

THE TECH

VOL. XXXIV. NO. 40.

BOSTON, MASS., WEDNESDAY, SEPTEMBER 30, 1914.

PRICE THREE CENTS

PRESIDENT MACLAURIN WELCOMES FRESHMEN

Mass Meeting in Huntington Hall—Class Adopts Standard Constitution.

The first meeting of the Class of 1918 was held in Huntington Hall Monday noon when the class was welcomed by President Maclaurin and adopted the standard constitution. General announcements regarding Field Day were made by Temporary Chairman Loomis, '16, and Sully, '16, the Temporary Treasurer, emphasized the importance of paying class dues immediately.

President Maclaurin, in his address, told the Freshmen that their most difficult task at the Institute would be to adapt themselves to the new conditions of environment. Here, for probably the first time, he said, they would be treated as men, and be expected to deal with the problems before them in a manly way.

To do this, President Maclaurin pointed out, the men must grasp all

(Continued on Page Two)

DO YOU SHOOT?

Rifle Club Meeting Today, 27 Rogers, 1 P. M.

Today at one o'clock in Room 27 Rogers, the Rifle Club will hold its first meeting of the year. A number of important announcements are to be made, and plans for the shoots to be held this year discussed. All men interested in rifle or pistol shooting are invited to be present.

The shoots this year are to be conducted somewhat differently from those of previous years, it being intended to use the system of practice used by the Michigan Aggies, the team which won the United States Indoor Championship last year. The National Rifle Association has changed the rules governing matches somewhat, and consequently new men coming out will have equally as good chances as the old men for making the team. The first shoot will probably be held Saturday at the Walnut Hill Range. Definite announcement regarding this will be made at the meeting.

GLEE CLUB

There will be no meeting of the Glee Club Thursday afternoon as scheduled.

1918 RELAY TEAM

Temporary Manager J. P. Uhlinger of the Freshmen Relay Team would like to meet more candidates for the team at the Gym today at four o'clock.

REPORT OF HAWAIIAN VOLCANO OBSERVATORY

Account Of Conduct Of Fountains, Lakes and General Experiments.

The report of the Technology Hawaiian Volcano Observatory in a small, neat quarto of seventy-five pages appeared during the summer. The observatory was founded by an initial contribution of \$25,000, known as the Whitney fund, with the idea of a systematic observation of volcanoes. The work owes its initiative to the interest and activity of Professor T. A. Jaggar of the Geological Department, who has been named director of the observatory.

The story given in the report is largely a day by day account. The conduct of the fiery lake in the bottom of the crater is chronicled, together with the oscillations of the lakes within their basins, the different kinds of action, the frequent earthquake shocks and the fountains, one of which, "old faithful," was playing at intervals of thirty seconds, sending hot spray to a height of a hundred feet. Experiments were made in the gas-composition of the vapor clouds above the lakes and the flows of the molten lava into the fiery pools as well as the floating island and are accurately described.

One of the striking matters pre-

FRESHMEN RECEPTION

Given By T. C. A. In Union Friday Evening.

The Technology Christian Association will hold the annual reception to the new men at the 'Stute in the Union on Friday evening at eight o'clock. Not only the Freshmen but the men of the other three classes are cordially invited to be present.

An interesting list of speakers is being arranged for, some of whom include: F. P. Scully, President of the Institute Committee, Mr. Cushman, the new General Secretary of the T. C. A., and Dean Burton.

INSTITUTE COMMITTEE

There will be a meeting of the Institute Committee Thursday afternoon at four o'clock in Room 8, Eng. C. This is the first meeting of the year and as important business will be taken up all members should be present.

SOPHOMORE MEETING

On Friday afternoon at 1 o'clock there will be a short snappy meeting for all Sophomores in Huntington Hall. Every 1917 man is requested by the President to be sure to be on hand.

CROSS COUNTRY MEN WORK-OUT DAILY NOW

Sophomores Respond Poorly To Call for Relay Men—Only Two Out.

The cross-country men are now practising daily from the Gym, where all track work is to be held pending the completion of the new Field. The squad which is to take the Hare-and-Hound run at Newton Saturday includes several Freshmen.

Sixteen Freshmen and but two Sophomores have responded to the call for relay men issued last Monday. Several of the Freshmen have preparatory school records behind them, and Coach Kanaly regards their times as very promising. Among those reporting are Hamilton, O'Brien, Lorenz, Wallace, Boyd, Obert and Rubin.

Quite a number of competitors are out for Freshman Track Manager, some being already at work.

HARE AND HOUNDS

First Run of Year To Be At Newton Saturday.

The first run of the Hare and Hounds Club will be held at Newton, Saturday afternoon. The men will leave Trinity Place Station at 2.05 o'clock. The round trip fare is 25 cents. All men who are going out for the cross-country team are expected to take the run. This applies to Freshmen as well.

