

THE TECH

VOL. XXX. NO. 30

BOSTON, MASS., WEDNESDAY, NOVEMBER 9 1910

PRICE TWO CENTS

SOPHOMORES SET NEW RELAY RECORD

Go Mile and a Half Relay in
4 Minutes, 59 3-5
Seconds.

PASSING WAS POOR.

Slower Time Made Than in Practice,
Due to Cold
Day.

By doing the mile and a half relay at the Field in 4 minutes 59 3-5 seconds, the 1913 relay team set a new record for the Field yesterday afternoon. An all-star team picked from the three remaining classes ran against 1913, but instead of carrying the flag each man from the team started at the same time as his opponent, regardless of when his teammate finished, thus keeping the two corresponding runners in a close race.

The track was in very good condition, but the air was rather chilly and the passing of the men was not good. Although lowering the record, they did not show up as well as they had done before Field Day in practice. Moreover a good many of the team have broken training since Field Day.

A feature of the race was the remarkable running of Strachan 1913, who finished his lap only about five yards behind Salisbury.

The following men composed the teams:

1913.

J. J. Strachan, R. D. Sampson, R. B. Haynes, A. D. Conant, G. D. Sampson, W. R. Matson, E. W. Brewster, A. R. Atwater, W. R. Bylund, B. C. Thompson, B. S. Munch, C. E. Trull.

All-Star.

W. C. Salisbury 1911, C. F. Cairns 1913, F. C. Hersom 1913, J. J. Strachan 1913, R. D. Sampson 1913, R. B. Haynes 1913.

Each of these men ran twice as there were not enough present to compose a full team.

The officials were:

Timers, Von S. Churchman, B. A. A., and Morse, B. A. A.

Judges, Billings, B. A. A., and P. D. White 1911.

ACTIVITIES OF JUNIOR PRESIDENT NOMINEES

Junior Class Ballots Due This
Afternoon—Dues Must
Be Paid.

Owing to the rather widespread feeling in the Junior class that the candidates for the office of President for the coming year have not received sufficient publicity, The Tech has consented to print the following lists of organizations and activities in which the candidates have participated.

Charles Hamlin Carpenter, Course II, was a member of the Tech Show Chorus in his Freshman year, treasurer of the class in Freshman and Sophomore years, member of Tech League Electoral Committee, member of the Union Committee for two years, and is now chairman of the Union Dining Room Committee.

Edward Montgomery, Course X, has been a candidate for track work and basketball.

Walter Morley Ruby, Course II, was a member of Freshman Pipe Committee, member of class basketball team during both underclass years, principal in "The PB Organ," member of crew, member of class Executive Committee in Sophomore year, and winner of "A T a" in interclass meet last year.

1913 CLASS DINNER TONIGHT AT UNION

Prefs. Sedgwick, Dewey, Hay-
ward and Dean Burton
Will Speak.

ELECTIONS TO BE ANNOUNCED.

Very Few Votes Cast So Far and
Few Men Have Paid
Class Dues.

The Junior class will hold its class dinner tonight at 8.15, in the Union. The results of the 1913 elections will be announced and a big time is promised. Professors Sedgwick, Dewey, Hayward and Dean Burton will address the class, and it will be worth while for every member to be present. It is hoped that the fact that the election results are to be announced will bring a large number. The voting up to the present has been exceptionally light, and an urgent request is made that every one pay his class dues and have his ballot made out and left at the Cage before 4 P. M. today. There has been a very poor showing of class spirit in the failure to pay up class dues and vote, and it is hoped that this showing is only temporary.

FIRST PRACTICE OF GYM TEAM YESTERDAY

Only Seven Freshmen Report
Out of a Total of
Twenty-Nine.

Thirteen-Fourteen certainly showed an active interest in the Institute work yesterday afternoon. Of the twenty-nine men who reported for practice seven were Freshmen. This is a good field for every man to work in as the work is effected by constant practice only. Everyone will be entered in the first few exhibitions. There will be a novice week during the third week of December to size up the material. The winners of the first three places in each event will probably be picked to represent Tech in the intercollegiate meets which will come during February and March.

