M. E. SOCIETY TRIP TO NEW INSTITUTE

Opening of Chemical Society

A. D. Little and Members of The Faculty Address Gathering at Record Size.

The annual dinner of the Chemical Society was held Friday evening at the Tech Union. The number in attendance—185—was the largest in the history of the organization, and the remarkable enthusiasm shown promises a most successful year.

Freshest Defeated by Brookline High

Reis Makes Fifty Yard Run For Touchdown—Need Feel For More Backs.

Although the freshmen lost their first football game of the season last Saturday to Brookline High, by the score of 7 to 0, they are still confident that they have a good chance to win on Field Day. The 1919 eleven had only a few weeks to prepare for the game while the Brownstone team had already proved its strength by winning three games. The touchdown for 1919 was made by Reis, who intercepted a pass in the fourth period and ran fifty yards for a tally. The line-up of the freshmen was as follows: r.c., Rasmussen; r.t., Streetable; t.h., Winslow; c. dynes; e. Clarke; t.c., Williams; i.l., Root; i.c., Kuepe; g.b., Role and Young; r.h., Thomas and Hineau; l.h., Young and Deen; and l.a., Pace. The newcomer who fills the first-year team still feel the need for more backfield candidates and de- states that any heavy, speedy men who are not yet out should start this week at practice.

The Sophomores will have their first game Saturday against Waltham High at Waltham.

The two tag-for-war teams will alternate in using the Gym and Oval to practice on this week. This afternoon 1919 will have the Oval. There will be no practice tomorrow.

M. E. Society Smoker

Prominent Men Will Address First Meeting

The annual "get-together" smoker of the Mechanical Engineering Society will be held this week Thursday in the Union. Professor Miller and Hayward of the Department will speak, together with Mr. A. B. Bartlett, superintendent of the Crosby Steam Indicator Co. According to custom refreshments will be served.

All men in courses II and XV (Option 2) are requested to participate in this meeting. "Get acquainted" meeting from 7.30 to 8.00 at which time the speaking starts.

Professor Honored

Professor C. H. Peabody of Technology has received a letter from the呈祥帝日本驻日大使馆, Japanese Ambassador to Washington, stating that the Emperor of Japan has conferred on Professor Peabody the Imperial Order of the Rising Sun, third class. Accompanying the letter was the insignia of the Order.

C. E. Society

Professor Whipple To Speak At First Meeting

The Civil Engineering Society will hold its first meeting on Wednesday at 7.45 P. M. in the Union. All students in courses I and XI, and all members of the various committees are invited.

Professor Whipple of Harvard will speak on Sanitary Engineering, and Professor Bledsoe of the Institute will give an address on railroad construction.

Glee Club Tryouts

All men who did not have an opportunity of attending last Friday are requested to report today in the Union at 4.20 o'clock. A list of the successful candidates will be published in The Tech and rehearsals will start next week.

All Copy and Notices for Wednesday's Issue of The Tech Must Be in the Tech Office by 12.00 Noon Tuesday.

Calendar


12.30-Meeting of Chess Club Executive Committee, Room A, Union.
4.00-1915 Tag-of-War, Oval.
4.00-1918 Relay. Tech Field.
4.00-1918 Football, Y. M. C. A.
4.00-1919 Football. Tech Field.
4.15-Naval Architecture Society Meeting, 31 Eng. C.
4.30-Glee Club Trivia. Union.
5.00-Candidates for Asst. Publicity Manager. Show Office.


1.05-New Men Meeting, Lower Office.
3.30-M. T. F. Forum. Union.
2.00-E. Society Trip.
5.00-Meeting of Writers of Tech Show. Show Office.
8.00-Business Meeting of Cosmopolitan Club. 8 Eng. C.
7.45-C. E. Society Meeting. Union.
THE TECH

Institute of Technology, Mass., under the act of Congress of 18 March, 1911, at the postoffice at Boston, Mass.

R. J. Cook, '17 ................ Treasurer
F. W. Dodson, '17 .... Circulation Manager
B. F. Dodge, '17..Advertising Manager
M. A. L. Eaks, '18 A. N. Pray, '18

Practice. Single copies, 3 cents.

