

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 13.

LANSING, MICHIGAN, TUESDAY, NOVEMBER 12, 1907.

No. 8

ALBION CANCELS GAME.

Word Received Less Than Eight Hours Before Time Scheduled for Playing.

Varsity and Reserves Put Up a Scrappy Game.

At seven o'clock Saturday morning a telegram was received from Albion saying they cancelled the game for that day. On being called up over the phone they gave several reasons for their action: First, that we cancelled a game with them for Oct. 26, a fabrication pure and simple. They asked for a game on that date, but were told that it was our policy to schedule but one game a year with any college, so the game was impossible. Second, that no official reply had been given to a protest entered by them, although they admitted receiving a letter which covered the case; they thought we misused them last year when we told them what we thought of them and several other things, the sum total of which they thought sufficient to cancel the game.

The real reason of course was a weak team and the game would have been a farce as far as good football is concerned. Olivet beat them 73 to 0, while twice during the year they have been beaten by High Schools and they were unwilling to give M. A. C. the satisfaction of winning over them.

Their action in cancelling after the advertising was out and tickets sold is without a parallel in the history of Athletics of any reputable school and it means that Albion will receive no consideration of any kind from M. A. C. in the future.

Albion's having cancelled last Saturday's game at the last minute, left the varsity without a game so the reserves were substituted. Although the veterans trounced them to the tune of 46 to 6 in thirty-five minutes of play, they put up a good scrap contesting every inch of ground. A better crowd should have turned out to see the game as it was one of the most scrappy games seen on college field this season.

Seibel played a star game at left end for the reserves, while Cogsdill at tackle, McWilliams at center, Lemmon and White at guards also played gilt edge ball.

Coach Brewer let Mills start the game at quarter in place of Capt. Small. He seemed to use good judgment in running off plays, but in running back punts, he failed to follow his interference as he ought to have done. Allen was also given a chance at left half in Vaughn's place. McKenna acted as captain and did the punting.

The forward pass was used several times for long gains and with good interference the backs made big gains through the line around the ends. The first half ended with a score of 28 to 0.

The second half found Vaughn back in his old place and Sweeny was substituted for Mills at quarter. This being his first experience in running a Varsity team, he was

somewhat confused. In this half, the reserves made their only score. Lemmon scooped up the ball on a fumble and with a clear field before him ran 50 yards for a touchdown. Capt. Small then replaced Sweeny and the Varsity proceeded to rip up the reserves for big gains. Although being pushed back, they put up a stubborn resistance and frequently held the first team to small gains. Every man on the line put up a good game at defense and on the offensive even always there to aid the backfield in advancing the ball. The half ended with score 46 to 6.

(Continued on page 4.)

ESTABLISHING A REPUTATION IN LIVESTOCK BREEDING.

At the Farmers' Club meeting last Tuesday night, Prof. R. S. Shaw spoke on the matter of "Establishing a Reputation in Stock Breeding." Two of the most important requisites to success, he said, were: a thorough knowledge of the work, and veracity. Almost any man could make a bad reputation in the live stock business, but it took an honest man to build up a good one, one that would stand the test of time. The talk was very interesting and all who heard it were deeply impressed.

Tonight Dr. T. C. Blaisdell will speak about "Some Western Impressions" that he has experienced. All come and here this able speaker.

Next Tuesday, Nov. 19, Dr. L. M. Hurt will speak before the Farmers' Club. Don't forget the date.

J. SLOAT WELLES.

HORT. CLUB.

Mr. W. J. Wright gave a highly interesting talk before the Hort. Club last Wednesday night on the subject of "California from a Car Window." He described the physical character of the state as he saw it, taking the Inland route down as far as San Diego and returning to San Francisco over the Coast route. Mr. Wright gave many instructive statistics and observations on the various fruits grown at the points visited. He described the irrigation systems used, the methods of transportation, and the means of advertising employed. He declared that the success in fruit growing enjoyed in California was due almost wholly to the universal cooperation of the people and to the climate. In closing Mr. Wright compared the horticulture of Michigan with that of California and stated that the former state lost nothing by the comparison.

At the next meeting Prof. Sackett will lecture on bacterial diseases of plants.

B. B. PRATT.

HEARD IN LIVESTOCK CLASS.

Prof. Shaw—Give classification of Dual, puppose cattle.

Freshman—Short horns, Bull Durhams, etc.

NEW ENGINEERING LABORATORY.

Mechanical, Civil, and Electrical Departments Now in One Building.