The men who have reported are: S. S. Crocker, captain; S. M. Baxter, T. T. Sada, L. A. Bevan 1913, R. Smythe-Martin, R. Freeman W. de Katzenburger, Orrand Roberts, from 1913; W. B. Denton, A. G. Hereshoff and Goldman, from 1912; B. Darrow and W. D. Allen, from 1911. The Freshmen are C. H. Ober, H. H. Heroult, H. Cohen, L. S. Hall, O. R. Gardner, M. B. Lewis.

Mr. L. Whiting will again coach the team, and says the season looks very promising. The Varsity track team rubber has been placed at the disposal of all Tech men. Here is also a valuable asset to the team. His fee is twenty-five cents. Mr. Kanaly has announced that regular attendance at Gym team practice will be considered the equivalent of the Freshman course in Gym. It is hoped that in the very near future the team will be granted their insignia by the Athletic Association. The captain wishes to announce that the regular practice days are Tuesdays, Wednesdays and Fridays.

FRESHMAN GYM BEGINS.

Few Freshmen Showed Up at First
Exercise.

Last Monday the course in Gym for the Freshmen began. Mr. F. H. Kanaly will again conduct the course, assisted by C. P. Eldred 1911. The schedule of classes will be found on the Freshman tabular view. An in-

(Continued on Page 3.)

VARSIITY BASKETBALL PRACTICE BEGUN

Large Percentage of Last Year's
Team Report at the
Gymnasium.

FEW FRESHMEN OUT.

Schedule Begins Earlier Than Usual
This Year and Includes Nearly
Twenty Games.

Monday afternoon the Varsity basketball squad reported for their first workout. Captain Parker put the men through the usual preliminary stunts and the men seemed to show up very well for the first day. After shooting basketball for an hour two short scrimmages were held between four teams picked from the squad. All of the old Varsity men reported for work yesterday, but the manager states that the Freshmen candidates were noticeable only by their absence. Arrangements have been made by the manager with Mr. Kanaly which will allow all Freshman members of the Varsity squad to be excused from their regular gym work. All first year men who can play basketball should therefore report to the Varsity manager at 4 o'clock on Monday, Wednesday and Friday. There should be a lot of good material in the entering class, and it's just up to you, Freshman, to come out. If you can't play yourself, you know somebody who does. If you are sure that you couldn't make the Varsity why come out just the same, for you are going to have a class team some day, and the experience you can gain on the squad will help you then. You surely don't want the Sophomores to take the basketball series from you. The next practice is at 4 o'clock this afternoon, and the manager and captain will more than give you the glad hand. As the schedule this year begins much earlier than in former years it is necessary to get down to hard work and be in condition for that Christmas trip. Among the promising candidates who reported to Acting Manager Chandler 1912, on Monday, were:

H. F. Johnston 1913; G. S. Darling 1913; H. S. Crocker 1913; W. M. Ruby 1912; A. F. Crenick 1912; G. B. Sampson 1913; H. B. Russell 1914; K. C. McKenney 1912; F. L. Mowry 1912; W. A. Canady 1914; C. S. Ell 1911; A. J. Freedman 1912; W. B. Muther 1913; A. L. Palmer 1911; R. A. Leshar 1913; H. B. Horner 1913; L. C. Hart 1913; E. B. Stebben 1914.

CHORUS GIRLS BAR WAY OF ELECTRICALS

Large Delegation from E. E. Society
Refused Admittance to Boston
Opera House.

The Electrical Engineering Society held its third excursion yesterday afternoon, when they tried to inspect the power plant of the Boston Opera House. They were met by closed doors, and after frantic efforts by the committee the manager was reached by way of telephone. His mandate was that some one had overstepped their authority in allowing the inspection, because of the fact that the "chorus" was holding a rehearsal. He stated that arrangements might be made later through the proper channels to visit the plant, when the chorus was not practising.