Treasurer .............. 5.00 to 6.00 P. M.
General Manager . ..... 5.00 to 6.00 P. M.

That the scientific method may be applied to human beings, as well as to bridges and chemical reactions, has only recently been realized. For example, it has been found that the curve of probability of accidents in a large factory rises rapidly toward the end of the day, thus giving a fair determination of the number of hours the working day should continue to obtain the maximum of efficiency.

THE IMMIGRANT.

The T. C. A. talk Thursday will be given by Dr. Peter Roberts of New York, the immigration specialist. Dr. Roberts is the author of "The New Immigration," and "English for Coming Americans."

CHESS CLUB MEETING

The Chess Club's first meeting was held last Friday, most of last year's members being present as well as several new men. Officers were elected, as follows: President, D. E. Woodbridge, '16; Vice-President, W. W. Naumy, '17; Treasurer, A. B. Pray, '18; Members Executive Committee, besides the last-named, C. M. Dean, '17; W. H. Costello, '18; A. B. Ranger, '18. Membership cards were issued to those present.

PRIZE FOR THESIS ON PLUMBING SYSTEMS

Waddill Catchings Offers $500--Harvard and Technology Men Eligible.

Last year Mr. Waddill Catchings (Harvard A. B. 1901; LL.B. 1904) offered a prize of $200 for the best thesis on any subject related to home plumbing or the materials used in plumbing systems. This prize was awarded to Mr. Will Goettling, Harvard 1914.

Mr. Catchings kindly offers this prize again with the stipulation that the thesis shall relate to some original study. The contest is open to any student in Harvard University or the Massachusetts Institute of Technology. The subject must be approved in writing before November 15, 1915. All three ranges available from 9000 to 10,000 words exclusive of tables and drawings, and three typewritten copies must be handed in or before May 1, 1915. Further information may be obtained from Professor Whipple at either A. S. Johnstone, Phar. 11, Pierce Hall, Harvard University; or Room 66 Engineering Building, Massachusetts Institute of Technology.

PROF. GEORGE C. WHIPPLE,
Harvard University;
PROF. DWIGHT PORTER,
Mass Institute of Technology;
MR. GIFFORD LeCLEAR,
Lecturer, Harvard University; Committee.

RIFLE CLUB

First Shoot At Walnut Hill--Two Trips This Week.

The Rifle Club held its first shoot of the season at Walnut Hill Saturday, twenty men taking part in the practice. All three ranges available were put into service, the older members using the three and five hundred yard range, and the new men the two hundred yard range.

On the two hundred, A. S. Johnstone led the field with a total of 312. At the three hundred T. M. Knowland was high man, and on the five hundred F. L. Butterworth of last year's team returned, each making a score of 45.

There will be two parties this week, one Wednesday and the other Saturday. A list of all men eligible for Wednesday's party has been posted on the Union bulletin board, and members desiring to make this trip should check off at once. Twenty-five men may be accommodated. The men who are to take out the rifles will be designated before 5:00 o'clock tonight. There will be no trip tomorrow.

SOME men change their tobacco brands as regular as a woman changes her mind. An' others smoke VELVET.

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CHEMICAL SOCIETY  
(Continued from Page One)

engineers. Mr. Little graduated from the Institute in 1884, was a member of the first staff of The Tech, and is an ex-president of the American Chemical Society.

Taking as his subject "Chemical Engineering as a Profession," Mr. Little said that the world was made up of matter, energy and people. To be successful, the engineer must consider all three. The chemist is too apt to think only of the matter and energy, and forget all about the people. In this way he decreases his efficiency, and forgets about the people.

Dr. Walker, the next speaker, gave his address on "The Signs of American Scientists."

But the present age has no need for the signs of the past, we in America are now more practical, we have removed to their places of utility. The scientist must develop more of the scientific spirit, the scientist must develop more of the scientific spirit, the scientist must develop more of the scientific spirit.

M. E. SOCIETY TRIP  
(Continued from Page One)

of a fifty percent increase in registrations.

