

# THE TECH

VOL. XXX. NO. 3

BOSTON, MASS., FRIDAY, SEPTEMBER 30, 1910

PRICE TWO CENTS

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Drill twice a week, with one hour periods instead of two, will be the system for the first term, as it was last year. The same style of drill suit will be worn, but the department has selected a new style of cap, which it is hoped will make a better appearance than the old. Freshmen should exercise considerable discretion in purchasing second-hand drill suits from upper classmen, for all suits must fit well and be in suitable condition to pass a reasonably close inspection. The old style hats will not be tolerated.

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The 252 Cadets present at inspection were organized as Field, Staff, Band and a four-company Battalion.

The drills and ceremonies took place in the South Armory, near the Massachusetts Institute of Technology. The battalion review (in quick time) was good; the alignment was excellent. Battalion inspection: rifles were in serviceable condition—most of them contained considerable oil. Most of the Cadets are well set up and wore neat uniforms that fit well. The general appearance was very good. The Cadets questioned had a fair knowledge of nomenclature of the rifle. Most of the band instruments belong to the Institute and were in good condition. The music was good.

The battalion parade, battalion and company close order drills, manual of arms and marching were good. The Institute has no suitable drill grounds or target range.

P. D. LOCHRIDGE, Captain,  
General Staff Corps Inspector.

## TECH MAN WINS PRIZE

### Custer 1912, In Dayton Meet

Two trophies of the recent balloon contests at Dayton, O., were awarded to Luzerne Custer, 1912, of that city. The aviation day committee offered three prizes for the longest distance covered in three hours. The first of these prizes, together with a special prize, for general conditions attending the flight, offered by the International Aeroplane Club, went to Custer, who sailed from Dayton to Sharon, a distance of 42 miles, in the allotted time. He was accompanied on his flight by another Tech student, Freeman Pietzinger, 1911.

Custer is a member of the Junior Class and a Course VI man. He has two more trips to qualify as a balloon pilot and is the inventor of a statoscope, an instrument which records the ascension or descent of the balloon. Although taking the electrical engineering course, he has always taken a deep interest in aeronautic affairs.

## OPPOSITION TO FRESHMAN-SOPHOMORE ROUGH-HOUSE

### Several Professors Have Given Their Views On This Matter

The dinner to be given the Class of 1914 brings up a renewal of the time-worn custom of Freshman-Sophomore rough-house, following the kidnapping of the Freshman chairman by the "live" Sophs. The Tech presents the views of a few of the Faculty and men prominent in Institute affairs.

Dean A. E. Burton, in an interview yesterday, stated that such child play hurt the standing of the Institute as a leader among technical schools. "We find no such actions in the Medical or Law Schools, or other technical schools, and why should we have to endure it? I do not believe that it has the general support of the classes involved, but is confined to individual sets. Various members of the Alumni have been to me and protested against the unfortunate newspaper advertising which Technology gets because of such occurrences. I think that it should be done away with."

Prof. A. A. Noyes, former Acting President of M. I. T., and head of the Chemical Research Laboratory, designates it as not in the least appropriate or in accordance with the Institute spirit.

Prof. A. L. Merrill, Secretary of the Faculty, says that a little harmless friction would be all right, but he considers that it has not been kept within the proper limits.

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Prof. Pope of the same department certainly does not approve.

Prof. Bartlett of the Mathematical Department does not object as long as the rough-house is not carried so far as to disturb the community or inflict personal injuries.

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Pres. Eicher of the Class of 1912 says he can see no fun and no advantage to be gained by such actions.

Pres. Holmes of 1913 believes that some such jollity is the natural thing on such an occasion. However, it is his opinion that it should be toned down from year to year and eventually abolished. He believes that it is one of the few touches of college life which we have here and does not expect to see it abolished this year, although nothing will be done by 1913 as a class.

H. E. Kebbon, 1912, editor-in-chief of Technique, 1912, believes it is a good thing, as it gives some spirit to Institute life. He hopes it will not be carried to extremes.

Temporary Chairman Kreuger of 1914 refused to talk, with the exception of stating that he did not have any desire to be kidnapped.

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A brief outline of the purpose and character of these runs may prove of benefit to those who are interested in out-door distance running, but have never been on one of these runs, for it appeals not only to candidates for the cross-country team, but to all who have no other athletic exercise and who seek some open-air work.

