

# THE TECH

VOL. XXXI. NO. 38

BOSTON, MASS., THURSDAY, NOVEMBER 9, 1911

PRICE TWO CENTS

## MANY ATTEND FIRST HOCKEY MEETING.

**Fine Prospect For Championship Team—Excellent Schedule Arranged.**

The first meeting of the M. I. T. hockey team of 1911-1912 was held in 27 Rogers, yesterday noon. The attendance was good and a number of new men who were Prep. School stars signified their intention to try for the team. The object of the meeting was to get information about the candidates so that practice may be started the first of next week, and can be held at times most convenient for the majority of the men.

A short outline was given of the plans for the coming season, and from what was said it would be worth while for anyone who can play to go out for the team. This year an excellent schedule is being arranged with most of the big colleges of the East, including Harvard, Yale and Dartmouth. There will be two big trips, one of which will be to New York. There matches are being arranged with Princeton, West Point and other New York State teams. All of the home games will take place at the Boston Arena, where, besides the regular schedule, a number of exhibition games will probably be played with some of the crack independent American and Canadian clubs.

In order that Technology may be at the top of the line next spring when the rating of the college teams is made up, every man must give his best efforts. It means hard work for everyone if Tech is to be represented by a championship seven. An entirely new defence must be made this year, and this gives a splendid opportunity for the new men. Four of the forwards of last year's crack team are left, but everybody will have a chance to show his ability and the best man will get the place.

The Boston Arena has its formal opening next Saturday. The ice is already frozen and will be in fine condition when the team begins its regular practice. The announcement of the first practice will be given out in THE TECH. Special arrangements have been made with one of the leading athletic outfitters by which goods may be obtained at a very liberal discount upon presentation of a receipt signed by the manager. No goods can be obtained at the special rate without the manager's endorsement.

## SWIMMERS BEGIN WORK.

**Practice To Be Held Wednesdays And Fridays In Future.**

Yesterday afternoon the swimming team started its regular season with a meeting of candidates, and later a practice at the tank on Washington street. Few men realized the importance of these events and consequently failed to be present at either. At the meeting it was decided to hold regular practice twice a week for the present, on Mondays and Fridays. It is best for the men to report these days at 4.30, at the Salvation Army Tank, at the corner of West Brockline and Washington streets, as attendance will be taken and records kept, although candidates may go as often as is possible if they wish.

It is essential that the men start right away in their work for the team, as regular candidates only can be considered, and the time is quite short before the tryouts and eliminations the last of this month.

## WIRELESS SOCIETY CHOOSES DIRECTORS

**Reject Proposal to Unite With Electricals—New Members Are Elected.**

The second meeting of the Wireless Society this term was held in the Union yesterday afternoon. Mr. Affel, the president of the society, occupied the chair. The first matter brought up before the meeting was the election of a board of directors. S. W. Stanyon, H. G. Borden, K. C. Mason and D. E. Kent were chosen. After the election the question of providing a roof for the corner of the Electrical Engineering Laboratory, given over to the use of the society, was taken up. After some discussion as to the practicability of a cloth shade of some kind, a wooden roof was decided on as a better protection against noise and dust. The matter of construction was left in the hands of the newly elected board of directors.

The matter of securing a new transformer was next taken up. The one which the society now has, one which was lent by the Electrical Department, is not adapted to the needs of the club. The Physics Department has two transformers which would answer very well, but which, unfortunately, the department cannot dispense with. It is expected, however, that a donation or a loan will be received from some electrical company soon.

C. L. Cowles, F. C. Foote, O. C. Hall, A. T. Munyon, H. W. Lamson, H. L. Loeb and C. H. Sandburg were proposed for membership and unanimously accepted. There was some talk of uniting the Wireless Society with the Electrical Engineering Society, but the idea was not favorably received. The next meeting of the society will probably be held on the last Wednesday of this month.

## WRESTLING TEAM.

**Freshmen Can Substitute For Regular Gymnasium Work.**

For the first time the Dean has agreed to allow Freshmen to take wrestling instead of the regular gymnasium work. To make the substitution it will be necessary that a man report at the Gym two days a week for an hour's work each time. To insure regularity attendance will be taken.

Everyone interested should go over to the Gym this afternoon at 4 o'clock to enroll. Each man should give his name, weight and the afternoons that are convenient for him to wrestle to R. Smythe-Martin so that arrangements for pairing off can be made and a coach engaged for the men. Ordinarily practice will be held between 4 and 5 o'clock, but when this hour would conflict with a Gym period wrestling will come from 5 to 6 o'clock. Smythe-Martin is now in charge of preliminary arrangements, but a captain and a manager will be elected by the candidates for the team, probably next Wednesday.