Construction work is well along on the new power plant which connects with building nine by means of a tunnel under Vassar street. All cost is to be handled mechanically, direct from the cars. The equipment will include testers of 2000 H.P. capacity in 396 H. P. units.

The pleasant Furnished Rooms and apartments have been increased.

Mr. Little said that the world was made up of matter, energy and people. To be successful, the engineer must consider all three. The chemist is too apt to think only of the matter and energy, and forget all about the people. In this way he decreases his efficiency, and forgets about the people. In the technical training, but it is up to the student himself to get his knowledge of human nature.

During the next twenty years the chemical industry will have a wonderful increase. There are evidences of this being brought out every day. Chemistry is the most fundamental of all the sciences, and deals with everything of which we know. Whereas now there are, perhaps, three hundred chemical engineers, ten thousand students are needed to cope with the problems confronting us.

Mr. Little gave a number of personal problems he had encountered. Upon graduation he obtained a position as a clerk in a sulphur pulp mill. He had been there only a short time when the inventor of the process and the engineer left, and he was put in charge of the mill. He had difficulties to overcome, but succeeded in overcoming most of them, and made a reputation as a patent expert.

The chemical engineer, the speaker said, could reasonably expect upon graduation from $65 to $75 a month; after two years, from $1800 to $1500 a year; after five years, from $750 to $1000 a year.

He described the present situation as a difficult one for chemists, where chemists are supposed to be managers rather than employees.

Dr. Talbot then spoke on "Science in America Chemistry." He gave an account of the early work of the American chemists, and stated that in this country at the present time the science was so far advanced that American chemists could publish the results of their work in the American Engineering Journal, and command attention from the whole world, instead of having to appeals to gain end.

If Prof. Talbot described briefly the research work being carried on in the different universities throughout the country and showed the great value of this work in the advancement of the science. He added that, although we owe a very great debt to Germany for the careful and conscientious work by chemists have done in the past, we in America are now more than able to stand on our own feet.

Dr. Walker, the next speaker, gave a short talk on "The Signs of the Times," saying that the present op...
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FRATERNITIES
Correct Directory Published By Request.

At the instigation of several of the Fraternities the following corrected list of addresses is hereby furnished.

All India Tau Omega, 30 Newbury St.
Beta Theta Pi, 179 Bay State Rd.
Chi Phi, 44 The Fenway.
Delta Kappa Epsilon, 215 Newbury St.
Delta Psi, 50 Charles River Rd.
Delta Tau Delta, 234 Newbury St.
Delta Upsilon, 1069 Beacon St.
Kalpa Sigma, 261 Newbury St.
Lambda Chi Alpha, 535 Newbury St.
Lambda Phi, 291 Harvard St., Brookline.
Phi Beta Epsilon, 1069 Beacon St.
Phi Gamma Delta, 12 Newbury St.
Phi Kappa Sigma, 288 Bay State Rd.
Sigma Alpha Epsilon, 66 Exeter St.
Sigma Chi, 86 Beacon St.
Sigma Delta, 20 Bay State Rd.
Sigma Xi, 223 Newbury St.

Soccer Team
Enough men signified their intention last spring to come out for a Soccer team to make it seem safe to arrange a schedule of games. Five games were secured, the first with Harvard Oct. 23.

Only four or five men have been reporting at the Oval in response to the call for candidates. Unless a larger response to the call is met with the management will feel compelled to cancel the schedule.

MONTHLY OUT
(Continued from Page One)
are well illustrated. President A. C. Humphreys, of Stevens Institute of Technology, has an article on "Over Regulation," which subject has aroused great conflict between the Federal Government and the large corporations.

The illustrated section contains the latest photograph of the new Institute and shows the principal events which took place in the spring meet with Bowdoin and in the N. E. I. A. There will be four pages of cartoons in the humorous section depicting the doings of Technology men during the summer and the impressions which new men are supposed to have upon entering the Institute.

There will be a new page entitled "Faculty Honors." The man considered in this issue will be Professor A. A. Noyes of the Research Laboratory of Physical Chemistry.

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