Readers of the RECORD and especially former students in engineering at the College will be interested to know that facilities for laboratory work in steam engineering, strength of materials, cement and concrete, hydraulics, electrical engineering, etc., have been provided for in the new Engineering Hall on a scale commensurate with the importance of that feature of the engineering course and that the work in this line will be strengthened by equipment and instruction force beyond anything previously possible in the scattered and cramped accommodations hitherto available.

Practically the whole of the basement of the new building will be devoted to experimental engineering. The central room and the one which impresses the visitor first is the engine laboratory, about 45 by 80 feet and 40 feet high. The main floor furnishes space for steam engines, steam pumps, gas and hot air engines, water wheels, condensers, etc.

For the larger engines electric generators will be installed to serve as work therefor and also for work in dynamo electric laboratory. Each engine will be completely equipped for valve setting and efficiency tests and heat analysis. Space is reserved for a corliss engine and air compressor. A gallery at the level of the first floor of the building and entered therefrom will be fitted with display cabinets and utilized as a museum of manufactured articles, raw materials, historical machines and engineering inventions, etc. Opening from this room on one side is a laboratory denoted to standardization of electrical instruments, and in the other side a laboratory for strength of materials, calibration of gauges, indicator springs, etc., coal calorimetry and computing work.

Separate rooms of large size are set apart for cement and concrete testing for experimental hydraulics, for dynamo and motor and storage battery testing, for general electrical testing and for photometry. Yet another room contains the ventilating apparatus for the building which will be available for experiment.

In the cement and concrete laboratory will be equipment for the usual tests on strength of cements and mortars and for experimental work on beams and other forms of concrete steel construction whose importance in structural work demands familiarity with its properties on the part of technical graduates.

The experimental hydraulic equipment will consist in part of apparatus for study of flow of water through orifices, over weirs and in conduits and other phenomena of hydraulics discussed in the class room.

Other valuable features for this laboratory are under consideration.

(Continued on page 4.)

ALUMNI.

'93.

J. B. Dimmic of the above class has been receiving much favorable comment in the Pittsburg Press on the manner in which he has been handling the engineering work which is being done to restrain the Alleghany river in times of spring floods.

With '06.

D. O. Slayton is with the American Motor Car Co., of Indianapolis, Ind. His private address is 544 W. Ill. st. Speaking of the Wabash game, Mr. Slayton expresses himself as well pleased with the result. "Wabash is considered a very fast team here" he says.

'07.

H. H. Barnett is engaged in irrigation work in the Montezuma Valley, Col. He says he would be glad to see more M. A. C. men go west in that work.

H. L. Kimball is with the Detroit River and Tunnel Co. at Detroit, Mich.

M. A. C. FORESTRY CLASS THE LARGEST IN THE UNITED STATES.

Sixty-five Now Enrolled.

The following is clipped from the Detroit Free Press of Nov. 10:

"Forestry, as a branch of agriculture has for many years been given a prominent place at the Michigan Agricultural College. There are now enrolled in this course sixty five students. The course of study requires four years for completion, in addition to thorough high school training, and leads to the degree of bachelor of science. The same methods are used in teaching students forestry at this institution that have made it world renowned as an agricultural college. In addition to thorough scientific training they are taught to do things. The theory is supplemented by practice. This method requires laboratories and equipment of a special character.

"This college offers special advantage to forestry students. It is not boasting to say that nowhere else in America do students have access to such a variety and wealth of equipment as is at their command in this college. The campus alone contains 600 varieties of trees and shrubs; the arboretum planted by Dr. Beal thirty years ago has 150 different species of trees; the forest nursery of five acres gives students actual experience in propagation; a three-acre pinetum planted twelve years ago—the first of its kind in the west—is an excellent example of modern forestry and of great practical value to students, as well as a great inspiration; the three wood lots on the college farm, containing in the aggregate 175 acres, are in charge of the forestry department

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THE M. A. C. RECORD.

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

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TUESDAY, NOV. 12, 1907.