The course at Newton is one of the most popular visited by the club. It consists of a good deal of road work and easy field running with a few hills. The run will start and finish at the Newton Y. M. C. A. After the run the men will have the privilege of the Y. M. C. A. swimming pool, one of the largest and best in the state. The return will be made at 5.30, arriving in Boston in plenty of time for the Freshman dinner.

TECH SOUTHERN CLUB

The Technology Southern Club will hold its first meeting for the year today, Wednesday at 1 p. m., in Room 21 Rogers. All former members and all Tech students from the South are asked to be present.

FRESHMEN FOOTBALL

Candidates for the 1918 Football team and managership will report at the Gym at four tomorrow. A coach will be secured before that time and practice will be held on the Oval. Temporary Manager Buxton will talk to the candidates for the managership. For a week or so the 1917 and 1918 teams will use the Oval on alternate days.

WRESTLING CANDIDATES WILL MEET TODAY

Short Talks By The Captain And Manager At Five O'clock In The Gym.

The first meeting of the Wrestling men will be held today at the Gymnasium at 5 o'clock. All men on the team as well as any of the new candidates who intend coming out for the team should be on hand. Short talks will be given by Crowell, '15, captain of the team, and by Manager Morse outlining the plans for the coming year. Freshmen will be allowed to substitute wrestling for the regulate gymnasium work but as there are but a limited number of Freshmen, who can be retained on the squad it will be a case of first come, first served.

Last year the Athletic Council voted to award a "T" to members of the team under certain conditions. With this as an incentive it is hoped that a large number of men will be on hand today at the first call.

1917 FOOTBALL

New Coach Will Address Candidates This Afternoon.

Robert E. Harper, the coach just secured for the Sophomore Football team, will address all candidates at the Gym this afternoon at four o'clock. Harper comes from the Colorado School of Mines, where he earned a wide reputation as coach of the football team.

The Sophomore Board particularly urges new men to come out, as all the backfield positions and a number in the line are left vacant by the failure of last year's players to return to school. Practice will be held every other day at the Oval. Men who report early will have the best chances to make the team.

CALENDAR

Wednesday, September 30.

1.00—Rifle Club meeting. 27 Rogers.
1.00—Southern Club meeting. 21 Rogers.

1.30—Meeting of all news men on THE TECH.

4.00—1917 Football. Gym.

4.00—1918 Relay. Gym.

5.00—Wrestling candidates. Gym.

Wednesday, September 30.

Thursday, October 1.

4.00—Institute Committee. 8 Engineering C.

4.00—1918 Football. Gym.

7.00—Musical Clubs Executive Committee. Union

8.00—Boston Y. M. C. A. Opening Night.

Friday, October 2.

1.00—Sophomore Meeting. H. H.

5.00—Technique Board. Union.

THE TECH

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WEDNESDAY, SEPTEMBER 30, 1914

IN CHARGE OF THIS ISSUE

Editor, H. E. Lobdell, '17.
Assistant, B. N. Stimets, '16.

The time has come when each underclassman should decide the question, "What shall I do to help my class win Field Day?" Many will dodge this question with some such excuse as "I'm too busy," "I'm not very strong," or "What good will it do me?" Such individuals forget that one-third of the time they waste daily would suffice; that no one knows his own power until he tries; and that the most successful selfishness is unselfishness.

To come down to plain facts, it is constantly being proved that what you get out of your business, your social relations, or your school, is proportional to what you put into it. The men to whom Tech has given financial success, power, fame, and above all true enjoyment of life, are the men who have given of their best to Tech not only in the class-room, but in as many different ways as they could find or create opportunity.

1918 MEETING (Continued from Page One)

opportunities they could,—not merely educational, but social and athletic as well. Boston, as a center for art, science, literature, and music, offers excellent chances for self-improvement; and all should realize that "success is not dependent on strictly professional equipment. The things of permanent value are habits of action and thought." One object of technological training is to give men the habits of steady work, and of attacking problems scientifically. Some of the greatest errors of mankind have occurred because people as-

HAWAIIAN VOLCAHO

(Continued from Page One)

sented by the volume is the prophecy of Professor Jaggar concerning the future eruptions of the volcano of Mauna Loa in the Hawaiian Islands.

MONTHLY CANDIDATES

Meeting For Men Who Wish To Try Out Monday.

New men in the Institute and others wishing to try out for the business, editorial, and managerial staffs of the Technology Monthly will meet Monday, October 5, at 1 p. m. and 4.15 p. m. in the Technology Monthly Office. Friday's issue of THE TECH will contain further particulars.

FACULTY NOTICES

Second Year English Literature—Courses XI and XIV will meet Friday and Monday at 12. A. to K in 16 Rogers; L to Z in 22 Lowell.

General Library—The General Library will be closed on Wednesday, September 30th, from 2 to 5 p. m. It will be open in the evening as usual.
R. P. Bigelow.