Provost Harrison, executive head of the University of Pennsylvania, presented his resignation to the Board of Trustees early this month. The trustees refused to accept, and the outcome is doubtful.

GREAT DISCOVERIES MADE BY YALE MAN

John Hammond, Jr., Has Per-
fected Apparatus to Be Used
in Field of Telautomatics.

RADIUM USED TO CURE CANCER.

City Hospital Owns Small Piece and
Finds It Very
Effective.

The stir caused in the scientific world by the discoveries made by John Hays Hammond, Jr., son of the noted mining engineer, shows great interest, evidenced in telegraphic affairs. Young Hammond, who graduated from Yale this year, has made important investigations and discoveries in the field of "telautomatics," or wireless control of automatics. He has four patents which he believes cover a more comprehensive system than any yet devised. By a special mechanism he claims to have attained absolute selectivity, thus doing away with the interference that is so common to the ordinary wireless systems. This device, it is further claimed, by using only one kind of wave or impulse, will differentiate this impulse, at the will of the operator, into upwards of a thousand separate mechanical movements. In this way any ordinary mechanism can be controlled by wireless waves.

These patents, the "Monopulse" patents, as they are called, cover extensive systems for the control of mines, torpedoes, dirigible balloons and railroad switches. The new machines have been thoroughly tested in a remarkable experimental station which the youthful inventor has constructed at Lookout Hill, the residence of his father.

Radium Used to Cure Cancer.

A five-grain piece of radium costs \$5,000, and for that reason it will probably never become a common home remedy. Its use, however, would not be uneconomical. A piece of this precious element is owned by the Boston City Hospital and is carried in a little disk about the size of a dime—perhaps a trifle larger. Covered with a thin rubber, which can be changed between patients, it is passed over the diseased surface, very much as an ointment is used. This method of treatment of cancer is very efficacious, and because of it, the X-ray as a cancer cure is fast falling into disuse at the City Hospital. That device is, however, coming to have increasing value in the diagnosis of pulmonary diseases. By it the presence of the tuberculosis infection may be detected long in advance of any of the popularly known physical signs, and since early determination of this dread disease is nine points towards its cure, this discovery, as it is steadily developing, should prove effective in the war on the white plague.

The Kappa Kappa Gamma sorority at Kansas University is discussing the plans for a new \$25,000 chapter houses.

A large gray skull cap, short visor type, with an orange button, is the official Freshman cap at Oberlin.

CALENDAR.

Wednesday.

4.00—Architectural Society Business Meeting—42 P.
4.00—Basketball Practice—Gym.
4.00—1913 Elections Close.
6.15—Catholic Club Dinner—Union.

Thursday.

4.00—Mandolin Club Rehearsal—Union.

THE TECH

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S. E. Bates 1911..... Managing Editor
P. M. Tyler 1912..... Athletic Editor
T. E. Senior 1913..... Gen'l News Editor
R. S. Rankin 1913..... Societies Editor

Business Board.

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Associate Editors.

E. W. Tarr 1912..... Institute
E. W. Taft 1913..... Societies

A. L. Myers 1911..... News Staff

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WEDNESDAY, NOVEMBER 9, 1910.

The Tech is very sorry to announce the resignation of Paul M. Taylor 1913, from the position of Athletic Editor. Elliot W. Tarr 1912, has been elected to the position.

Are you going to be there to give the cross-country team a good send-off?

There has been considerable feeling expressed in the Junior class that too little is known of some of the nominees for class offices to allow an intelligent vote in the elections. Consequently many seem to regard the difficulty as solved by not voting at all. This is not the right spirit. This is evasion rather than solution of the question. Every Junior should count it his duty to meet the men upon whom he is doubtful and thus judge for himself their qualifications for the positions. A list of activities of the different men may aid in the selection of the most efficient men, but should not be made the only consideration in the choice of the best men. Remember, elections close this afternoon at 4 o'clock.