Almost every Saturday during the spring and fall the squad goes to one of the outlying suburbs. Two or more men are chosen, who are acquainted with the country, to run as hares and lay a trail of cut paper for the others, running as hounds, to follow. This trail leads across fields, fences, cornstubble, marsh and macadam, and gives a decided relief from the monotony of city streets, aside from its practical value in cross-country training and general development.

After laying a trail over half the proposed length of the run, the hares return another route to some point within about a half mile from the start, where they stop laying trail and leave their bags. When the hounds reach the place where the scent ends, they look for the bags, and then sprint for the finish.

This final race-in comes as a supreme test of speed and endurance, coming, as it does, after the long, slow strain of the main course. As the men arrive, each one is handed a card with the order of his finish.

While of course these runs are chiefly for candidates for the cross-country team, many show up regularly who have no thoughts of making the team, but who seek merely the physical benefits to be acquired by out-of-door exercise. These men are encouraged partly because a fellow who has never done any long-distance running, or at least has never excelled in it, frequently has developed into valuable team material in a comparatively short time. To accommodate such men, two squads are run as soon as the season gets in full swing. The first, or fast, squad includes candidates for the 'varsity or class teams; the other, or slow squad, travels at a slower rate, adjusting its pace to that of the slowest man in it. Any man in the fast squad who finds the pace too hot for him can drop back into the slow squad and finish with it.

The runs at Hyde Park are particularly popular. The Y. M. C. A. building is thrown open to the men and its shower baths and swimming pool are at their service. These luxuries are appreciated to the full after the long, hot, dusty trail and are thoroughly enjoyed. Several good courses are laid out in this town, and the Blue Hills and Stony Brook reservations are within easy reach. The first run of each season is usually held here.

E. W. DeWitt, 1911, chase captain, urges all men interested to be ready with running togs and shoes without spikes for the train from Back Bay tomorrow at 2.19.

## FRESHMEN HOLD THE FIRST MEETING OF YEAR

### Dean Burton Delivers Welcome Addresses--Kreuger Chosen Temporary Chairman

It was a most enthusiastic crowd of Freshmen that assembled in Huntington Hall last Wednesday to hear Dean Burton give the annual welcoming address to the entering class. The hall was crowded and all 1914 men, as well as a number of upper classmen, listened attentively to what the Dean had to say. President MacLaurin it was hoped would also be present, but, owing to an unfortunate delay, he did not appear.

In his address, Dean Burton emphasized the fact that the Institute is primarily a place for men to work. Impressing upon the men that they have come for a serious purpose, he cautioned them to aid in upholding the good name of Technology. All unsportsmanlike interclass competition is now receiving the disapproval of every one connected with the Institute. The Dean also urged the men of the entering class that a strong, healthy body is as necessary as a well-trained mind. During the address, Dean Burton spoke of Military Drill and Freshman gymnasium exercises, and mentioned the fact that conscientious work on the part of all the men was expected.

At the close of the address A. Eicher, President of last year's Sophomore Class, organized for the first time the Class of 1914. He issued a call for men to try for the various class teams, and his remarks were followed by the following men, who also urged the men to try for positions on the teams: J. Whittlesey for football, L. A. Duyser for tug-of-war, J. S. Grant for relay, H. S. Benson for track work and R. H. Ranger for The Tech.

The Freshmen then elected Theodore Kreuger of Winchester, Mass., for temporary chairman, and R. C. Davernus, T. L. Close and R. D. Brown for managers of football, relay and tug-of-war, respectively.

## FIFTEEN CANDIDATES REPORT FOR ROWING

Fall rowing practice started yesterday afternoon. In spite of the fact that no general announcement had been made fifteen men reported at the Union Boat Club boathouse ready for practice. This included four new men, who were no out last year, one of them a Freshman. The shell used last spring is available now, and as soon as enough candidate report, at least one more will be secured. The work yesterday was on the machines, but the squad will undoubtedly get on the river this week.

Manager Herreschoff has arranged races this fall, except between the first and second crews. No definite crew will be picked, but every man who report for practice will be given a chance to row in a shell.

(Continued on page 4.)

#### CALENDAR.

Friday, Sept. 30.

7:30—T. C. A. Reception to freshmen at the Union

Saturday, Oct. 1

6:30—The Tech freshman dinner at the Union.