ALBION'S conduct last Saturday in cancelling the game less than eight hours before the time scheduled for playing is without precedent in the history of M. A. C.'s athletics. That a college of its professed standing should willfully and maliciously seek to injure the athletics of a sister institution financially, and seriously handicap it in the race for intercollegiate championship by depriving it of a game so necessary to develop the work of the team and which was being counted on by the whole student body, by waiting until the last minute when all arrangements had been made, when the officials were on their way and there was no opportunity to secure another game, seems almost incredible, yet Saturday's actions can be interpreted in no other way. If the rumor that Albion's excuse for cancelling the game because of M. A. C. trying to run the intercollegiate be true she will probably find that from now on she will have no rival in that direction from M. A. C. There are plenty of colleges of more than high school athletic standing who are ready and willing to schedule games with M. A. C. and it is very probable that the loss of Albion as a permanent athletic competitor will prove far from detrimental to the local association.

FORENSIC SOCIETY.

The interest in the new society has not abated during the past week as was shown by the number in attendance at Saturday evening's meeting. The addresses by President Kempster, Vice President Voorhorst, and Secretary Graybill were enjoyed by all who heard them. Mr. Bernstien gave a short talk on work of this kind which was being done in other colleges.

Several members were called upon for extemporaneous speeches, and responded in a creditable manner. The executive committee has prepared something of interest for next Saturday evening. Come, see what it is.

A new lathe has been placed in the machine shop.

WOULD BUY UP STATE LANDS FOR FORESTRY DEPT. OF AGRICULTURAL COLLEGE.

State Geologist, Lane, Advocates the Founding of a Novel Benevolent Society for that Purpose.

Would Take the Lands Out of the Hands of Speculators who Dupe Hundreds of Innocent Investors Every Year.

In an address before the Forestry Club last Tuesday evening Dr. A. C. Lane, State Geologist, uncorked the vial of speculative rottenness which has characterized the disposal of much of the state lands in the northern counties which, when the timber is cut, is practically fit for nothing else. In the course of his talk Dr. Lane showed the manner in which the land is bought for from 25c to one dollar per acre, subdivided into small lots and sold at fabulous profits to widows, laboring men and others who hope some day to make a home for themselves, only to find that the land is worthless as far as present day agricultural operations are concerned. Sometimes these lots are given away, the promoters getting their profit by a judicial arrangement with the registering official who gets a fee of one dollar for each deed recorded.

As a remedy for this revolting condition Dr. Lane said, "I believe that one of the kindest acts which could be done for the long suffering people of this and other states who are constantly being duped by these land-sharks and promoters is to establish a sort of benevolent society to buy up these lands and turn them over to the forestry department for forestry purposes so that in the future they would become productive. Private individuals cannot afford to buy this land for forestry purposes for the excessive tax imposed upon non-residents is prohibitive."

Other phases of forestry work touched upon were the enormous amount of timber necessary for use in the mines which, on account of the ever increasing price, is cutting down mining dividends, and the charcoal and wood alcohol industry which is rapidly using up timber valuable for other and more important purposes.

NORMAL FARMERS' INSTITUTE HERE NEXT WEEK.

Hon. John Hamilton, Farmers' Institute Specialist of Washington, will be present.

Everything indicates a large attendance at the Normal Farmers' Institute to be held at the College, Tuesday to Friday, November 19th to 22nd.

The lectures will be for the most part, by members of the College faculty, and what is virtually a short "Short Course" in agriculture will be given. Among the subjects to be treated will be soil fertility, manures and fertilizers, corn and plant improvement, potato blight and rot, forestry for farmers, hog cholera and other animal diseases and their treatment, improving farm animals, plant diseases, spraying and the preparation of spraying mixtures, poultry raising, the use of cement on the farm, water supply for farm-

ers, power on the farm, Michigan highways, agriculture in the rural schools, reading in the home and other topics of general interest. During the last few years the farmers have suffered serious losses from lightning and as a protection many are putting up very expensive copper cables. A method of securing even better protection by means of an iron cable, which a farmer can put up for himself at one-tenth the cost of the copper cable, will be demonstrated.

On Wednesday and Thursday afternoons there will be special sessions for the ladies in the parlors of the Women's Building at which various subjects relating to household management will be considered.

Hon. John Hamilton, Farmers' Institute Specialist of the U. S. Department of Agriculture will be present on Tuesday and Wednesday and will address the institute.

There will be classes in corn judging and the study of forage crops and grains for the men on Wednesday, Thursday and Friday mornings from 8:30 to 10:00 o'clock and for the women, demonstration exercises in domestic science and domestic art have been arranged for the same periods. The complete program and other information will be furnished on application to L. R. Taft, State Supt. of Institutes, East Lansing.

M. A. C. Forestry Class.

(Continued from page 1.)

and careful measurements have been made and data recorded for the last thirteen years.

