

C. B. ROWLEY GIVES M. E. SOCIETY TALK

"Use Of Cork For Refrigerating Insulation." To Be Eligible To Society.

A meeting of the Mechanical Engineering Society was held yesterday afternoon at 4:15 in 11 Engineering Building. Engineering Society took a trip down to the Simplex Wire Company's plant in Cambridge. About twenty men were present, and everyone had a good time.

The party divided into small groups and each of these was shown through different departments of the plant. The employees were very friendly, and everyone had a good time. The day was spent touring the various processes by which the cables are manufactured. Everything was very similar to the slides shown at Mr. Morse's talk the previous evening, but of course more time was available and a closer investigation could be made.

FEW NOMINATIONS

In spite of the fact that the Preparatory Committee met this afternoon, only one had been handed in at the Cage last night. About ten were expected, but the indications are that there will be very little competition for any of the offices.

ECONOMICS CLUB OUT IN FORCE

Yesterday's Meeting Short But Enthusiastic--Knistrow's Views Assaulted.

The officers of the Economics Club are warm in their praise of the spirit which was shown at yesterday's meeting. The long awaited occasion, althoughclipped rather short for want of time, was felt to have been an admirable success, and more of the same kind are promised for the future.

Nearly half the time was taken up with the preliminary business meeting. This finished, the floor was given to W. P. MacNeil, who had been appointed to voice opposition to the sentiments expressed by President Kistrow at the previous meeting. MacNeil gave a short review of Kistrow's speech, and followed with a commendable analysis of the President's arguments. Kistrow, he said had chained Socialism to be concerned primarily with production. Whether this is true in a strict sense was to be doubted, but the bearing of it on the matter in hand was not of sufficient importance to warrant more than a passing consideration. Kistrow had given next an analysis of the present capitalist system of production, and in the analysis the speaker was in perfect agreement.

The capitalist system, he said, using production in a private interest for private profit, tends to destroy the social consciousness of the individual, and to make his economic activities selfish if not actually anti-social. With Kistrow's definition of Socialism as the organization of society in a manner that production would be carried on by the people as a whole and for their own benefit, the speaker was also in perfect agreement with the further statement that this was a good conception as well as a practical one, being strongly for it.

The point he admited, was rather thin, but he felt that consideration of it would show it to be of an inconsiderable importance.

(Continued on page 2.)

TRIP TO CABLE FACTORY

Electrical Engineering Society Spends Three Hours In Plant.

Yesterday afternoon the Electrical Engineering Society took a trip down to the Simplex Wire Company's plant in Cambridge. About twenty men were present, and everyone had a good time.

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ANGELINA'S DINNER

A quiet dinner was had by the officers of the Econonomics Club at the home of Miss Angelina May, President of the Club. The dinner was simple and enjoyable.

COMMERES DINNER TONIGHT IN UNION

W. P. Keith To Be Toastmaster--Tech Show, 1914 Author To Be Announced.

This evening at seven thirty the annual Komers Dinner will be held in the Union. The plans for the dinner have been completed and Stewart Colton has been notified of the number of men who will attend the dinner. At present the number is not very large, but several men who have tickets to sell have not yet returned them to Business Manager Lord. The rumor about free beer and cigarettes has materialized. Aside from these Stewart Colton promises a very good dinner.

The list of speakers is now complete. General Manager W. P. Keith will be the toastmaster. He will be assisted by Dean Burton, Mr. Litchfield, and Mr. Emerson. These men will give their opinions concerning the Show, as outsiders having no direct connection with it. Ex-Stage Manager C. P. Fiske and Ex-General Manager Weeks will give talks concerning their work last year. Last year's Publicity Manager will tell all of the Tech Show Orchestra news. Mr. L. C. Sors, who is the star for 1914 will announce his plans for the orchestra this year.

Plates have been made for a larger number of men than have actually bought tickets, so anyone who may change his mind at any time previous to six o'clock, may obtain tickets either at the Cage or from any man who is selling them.

CATALOGUE PROOFS

The proofs for the student list of the catalogue for this year are posted on the bulletin boards throughout the Institute. Corrections of this should be left at the information desk in the Union's office, before Saturday, November 15. Last year many wrong addresses went into the catalogue and all the men had to send in corrections, and it is hoped that they will be sent in this year on time.