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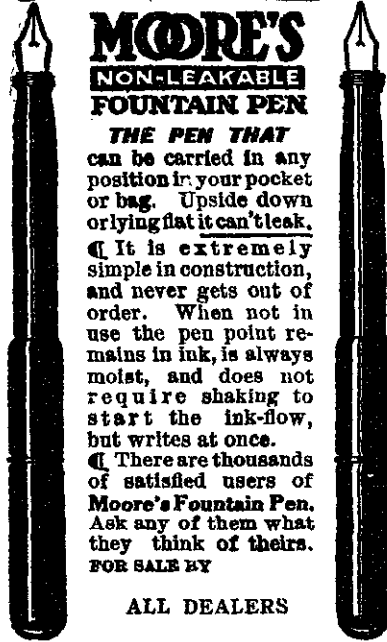
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**NOTICES**

ALL CANDIDATES for positions on the news department of The Tech meet in the lower office, Tech Union, Friday, September 30 at 4.00 P. M.

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EXCEPTIONALLY NICE ROOMS for Tech men—\$3.00 and upwards. 55 St. Stephen St., near Symphony Hall.  
J. C. WATSON.

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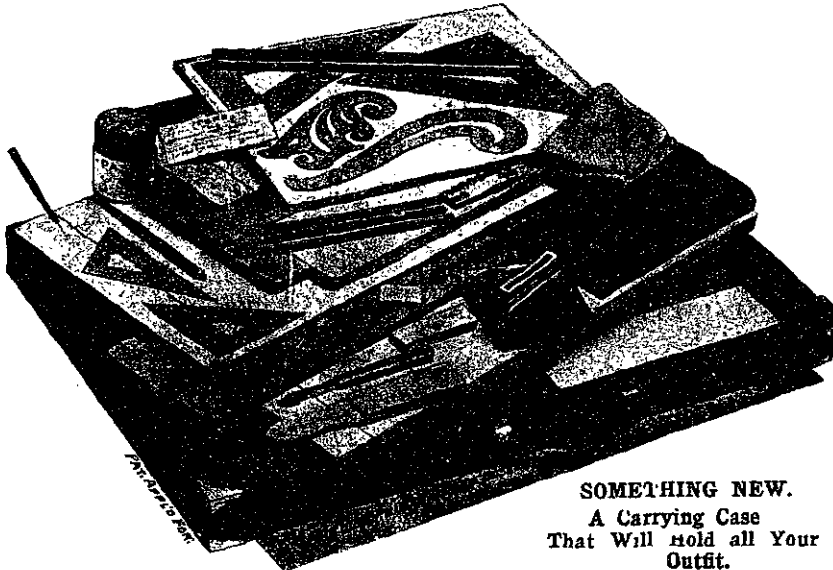
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R. H. Ranger 1911 .....Gen. Mgr.

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G. M. Keith 1912 .....Editor-in-Chief  
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S. E. Bates 1911 .....Institute Editor  
P. M. Tyler 1912 .....Athletic Editor  
D. J. McGrath 1912 ....Societies Editor  
T. E. Senior 1913 ....Gen'l News Editor

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BOSTON, MASS., SEPT. 30, 1910.

The informal canvass of public opinion concerning the Sophomore-Freshman serenade connected with the first Freshman dinner, brings out the following points: In general, the older opinion is agreed that such horse-play as has been exhibited in the past is not only puerile, but also harmful to the Institute's reputation, and that it should be done away with. The younger opinion is that such rough-house is good sport, but does no good, and should never be carried to extremes reached in past years.

## T. G. A. DINNER TONIGHT

### Prominent Students and Dr. G. W. Tupper To Address Men

The first event of the season at which the Freshmen will receive their initial glimpses into student activities takes place Friday night, at 8 o'clock, in the rooms of the Technology Union.

The list of speakers points to a very interesting evening for the new men. A list of the speakers and their topics follow:

P. L. Caldwell will talk on the Musical Club, a matter of interest to every one. T. B. Parker is to address the meeting on the subject of basket ball. W. Salisbury and Mr. F. Kanaley will speak on the general prospect for athletics. I. W. Wilson will talk on the coming Tech show. R. H. Ranger on

The Tech. W. Warner on the Technology Christian Association.

Dr. George W. Tupper has prepared an interesting lecture, the subject of which is "The Immigrant Problem and What It Means to Students."

About 400 men are expected to be present. After the dinner, refreshments will be served in the room upstairs and the old Tech songs will be sung.

As this is the first meeting of the new men, a general spirit of good fellowship will be shown, and no class distinctions made. The entire entertainment is free, and every man from all the classes is requested to attend and help make the affair successful.

## AERO CLUB PLANS

The Aero Club of Massachusetts Institute of Technology will start off its season of 1910-1911 with a dinner for all the members. The date has not yet been set, but President E. N. Fales states that it will probably be held some day next week.