RESULTS OF FRESHMAN CLASS ELECTIONS

Krueger Chosen President—
Minor Offices Closely Contested.

The Election Committee of the class of 1914 held a meeting last night at the Union, at which the ballots of the final election were counted. The following are the officers of the class as given out by the committee:

- Theodore K. Krueger, President.
- A. C. Dorrance, Vice-President.
- Paul H. Taylor, Secretary.
- Paul B. O'Brien, Treasurer.
- Arthur R. Stubbs and A. H. Waitt, Institute Committee.
- Howard L. Stone and H. A. Mayer, Executive Committee.
- Thomas L. Chase, Charles P. Fisk, C. E. Fox, T. H. Guething and G. W. White, Athletic Association.

Treasurer Owen announces that he will be glad to receive the class dues from those who have not yet paid, since some heavy class bills will have to be met at once.

The number of valid ballots would have been larger had all ballots been accompanied by class dues, as required by the election rules.

According to a ruling of last year's Institute Committee the number of votes cast for each contestant will be posted on the bulletin board.

THE HORNETS NEST

"I guess the Hech will print its annual message from the police soon," observed Dick as the quartette were walking home yesterday.

"What message is that?" asked the Freshman.

"Oh, the usual dope about crossing the tracks at Dartmouth street," replied the Junior. "You Freshmen always have to be told about it. You simply don't know any better than to get yourself and the Institute in a bad fix."

"The Hech will put Chief Gosmeaur on the news staff if he does send in any stuff," remarked the Senior. "If I were the one solitary man on it now I'd die or resign from sheer lonesomeness. The fellows ought to cut out this jumping over the fence though."

"We ought to get somebody after a lot of these committee men around the 'Stute,' too," put in Cad. "It seems to me that all these chosen ones do is to sleep on their jobs. Why, at neither of the recent rallies was one single chair placed, as if some one was to speak. Absolutely no arrangements had been made."

"No one would have come if they had prepared," said the Billiken. "The only way to get a Tech man to an evening entertainment at the Union is to sell him a ticket or pull him around with a rope. A committee man's job is a thankless thing anyhow."

"However, that's no excuse for not trying," responded Cad.

"Well, I don't care who does it, but I do wish that some one would fix that street door of the Union," put in Dick.

"What's the trouble with you?" queried the Billiken.

"Well, you know you can't see through that door, and the other day I was late and hit the inside of the said door at a mile-a-minute clip just as some one gave it a yank from without. Yesterday I was invited to try out for the Gym team on the strength of my tumbling ability. It's rather hard on one's neck, though, especially if he has on one of these close fitting collars. Gee, my feet stung for an hour!"

"Cheer up, Dick," soothed Cad. "Think of the poor devils who have landed on their heads."

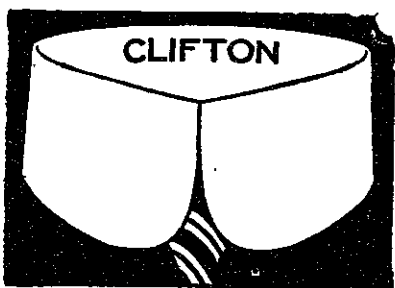
"What was that remark?" asked the Freshman.

"Oh, the kid's been rubbing at a hobble skirt again," roared the Sophomore. "I'm glad we're home. Open the door, Freshman."

(Continued from Page 1.)
teresting and beneficial program has been arranged by the director, including work on the apparatus and free movements.

There was a very poor attendance at the first class, probably due to ignorance of the importance attached to this course. Mr. Kanaly would have the men of 1914 understand that this course is required by the Faculty for graduation. It is well for the first year men to keep this fact in view, as it will be found quite irksome and disadvantageous to attempt to carry this course while taking work in the upper classes. Four absences from the Gym must be made up; and if anyone is absent ten times he must repeat the course.