GEN. MAN. W. P. KEITH

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REV. N. M. THOMAS TO SPEAK THIS NOON

"Immigration, A Challenge to Patriotism,"--Subject Of Talk.

The T. C. A. has secured the Rev. Norman M. Thomas, of New York City, to speak in the Union this noon. Mr. Thomas, who is a brother of Ralph L. Thomas, will speak on "Immigration--A Challenge to Patriotism." Mr. Thomas has had unusual experience among foreigners and immigrants in New York City, and he is well qualified to speak on a question which is of such great importance to the nation and its people. Mr. Thomas is chairman of the American Parish of the East Side, an active organization of Presbyterian ministers in the Polygamy District. Mr. Thomas has two churches under his charge, the two of them are foreign churches, Hungarian and Italian, and the third is the American church, where he personally directs the work. A settlement house also comes under his supervision.

Mr. Thomas is said to be a very interesting speaker, and with all his varied experience in the line of work, he will present the many difficult problems of immigration which confront him now, and he will probably tell just how the church copes with them. Last summer he was one of the most fearless speakers at the Northfield Student Conference. He was also selected by delegates at the Conference from Technology and B. U. on one occasion as a special speaker. The fact that the T. C. A. has invited him to come all the way from New York solely to give this talk should insure a large audience.

WEATHER

For Boston and vicinity: Fair and warmer; moderate to brisk west to south winds.

CALENDAR

Thursday, November 13, 1913.
100--E. E. Society Trip--Simplex Wire Cable Co., Cambridge--Meet in Library in Lowell.
400--C. E. Society--11 Eng. B.
400--Du Pont Cup Competition--Field.
400--1917 Basketball Practice--Gym.
400--Wrestling Practice--Gym.
400--Soccer Practice--Field.
Friday, November 14, 1913.
9.00--A. M.--Cross-Country Team Leaves North Station.
7.15--Chemical Society Meeting--Union.
7.45--Mechanic Arts H. S. Club--Smoker--Union.
Saturday, November 15, 1913.
4.00--Sophomore Nominations Due--Cage.
N. E. Intercollegiate Cross-Country Run--Hanover, N. H.
THURSDAY, NOVEMBER 13, 1913.

In Charge of This Issue:
Editor—E. F. Hewins, 1916.
Assistant—J. B. Carr 1916, H. S. Benson 1916.

Business Staff:
W. J. Lamson, 1915.
C. W. Lacy, 1915.
H. W. Newsome, 1916.

The Socio-Economic Club
(Continued from page 1.)

In order to bring out the distinction between a definition and a con-
ception, the speaker mentioned the method of study in the course in
vertebrate anatomy, which is taking
this term. The course does not consist merely of the classifying and
pigeon-holing of the various verte-
brates, but branches out into a con-
consideration of their physiology, em-
byology, histology, etc., in order that a true conception might be
understood as a living and
growing thing, vitally bound up with
the facts. The adoption of a viewpoint such as
may thus be con-
sidered as more rational and scien-
tific than that of the Utopian schools.

The adoption of a viewpoint such as
Kuttner's, by destroying the idea of
economic determinism, would reduce
the Socialist movement to the same
level with reform schemes, and strip
it of its main significance as well as
to its own dignity. It would justify the
accusation of the Socialist Labor
Party that the Socialist Party is
merely a party of short-sighted
scheme-makers with no true con-
vineer. With emphasis on this
point that the speaker brought his
remarks to a close.

The next meeting of the Club will
be held two weeks from this.
A speaker will probably be secured,
and the talk may be given in the
Union. The officers hope that any
matters having to do with the
meetings will not be rashful about announcing them.

The question of uniform class con-
stitutions, which we strongly urged
in a recent editorial. As the affairs of
all classes are practically identical,
there is no need for any difference in
governing codes, and if a permanent
document were worked up by a de-
liberative and yet not unwieldy body
like the Institute Committee, it could
receive the attention it deserves, and
continue like the recent Sophomore
tsailing dispute would not occur.
TOTAL OF TECH GIFTS

MAGNIFICENT SUM OF OVER SEVEN AND ONE HALF MILLIONS.