Last year the club succeeded in building a glider of the biplane type, with which some successful flights were made. Toward the end of the term, it was unfortunately partially demolished by a collision with a telegraph pole during a practice flight by one of the members of the club.

## 1914 DINNER TOMORROW

Tomorrow evening, at 6.30, the Freshman Class will hold its initial event, the first 1914 Class Dinner, at the Tech Union. Mr. Scharff, 1909, manager of the dining room, has promised one of the best menus that has ever yet been drawn up for a class. Last year 205 attended the 1913 dinner, and a larger number than this is expected this year from the Class of 1914.

As the first two speakers, R. H. Ranger, General Manager of The Tech, will introduce Dean Burton and Prof. Sedgwick.

Dean Burton has always considered this as his opportunity to give the entering class some idea of what the Institute stands for. It is possible in the Union to be less informal than either Huntington Hall or the Roger's office will permit, and it has always proved well worth the closest attention of every one.

Prof. Sedgwick does not come in contact with a large number of the Institute men in his regular courses, but these few who do come into the Biology courses always appreciate the fact that Prof. Sedgwick is not only among the leaders in sanitary science, but is also a leader among the men who are advancing this country generally. He will be sure to have some good advice that will be of great advantage to the men entering upon at least four years of Institute life.

There will be other good speakers, all of whom will have something to say that will make life at the Institute and after a little more worth living.

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### 1913 OFFICERS MEET

The first meeting of last year's officers of the Class of 1913 was held yesterday in the Union. Eight men were present and the business of launching the class on its second year was discussed. According to the Class Constitution, managers for the Sophomore teams were elected. H. D. Peck was chosen for manager of the track team and A. L. Milliken for tug-of-war. G. Fallon was last year chosen to manage the football team for the present year.

It was decided that the first class meeting of the year should be held on Monday, Oct. 2, at one o'clock, in Huntington Hall. It is hoped that the entire class will be present, for much important work is to be considered. The election of the new officers will take place in the usual manner. At the coming meeting President Holmes will name the committee in charge of nominations. All nominations must be in by Oct. 9. Ballots will then be sent to all members of the class and these ballots must be returned to the Cage by Oct. 16.

No man's vote will be valid, however, unless he has paid his class dues. Treasurer Birchard will receive the dues (\$1.00) between now and the 16th, and the dues may also be left at the Cage.

At yesterday's meeting the Theatre Committee was chosen. This committee takes charge of the class arrangements at the theatre on the night after old day. Those elected were C. Cairns, W. Nutter and W. Katzenberger.

### TRULL 1913 CAPTAIN

Yesterday noon C. E. Trull was elected captain of the Sophomore relay team for the coming year by the members of last year's team. Two votes were required, the first resulting in a tie between Trull and R. C. Thompson. This election was made necessary because H. G. Burnham, who was elected to the captaincy last year, has not returned to Technology this year. H. S. Birchard, captain of 1913's tug-of-war team ad-

### SUMMER MINING SCHOOL

The mining summer school, consisting of nine students and three teachers, visited the iron mines of Mesaba, Minnesota, the copper mines, mills and furnaces of Lake Superior, the nickel mines and furnaces of Sudbury, Ontario, and the silver mines and concentrators of Cobalt, Ontario.

Mining in Mesaba district is the simplest and least expensive of all, a blast loosens thousands of tons, a steam shovel loads the car, a sample of the car is analyzed for phosphorus, and the result wired to Duluth before the car arrives there; the car load is then put in the proper bin with others of the same phosphorus. The ore boat pulls up alongside and it is loaded with the grade wanted, a letter to Lake Erie port tells the grade and therefore the ore heap to which the cargo is to be consigned. The car from there delivers it at the furnace.

The native copper of Lake Superior, renowned for its purity, is broken by huge stamps, concentrated by jigs and tables, refined in reverberatories and shipped to the manufactories all over the country as ingot for alloys, as wire bar and as cake copper for rolling into plates. The wire is tested for torsion, conductivity, tensile strength and permanent set.

The students got many valuable ideas from the visits.

Nearly all members of 1911 in Course 3 who were at the Institute last year have returned for senior work.

Plans are being made for the first meeting and address of the Min. Eng. Soc. which will be held early in October.

Mr. B. S. Wohlgenuth, B. S. 1910, is back this year as an assistant in the Mining Eng. Dept. He is at present engaged in analyzing an ore which will later be used for a blast furnace run by the Senior Mining Class.

dressed the meeting, urging conscientious practice, which, he said, is essential to success against 1914 on Field Day. Manager Horner presided.