"Students receive much of their practical training in tree identification, silviculture, woodcraft, forest valuation, mensuration, protection, regulation, etc., in these wood lots.

"The college has also a forest reservation of 42,680 acres in Iosco and Alcona counties. Students will do all phases of practical forestry work on this reservation during the summer vacation for which they will receive pay. This is not a play garden, but a great forest in which the student meets the same problems that will confront him in after life.

"A forester should have in addition to a technical training in forestry a thorough knowledge of soils meteorology, entomology as related to forest insects, and a number of other subjects which are taught only in agricultural colleges. Inasmuch as forestry is a phase or part of agriculture for each vocation must in many respects be identical. Forestry students at this college receive instructions in all those subjects which have both a direct and indirect relation to forestry.

"The graduates from this department find already employment at good salaries. They are prepared to go into private forestry business to superintend the forestry work on private estates, to act as state foresters, to direct the forestry work of railways and lumber companies or to enter the government forest service.

"This department is in charge of Prof. J. Fred Baker, a graduate of M. A. C. and also of the Yale Forestry school. His assistant is F. H. Sanford, and a third man will be added in the near future, who will give his time to the instructions of farmers as to the care of these wood lots."

FIRST PRELIMINARY DEBATE.

Thirty-two Declare Their Intention to Enter the Race for the Team.

The first preliminary debate on the question to be debated with Ypsilanti next winter was held in Room 7, College Hall, Thursday night. Profs. Hedrick and Rider upheld the affirmative and negative sides of the question respectively. The decision of the judges was in favor of the affirmative. Unusual interest is being shown in the debate this year, thirty-two students having already signified their intention of trying for team. Next week we will print a list of the teams as selected.

RESOLUTIONS.

WHEREAS, affliction having entered the family of one of our brothers through the death of his father, Mr. N. F. Jenison, be it

Resolved, that the heartfelt sympathy of the members of the Eclectic Society be extended to the family and friends in their bereavement; that a copy of these resolutions be sent to the afflicted family and a copy be entered on the records of the society and a copy be printed in the M. A. C. RECORD.

G. W. DODGE,
S. E. RACE,
H. C. PRATT.

ERO ALPHIAN.

The members of the Ero Alphian Society entertained their friends Oct. 26. Amusement was provided during the afternoon until seven o'clock, when a dancing party began.

Baker's orchestra furnished the music and Miss Norma Gilchrist and Mr. and Mrs. Halligan kindly acted as chaperones, which made the evening a very pleasant one.

THE LECTURE COURSE.

Through the efforts of Mr. A. M. Miller a Lecture Course of five numbers is to be given in the Armory this season as follows:

Mrs. Florence E. Maybrick, November 15.

Chas. Edward Clark Co., January 31.

Lyric Glee Club, February 13.

Judge Willis Brown, March 20.

Montville Flowers, May 1.

CIRCUMSTANCES ALTER CASES.

Lady (entering breathless): "I want to stop the divorce suit!"

Lawyer: "Why, you said your husband was an abominable, beastly brute, and you wanted to be rid of him at any cost!"

Lady: "Oh, yes, I know. But now an automobile has run over him, and I want you to start suit for damages."—*October Lippincott's.*

The school budget of New York city for next year will require more money than the total income of all the colleges and universities of the country. Something like \$20,000,000 is needed for teachers' salaries, and \$31,000,000 for new buildings to meet immediate demands.

A FEW THINGS FROM
NORTON'S

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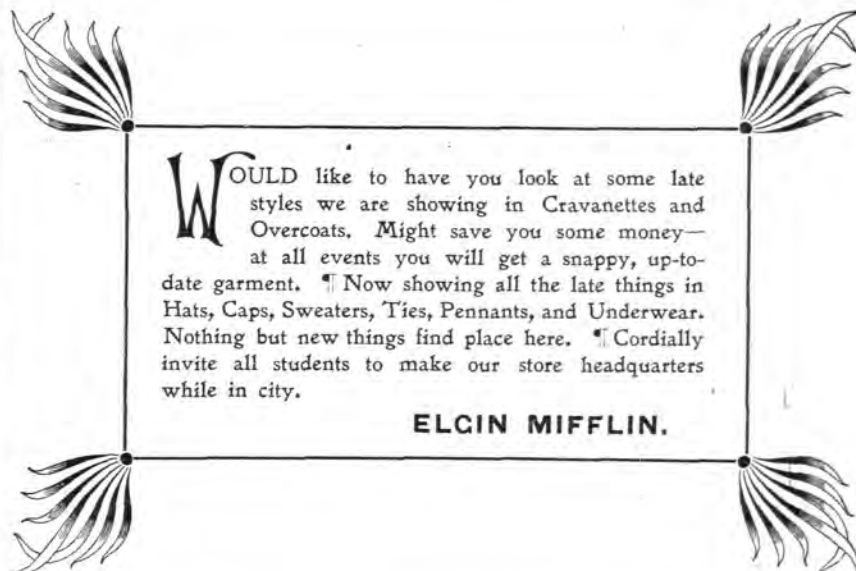
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invite all students to make our store headquarters
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clean cut, in every line which appeals
to the man who cares.