The exercises will be accompanied by music, to be furnished by E. H. Shell 1912. This is an important feature of the course as it serves as a diversion and to give the fellows a good time.



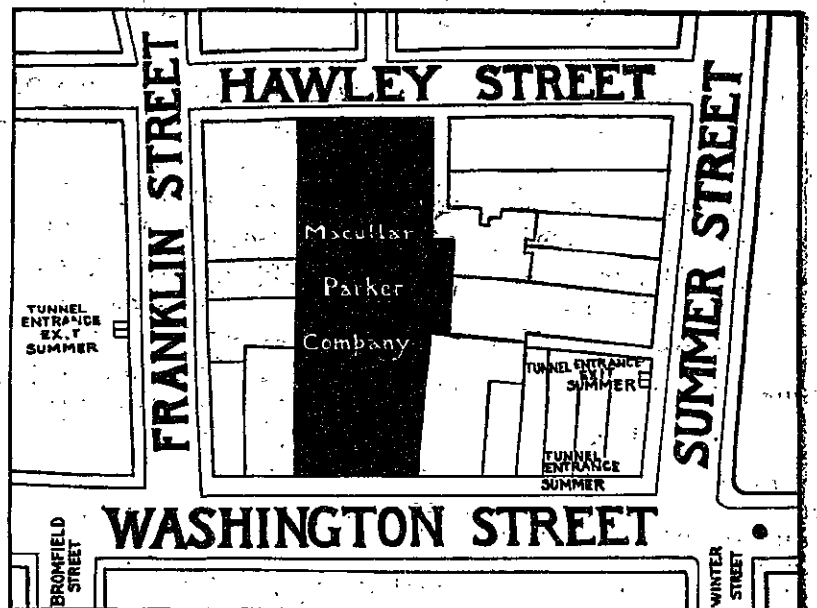
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MEETING OF ARCHITECTS TODAY

F. A. Burton Will Tell of His Recent Trip to Europe.

At 4 o'clock this afternoon the Architectural Club will hold its regular monthly meeting in Room 42, Pierce Building. A business meeting, in which several important matters are to be attended to, will precede the speaker of the evening, Mr. F. A. Burton. Mr. Burton, who is the son of Dean Burton, is a very interesting speaker, and will tell about his trip through Europe during the past summer. The officers are now making arrangements to have another speaker for the next meeting, which will probably be held during the first week in next month.

TECHNIQUE BOARD MEETING.

A meeting of the Technique Board was held yesterday afternoon at 4 o'clock, in the office at the Union. The color schemes for the book were decided on, and the paper to be used was selected. Reports were received from all departments. The art competition has been started, and it is announced that all work by competitors for the art department positively must be in by Thanksgiving Day. Three assistant business managers were elected—Messrs. Gallagher, Tillinghast and Gabriel. There is a very optimistic outlook for the Technique this year, as everybody is working hard, a large number of ads are coming in, and everything points to a successful and prosperous Junior year book.

NEWS OF THE COLLEGS.

The faculty of Colorado University has returned the petition for publishing a tri-weekly paper.

Swimming and boating have been made regular athletic activities for women at Stanford.

The Michigan Law School has an enrollment of seven hundred and twenty-seven students.

The Virginia Press Association sends news of Virginia to all metropolitan papers of the East and North.

NOTICES.

DU PONT CUP.

Time for competition extended until Tuesday, Nov. 15. Old track men will be at Field to act as judges daily, except Saturday.

W. C. SALISBURY,
Captain Track Team.

FIRST YEAR.

Military Science—Course B.

The hour for Course B in Military Science will be Wednesday, 4-5, in Room 22, Rogers.

WALTER HUMPHREYS,
Registrar.

CANDIDATES FOR GRADUATION.

November 7, 1910.

Notes in regard to status with reference to graduation have been sent to Fourth Year students. Any student who has not received a note should consult me if he expects to be a candidate for graduation in June, 1911.