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**NOTICES**

ALL CANDIDATES for positions on the news department of The Tech meet in the lower office, Tech Union, Friday, September 30 at 4.00 P. M.

CIVIL ENG. SOCIETY dinner Thursday, Oct. 6, in the Union, at 6.30 SHARP. Mr. Louis K. Rourke, supt. of streets, Boston, formerly asst. to chief engineer of Panama Canal, will give a popular talk on the PANAMA CANAL. All Sophomores and new men who intend to become members of the society should signify their intentions at this meeting. 10-6-10

THIRD YEAR.—Men wishing to take Advanced Composition are requested to send their names and their free hours to Professor Bates as soon as possible.

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**FACULTY NOTICE**

REVISED LIST OF HOURS FOR SECTIONS IN POLITICAL ECONOMY.

Course VI, 1 and 2, Section Hour, Mon. 11.00; Room 42 R.; Instructor, Prof. Doten.

Course I, Section Hour, Tues., 9; Room 26 L.; Instructor, Prof. Doten.

Course II, Section Hour, Wed. 11; Room 26 L.; Instructor, Prof. Dewey.

Courses VI, 3, VIII and XIV, Section Hour, Wed. 12; Room 42 R.; Instructor, Prof. Dewey.

Courses III and IV, Section Hour, Thurs. 9; Room 26 L.; Instructor, Prof. Doten.

Course II, 2, Section Hour, Thurs. 10; Room 26 L.; Instructor, Prof. Doten.

Courses V, VII, X, XII, XIII, Section Hour, Fri., 9; Room 42 R.; Instructor, Prof. Doten.

Courses 1 2 and XI, Section Hour, Fri. 10; Room 42 R.; Instructor, Prof. Doten.  
D. R. DEWEY.

**CANDIDATES FOR ROWING.**

(Continued from page 1.)

The purpose of the work this fall is to interest the candidates, particularly new men, and keep them in training. An effort will be made to develop the men individually, rather than as a crew.

Financially, the crew's prospects are very hopeful. The Alumni seem to be interested in rowing, and, while they have not yet contributed enough to put the crew on a firm financial footing, indications point to the probability of a crew next spring. The Chicago Alumni have promised to help out, but the amount has not been announced.

Coach Wm. O'Leary has been retained and crew practice will be held every day at the Union B. C. at 4.30. The following men reported for practice yesterday:

Capt. W. N. Gere, 1912; G. Herreschoff, 1912; W. M. Ruby, 1912; I. W. Pinnock, 1913; H. C. Frisbee, 1911; E. B. Wittengil, 1912; H. J. Jenks, 1911; E. O. Upham, 1912; H. A. Babcock, 1912; J. E. Whittlesey, 1912; K. C. McKenney, 1912; E. D. Hayward, 1914; C. W. Hale, 1913; R. G. Adams, 1911; E. C. Gere, 1913.

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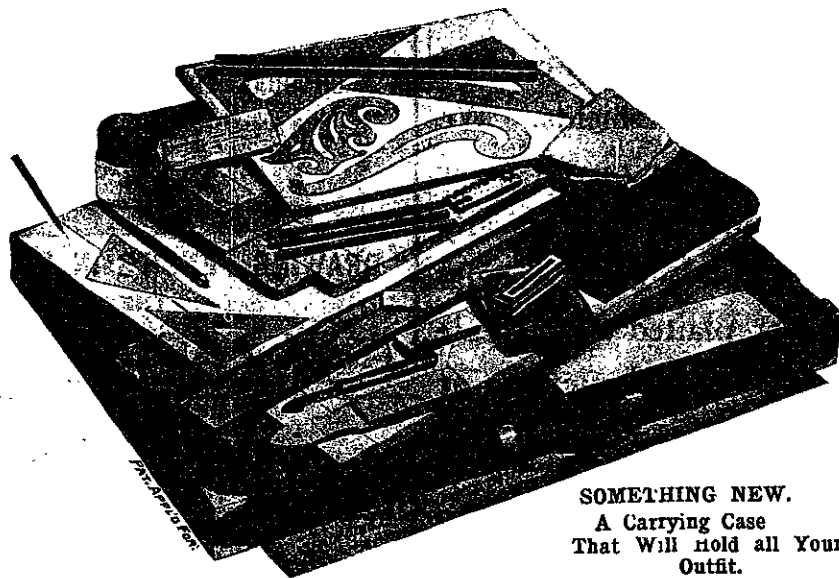
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