Fourth Year, Course III—Beginning Monday, October 5th, the following changes will take place in Course III.

Fossils, Option 3, is changed from 11-12 on Monday to 12-1 on Monday.

Mining Engineering is changed from 12-1 to 11-12 on Monday.

Mining and Metallurgical Calculations, Options 1 and 2, is changed from 23 on Friday to 12-1 on Monday.

Testing Materials Laboratory, Options 1 and 2, is changed from 3-5 on Friday to 2-5 on Friday.

Fourth Year, Course XI—The exercises in Hydraulic and Sanitary Engineering and in Hydraulics are interchanged on Saturday.

First Year—Section 19 in Chemistry recitation will meet on Monday at 11 instead of 12 as noted on the Revised Bulletin.

Five weeks and two days to Field Day.

1917 Football. Gym. Four o'clock.

sumed as true that which they wished to be true. All should cultivate and apply the scientific method throughout life.

After a rousing cheer for the President, the Class adopted the constitution, which was read by Loomis. Loomis told the class that, although the entire Institute would help them, their ultimate success would be "up to themselves." In pursuance of the same idea, he urged them to come out promptly for the Field Day Teams.

Temporary Treasurer Sully read the names of the due collectors in the first twenty sections. Complete lists of these collectors will be posted on all the bulletin boards. The Juniors in charge of the Field Day teams are conducting competitions for the managership of these teams.

What About Your Meals?

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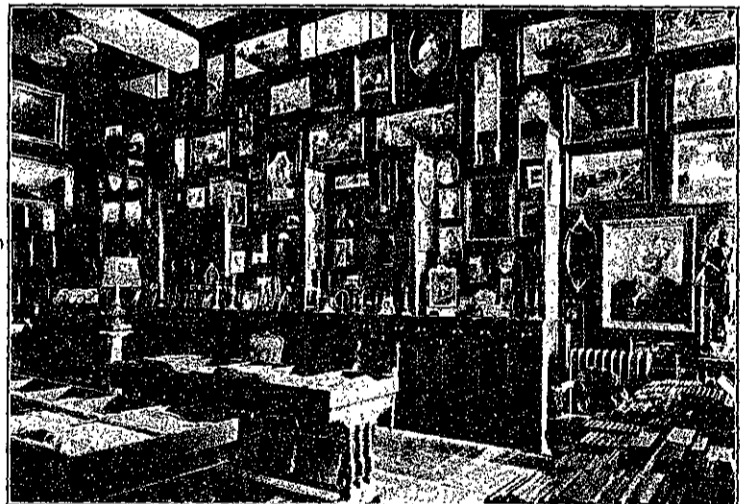
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NOVEMBER "MONTHLY"
OUT NEXT MONDAY

Contents Includes Articles By
Prominent Institute
Men.

Volume I, Number 4 of the combined Technology Monthly and Harvard Engineering Journal is now on the press and will be issued Monday, October 5. This issue is designed with special reference to the Freshmen and other new men of the Institute. The table of contents contains the names of many of the more prominent Institute men and of several graduates.

Millis, '16, and Loomis, '16, have articles on phases of undergraduate life. Mr. John Ritchie, Jr., head of the Institute's News service will present an article on "The Present Status of New Technology,"—outlining the effects of the land decision on the change in plans at the New Site.

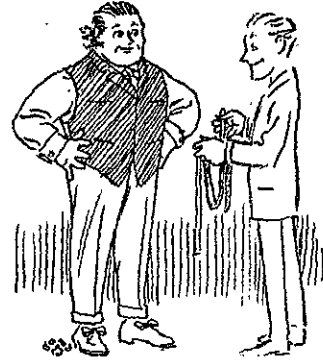
Charles S. Shaunessy, a recent though well known graduate of the Harvard Engineering School has written an article on the construction details and experiences at the Mekeel Tunnel, Catskill Aqueduct. Professor Ralph Adams Cram, the new head of the Architectural Department has written on the subject, "Architecture and the Present Crisis." He addresses his remarks especially to the younger professional men. Major Briggs, Technology's well known athletic benefactor, gives the details of the new running track and athletic field complete in the issue. Other articles are by Whitehead, '13, Best, '15, and Professor Morgan of Marietta College. Five of the articles are illustrated with numerous diagrams and photographs.

BOSTON Y. M. C. U.

The President of the Boston Young Men's Christian Union, 48 Boylston street, Boston, extends a cordial invitation to the young men of the Institute to attend the season's opening night on Thursday evening, October the 1st at 8 o'clock.

TECHNIQUE BOARD

There will be a meeting of the Technique 1916 Board in the Technique office, Friday afternoon at five o'clock.



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 of all the men on THE TECH today
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News Men. Lower Office. 1.30 To-
 day.

Wrestling Candidates. Gym. 5 p. m.

1918 Relay. Gym. Four o'clock.

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