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ABOUT THE CAMPUS.

The closing of the "half terms"
brings a sigh of relief.

Friends of Chas. H. Swanger,
former instructor in chemistry, will
be glad to learn of his marriage on
September 25 last.

Students will find the lectures
given at the Normal Farmers' In-
stitute here Nov. 19-22 well worth
their time to attend when possible.

One-hundred fifty-one engineer-
ing freshmen took the half term
examination in chemistry last
Thursday afternoon. This is the
largest class that ever took that ex-
amination.

We are sorry to announce that L.
B. Westerman, a senior in the en-
gineering course and captain of the
basketball team has been compelled
on account of ill health to give up
his college work. He will spend
the winter in the southwest.

Dr. Blaisdell has received letters
from both Albion and the Detroit
Law School wanting to meet M. A.
C. in debate. The general feeling
seems to be that with the heavy
technical work which M. A. C.
students carry, one debate a year is
quite enough.

Prof. H. L. Curtis, formerly of
the physics department, is now with
the Bureau of Standards in the De-
partment of Commerce and Labor
at Washington, D. C., speaking of
his work Mr. Curtis says: "I am
engaged upon an absolute determin-
ation of the ohm and like all inves-
tigation it goes rather slowly."

Half the world makes a living off
the mistakes the other half makes.

Prof. J. A. Jeffery was called to
Egan, S. D., last week by the seri-
ous illness of his father.

Next Friday evening will occur
the first number on the lecture
course. Mrs. Florence E. May-
brick is the attraction.

The engineering department is
experimenting with different forms
of lighting with a view to determin-
ing the most efficient for class pur-
poses. Two drafting rooms have
been fitted out with mercury-vapor
lights, others are lighted with arcs
and others with incandescent lights.

There is a grove of pawpaw trees
on Mrs. Bogue's place near the
river which have never borne fruit
until this year. As an experiment,
last spring, Prof. Bogue did some
cross pollinating among the blossoms
and this fall there are a few well de-
veloped fruits. The explanation
offered is that the insects which
serve to distribute the pollen in the
natural habitat of the pawpaw do
not exist here.

Finding the difference in level be-
tween the door knob at the Woman's
Building and that of Williams hall
with an antiquated level, a log chain
and a yard stick was one of the
public initiatory stunts indulged in
Friday by six recently elected mem-
bers of the Tau Beta Phi fraternity.
The men thus honored are, V. J.
Gongwer, H. E. Marsh, H. H.
Mussleman, A. Sobey, H. C. Sher-
man and E. S. Martin.

Instructor Wadleigh preached at
Eaton Rapids, Sunday.

"Deacon Jones, will you lead in
prayer?"

The deacon snores peacefully.

"Deacon Jones, will you lead—"

Deacon Jones (awakening—"It
ain't my lead; I dealt.")—Ex.

The Eunomian Literary Society
had an open literary meeting Satur-
day evening, to which a few mem-
bers of the faculty and young lady
friends were present. Prof. Gun-
son kindly acted as critic and Mr.
and Mrs. Halligan as chaperones.

"The technical graduate of the
twentieth century will be marked
by certain characteristics which are
too rarely found in men trained in
colleges of literature and arts.
Among these are: directness of
purpose, intellectual accuracy and
clear thinking. The student in sci-
ence and technology is trained in
the realm of realities, where to com-
mit error, to act without purpose or
to work vaguely, are seen at once,
to be fruitful of harm. Technical
education will have a practical help-
ful bearing upon the problems of
life. No longer will the seclusion
of the scholar be a mark of honor.
Education will be found at the
bench, by the forge, in the shop, the
laboratory, and the drafting room.
The lessons to be taught will be
how to apply scientific ideas to the
solutions of problems actually aris-
ing in the struggle to bring the
forces of nature under the sway of
man."—Ex.