Since the fiftieth anniversary of the founding of the Massachusetts Institute of Technology, in April, 1911, the Institute has been coming steadily into its own. The first gift was that of T. Coleman duPont, and this was the sum of $5,000, with which the land for the New Tech was bought. This gift proved to be the turning point and the list of bequests and remembrances in the intervening two years is almost phenomenal, and bears testimony to the high esteem in which Technology and its president, Dr. Macalister, are held. A list of the gifts is as follows:

Coleman duPont, for the land, $500,000
Massachusetts, for maintenance, $1,000,000
Mr. Smith, for educational
Bequests, Mrs. Rogers, unrestricted $2,500,000
Bequests, Mr. Green, scholarships, etc. $1,500,000
C. W. Eaton, for equipment, $500,000
Fruit Bequest, Naval Arch. School, $100,000
Anonymous, for buildings, $300,000
Anonymous, for equipment, $100,000
Anonymous, for buildings, $600,000
Anonymous, for engineering
Alumni subscriptions, $1,000,000
Anonymous, for unrestricted, $2,500,000
Anonymous, for engineering
Buildings, $2,500,000
Endowment, $1,000,000
Restricted, $600,000
Balance on land, $250,000

This list totals $7,350,000, and to this should be added:

Anonymous, Engineering
179 South St., Boston
Reserve table by telephone 3236-W. B. D.

The Secret of Good Batting

It is similar to the secret of good business—it happens to some and just misses the others.

If there ever was a commercial home run it’s Fatima, the Turkish-blend cigarette. The expert who conceived this blend was none other than Fatima. She was first lined out in the college towns—the student body quickly proclaimed them winners. Today Fatima is the biggest selling cigarette in this country.

The secret is pure, good, choice tobacco—no expenses in the package—quality all in the smoke—“Twenty.”

BACK BAY BRANCH

State Street Trust Co.
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Crediting interest monthly on accounts of $300 and over

MAIN OFFICE, 33 STATE STREET

THE TECH, BOSTON, MASS., NOVEMBER 13, 1913.

THE LARGEST WRESTLING SQUAD EVER OUT

One Hundred and Three Freshmen Out—Cuts Must Be Made—Novice Meets Arranged.

At present there are one hundred and three freshmen who are taking wrestling in place of the regular gymnastic work. This is probably the greatest number any athletic sport has ever had out, and according to the coach who has seen the new men working out, should form the nucleus of one of the strongest teams Tech has ever developed.

On account of the small space the wrestling teams have allotted to them at the Gym, and also on account of the fact that there is but one mat for so large a number to work on, a cut must be made. In order to meet this difficulty it has been decided to keep but 60 men. This includes all those on the squad regardless of whether they are freshmen or not. Ten men will be kept in each of the 6 classes. The positions will be entirely competitive, for if any man thinks he should be one of the ten men in his class he has simply to challenge any man in his class, and if he succeeds in throwing his opponent he shall take his place on the squad.

The names of men who make the squad will be posted in the gym a week from this Monday. All freshmen who do not find their names on this list must report at once to the regular gym class. As there is but one man on the regular squad in the 115-pound class, there is a chance for nine freshmen to make the squad, and so in the other classes there are chances for six to eight freshmen.

There are several novice meets arranged for those men who do not make the regular team, and who have not yet competed in any matches. The first is scheduled with the Y. M. C. A. team on Dec. 6. Later in the year there is one with the Allen School at West Newton and also one at the Harvard Gym. There is a possibility that in the near future interclass wrestling teams will be formed and the winners on these teams will probably be awarded numerals.

So far eight meets have been definitely arranged. The manager has several other meets in view. The ones scheduled so far are as follows:

Dec. 6—Novice Meet with Y. M. C. A.
Dec. 13—Beverly, V. M. C. A.
Jan. 17—Boston Y. M. C. A.
Jan. 3—Chapp Memorial Assn., East Weymouth.
Feb. 12—Salem Y. M. C. A.
Feb. 21—Abington Y. M. C. A.
Feb. 26—Open Meet, East Weymouth.
March 7—Boston Y. M. C. A.

M. E. SOCIETY

(Continued from page 1.)

but less efficient insulator. Samples of reground cork, cork board, and impregnated cork were shown.