A. L. MERRILL,
Secretary of the Faculty.

1914.

The Gymnasium classes in Physical Training begin this week, according to the Tabular View. The attendance at the first two classes was very poor, and a large number of men have one absence against them already. There are only four cuts allowed during the year, and each man must report at his classes in order to obtain a clear record in that subject.

LOST—A Slide Rule, in leather case. Finder return to Cage for L. R. Gonnayalez. Reward. (1)

A COLLEGE DANCE will be given on November 21, at Temple Israel, Commonwealth Avenue, for Jewish college students whose homes are not in Boston. Invitations will be sent to all such who will leave their names at the office of the President's Assistant, 10 Rogers, not later than Saturday, November 12. (3, 4, 5, 6, 7)

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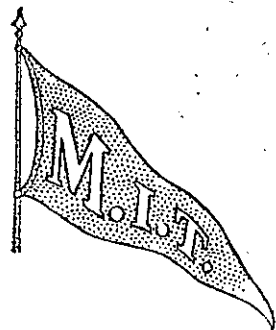
TURKISH BLEND CIGARETTES

LITERATURE

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THIRD YEAR.

ARTICLES AT THE GAGE.

On and after Wednesday, November 11, 1910, a storage fee of five cents per day will be charged on all articles left in the Gage over three days.

Per order, UNION COMMITTEE.

ROOMS.

474 MASS AVE.—Large, sunny front room; large closet, hot and cold water. \$5.00 per week for two, 20-23

ART MUSEUM.

Free tickets of admission to the Museum of Arts for the year 1910-1911 will be issued to students upon application at the ticket office at the entrance to the Museum.

H. S. STORY, Curator.

BANJO QUINTETTE TRIALS.

Trials for the Banjo Quintette will be held in the Union on Thursday at 4 P. M. This is for old and new men.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

November 7, 1910.

Attention is called to the following rule of the Faculty:

"All marks of D, except in Physical Laboratory, incurred during the first term must be removed not later than the end of the following March; those incurred in the second term must be removed not later than the end of the following November; except that extension of time may be granted by the Faculty in the case of subjects which from the character of the work can be pursued to better advantage in the term for which the record is given. All deficiencies in Physical Laboratory work must be removed at a date to be determined by the instructor, which date shall not be later than the end of the following November.

In case a mark of D is not removed at the date thus determined, the student shall be required to discontinue any dependent subjects which he is taking, and can obtain a clear record only by repeating the subject in which the D was given.

Petitions for extension of time must be presented before December 1.

A. L. MERRILL, Secretary of the Faculty.

MUSICAL CLUB READER.

Any man in the Institute who has ever done any "Reading" or entertaining of any kind, who would like to join the Musical Clubs as "Reader," please see S. W. Selfridge or H. K. Franzheim, managers, at once, and obtain particulars. (1f)

Two volumes of Technique for sale, 1894 and 1895; 1895 is dedicated by President Walker and has his picture as a frontispiece. Apply at Room 86, Walker.

DYNAMO ELECTRIC MACHINERY.

661.

Problems may be obtained by applying to Room H, Lowell Building. HARRISON W. SMITH.

BASKETBALL.

*Varsity basketball practice will begin Monday afternoon, November 7, at 4 P. M. at the Gym on Garrison street. All who intend to try for the team should report at that time. Practice will be held every Monday, Wednesday and Friday, at 4 P. M., from now on. A long list of games has been arranged and will be published later, omission today being on account of lack of space in the "Field Day Extra."

ASSISTANT MANAGER OF TECH SHOW.

Competition for assistants in the business department of Tech Show 1911, begins Saturday noon. There are three assistants to be chosen, preferably one Sophomore and two Freshmen. Manager Lanaerts will be in the Show office, Room B, Union, Saturday, from 1 until 2 o'clock, to meet all candidates.

SECOND YEAR.

November 8, 1910.

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