Y. M. C. A.

We would be glad to welcome
more men to our Thursday evening
meetings, especially the new men.
We want to know you better so
come in and get better acquainted.
Make use of the Association Read-
ing room any time. No longer will
you be obliged to hang your hat on
the floor or on your heads—just take
notice of the south wall—feel free
to use what you see there if it isn't
enough we will have another.

The Bible study books have
arrived so be sure you get into one
of the classes. We notice that some
of the men who expressed a desire
to join a class have as yet not made
their appearance in any of the
classes. Don't miss this opportu-
nity of bettering yourself.

Here is the schedule:

Life of Christ, Mr. Harper, Room, Y.
M. C. A., 8:15 to 9:00.

Life of Christ, Prof. Fletcher, Room
6, 12:00 to 1:00.

Life of Paul, Mr. Moon, Room 11, 8:15
to 9:00.

Men of Old Testament, Mr. Bates,
Room 10, 8:20 to 9:00.

Social Significance of the Teachings
of Christ, Prof. Ryder, Room 6, 1:00 to
2:00.

Social Significance of the Teachings
of Christ, Mr. Gunson, Home, 8:20 to
9:00.

Social Significance of the Teachings
of Christ, Mr. James, Room 2, 4:30 to
5:30.

If you cannot meet at any one of
the hours offered speak to the secre-
tary and other classes will be organ-
ized.

Albion Cancels Game.

(Continued from page 1.)

Time of halves, 20 and 15 minutes.

Referee, O'Gara. Umpires, Small and Brewer. Linesman, Chapman.

The final and biggest home game of the season will be played next Saturday afternoon with Olivet. The Congregationalists have an exceptionally strong team this year, and in order to beat them, the student body must back up the team with the same spirit and more of it that prevailed at the Wabash game.

Olivet defeated M. A. C. last season and they expect to do so again this year. Every student and most of the townspeople of Olivet headed by a brass band will invade our camp next Saturday to cheer on their gridiron warriors. While here they will be our guests, and we should treat them as such. Every student should take it upon himself or herself to see that the visitors are treated with the utmost courtesy. A committee of Upper classmen will be appointed to see that the visitors are well taken care of and are shown a good time. One or two mass-meetings will be held during the week to practice new songs for the occasion. Several hundred new megaphones have been received by the athletic association and will be disposed of for fifteen cents each.

EAST LANSING CHURCH.

As a general meeting of all the committees, held last week, it was decided that at the service on Sunday morning, December 1st, the names of the charter members of the East Lansing church shall be made public. Charter members shall be those who have handed in their certificates by that date; those who have handed in their names expecting to present their certificates as soon as possible; and those joining by accepting the covenant of membership. The roll of charter members will close Sunday, December 1st.

A business meeting of the church will be held on Wednesday evening, December 4th, to elect permanent officers.

The name of the church will not be determined until after the roll of charter members is closed. The committees also passed the following motion:

As some persons feel the discussion was not full enough before it was decided to ally the church with the Congregational denomination it has been decided that the matter of a denominational or of an entirely independent interdenominational union church shall be reconsidered after the roll of charter members is completed, and that if 25 per cent. of the members prefer the purely independent organization, no denominational alliance shall be made.

OPPORTUNITY.

They do me wrong who say I come no more.
When once I knock and fail to find you in;
For every day I stand outside your door,
And bid you wake, and rise to fight and win.
—Walter Malone in *The Printing Art*.

New Engineering Laboratory.

(Continued from page 1.)

The dynamo laboratory equipment consists at present of a number of generators and motors of various types, a storage battery and a very convenient arrangement for placing and connecting the apparatus for experiment.

The equipment of the other laboratory rooms is quite complete already and when suitably mounted will be very handy for instruction purposes.

Most of the experimental equipment now in the laboratories or about to be installed has been on hand in the various departments which have been accumulating the same in hopeful anticipation of better accommodations. This apparatus alone makes quite a respectable showing in the new laboratories.

Plans are being laid for making good such deficiencies in the equipment as are apparent. The end of the year will see a good working experimental equipment. From time to time details of the laboratory equipments will be given.

The present account is but a general view.

POWER OF EXAMPLE.

Knock and the world knocks with you;
Boost, and you boost alone!
When you roast good and loud,
You will find that the crowd
Has a hammer as big as your own.



CAMERON & ARBAUGH CO.'S NEW STORE.

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