Mr. Rowley next demonstrated the method of calculating the coefficient of insulating materials. Lantern slides illustrating this process as it is carried out in the laboratory were shown. He also gave the method by which, if the cost of ice is known and the inside and outside temperature of the room, the desired thickness of material may be found. This is done by the use of a curve, the abscissae of which represent the difference in temperature and the ordinates the cost of ice per ton. The methods of putting up walls in cold storage rooms under various conditions was shown by drawings and the apparatus used, was described.
**THEATRES**

**TREMONT THEATRE**
Evs. 8. Mats Wed. & Sat. at 2.

**BILLIE BURKE**

**HOLLIS ST. THEATRE**
Evs. 8. Mats Wed. & Sat.

**JULIA SANDERSON**

**PLYMOUTH THEATRE**
Evs. 8.10. Mats. Wed. & Sat. at 2.

**The Sunshine Girl**

**PARK THEATRE**
Evs. 8.10. Mats. Wed. & Sat. 2.10

**The Strange Woman**

**THE LADY OF**

**HOLLIS ST. THEATRE**

**Evgs.**

**HOLLIS ST. THEATRE**

**PARK THEATRE**

**Evs.**

**PLYMOUTH THEATRE**

**BOSTON THEATRE**

**Evs. at 8.**

**THE WHIP**

**Prices 25c to $1.50**

**COLONIAL THEATRE**

**Wrights at 8.**

**Mats. Wed. & Sat. at 2**

**THE LADY OF THE SLIPPER**

**PLYMOUTH THEATRE**

**Evs. 8.15.**

**Henry Jewett Players**

"Let's Go A-Gardening"

**STUDENTS PATRONIZE OUR ADVERTISERS**

**ENGINEERING AND SCIENTIFIC NOTES**

The Scientific American Supplement for Nov. 8th contains several articles of interest which we enumerate briefly below.

An article on "By-Products of the Modern Coke Oven," by C. A. Meissner, gives a discussion of several new processes for the recovery of ammonia from ammonium sulphate without the use of the old-fashioned "scrubbing" towers, among which are the Otto, Feld, Collin, and Thio-sulphate processes. The article is very well illustrated with diagrams of the units constructed to work these various methods.

In a previous issue we spoke of the development of internal-combustion engines designed to consume kerosene, and mentioned the fact that the carburettor must receive some external heat in order to obtain a proper vaporization of the liquid. An article on "Characteristics of Kerosene as Fuel for Internal Combustion Engines," describes in detail some of these carburettting devices, and among them one which requires no heat for its operation.

An article which discusses ball-bearings and their application to modern industry by F. J. Poor.

The first of a series of papers by Robert S. Whipple on "Modern methods of Measuring Temperature" describes in an interesting manner the various instruments which engineers and scientists have devised to solve difficult problems of temperature measurement is illustrated by many diagrams and cuts of the apparatus and will doubtless be of interest to students of heat engineering.

The entire system of the Canadian Pacific Railway may be electrified. This was the declaration of Sir Thomas Shaughnessy, president of the road, as he started for Winnipeg to inspect sites there for new terminals. The work now being started in the Rocky Mountains toward the operation of electric instead of steam locomotives over several divisions is merely an experiment, he declared, preliminary to the installation of electricity throughout the system if the experiments prove successful. The Rocky Mountains division, where experimental work is being done, presents every problem of handling traffic known to railroading, and if electrification succeeds there its universal adoption on the entire system is certain. Freight and passenger trains alike are to be handled by electricity, and there are plenty of water-power sites available for developing the power over the entire system if the heavy grades in the mountains can be conquered by the electric locomotives.

Guard as carefully as life itself a high standard of professional honor and integrity: Whatever the measure of your professional success—whether wealth and reputation crown your career, or disappointment and poverty be your constant and welcome companions—let no taint of suspicion attach to any professional act or utterance—Baker.

Let me counsel each one of you to set for himself sooner or later an ultimate object to be accomplished, and keep your eye forever toward its attainment. If he succeed, he will be well repaid by the satisfaction of feeling that he has done some material good for his fellow mortals; but if not, he will still feel that he has done his best, and that his life has not been in vain—Wadwells.

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