All men placing better than thirtieth in the I. C. A. A. A. race at Brookline the 28th of this month will be awarded their cfc. Tenth or better in the Brown dual race gives the same insignia, so get busy, long distance men.

## ORCHESTRA TO MEET NEXT WEDNESDAY

**General Outlook Bright—Will Participate in Concerts Exclusively.**

The general outlook for the orchestra this year is decidedly more encouraging than it was at the same time last year. Plans for concerts and other important matters are now under a newly organized committee, with N. R. Brooks, the manager, as chairman. A fee of two dollars, one dollar deposit and one dollar membership dues, is required of each member. As yet the requisite number of pieces have not been obtained, but an excellent program is promised.

The material about the Institute this year is more than ample to make a real symphony orchestra, and it seems too bad that men talented to any extent whatever should be so utterly indifferent to this organization.

The orchestra is worth while for the following reasons: The music played is in itself an education for every member; it offers special inducement at outside concerts that will be published by the committee very soon; it has been the general attitude of the management to insist that the concert performances be carried on in real symphony style, and all rehearsals are planned to this effect. Anyone who is in doubt as to the progress of the orchestra should attend the meeting next Wednesday which will be the first important rehearsal for the concerts this winter.

The organization at present consists of seven or eight first violins, three seconds, four or five cellos, one viola, one double bass viol, two trombones, two cornets, one flute, two clarinets, one drum, one piano and one French horn. The requirements for the first public concert are thirty-six instruments.

It is hoped that the latest musical talent will come out by the next rehearsal, and every member is requested to manifest more interest by getting such talent interested. In no organization is reliable membership so urgent as in the orchestra. Each man is a most important unit and his presence is indispensable.

The orchestra this year will participate only in concerts, no other work, as dinners, for example, being approved by the management. It is hoped that all friends of the body will talk the matter over, and thus make possible the best rehearsal of the year next Wednesday.

## SEES GAME FROM AIR.

For the first time on record, a football game was viewed from the aeroplane when Robert J. Collier's Wright machine glided to and fro, above the gridiron during the Harvard-Princeton game. The aeroplane was driven by Oscar Brindley, one of the Wright aviators, and contained as passenger James H. Hart, the veteran photographer, who wished to take some pictures of the game and the spectators. The aeroplane crossed the field several times and on each trip Mr. Hart made some photographs of the game in progress and of the people in the stands.

There is room for several more men in the News Department of THE TECH.

## TABULATED RESULTS OF T. C. A. CENSUS.

**Congregationalists Have a Big Lead With a Fourth Of Whole List.**

The tabulation of the census cards, signed early in the year for the T. C. A., shows some interesting statistics. A total of 899 persons have signed cards; of these 580 are church members. One cannot help wondering at the contrast between 580 church members in the Institute and 85 members of the T. C. A.; for while membership in the Association has absolutely no connection with church membership, yet one would expect that a church member would actually find his place in the T. C. A.

Denominational preferences show a wide range. More than one-fourth of those who have signed prefer the Congregational Church. This is, perhaps, less to be wondered at here in Boston, the stronghold of Congregationalism, than in any other part of the country. The exact figure is 227. If to this number we add the 78 Unitarians who remain the form and the name while differing in creed, we have 305, or more than one-third of the signers. The 30 Universalists might also be added, for they represent another split away from the original Congregational Church in the days when liberal theology began to drive out the old narrow ways of thinking.

The entire list in order of numbers follows:

Congregational, 227; Episcopal, 117; no preference, 116; Roman Catholic, 93; Unitarian, 78; Baptist, 76; Methodist, 58; Presbyterian (all branches) 44; Universalist, 30; Jewish, 28; Christian Science, 16; Lutheran, 7; Friends, 3; Christian, 2; Adventist, 1; Greek Orthodox, 1; Swedenborgian, 1; Moslem, 1.

As approximately 600 men still have not signed cards, the order in the above list might be entirely changed if complete returns were possible. It would be interesting to have a census of the entire list of men in the Institute. The secretary of the T. C. A. will be glad to furnish cards to any who have not signed census cards and will make out a revised list later if conditions warrant it.

The "Nothingarians"—those who have no preference—show up strong. This list probably includes many classes, from those who would hold up their hands in holy horror at the mere mention of church, to those who attend regularly at some particular church, but who were in such a terrible hurry registration day to look at their "Tech Bibles" that they forgot to fill out the last three blanks in the card. Changes may be in order here, too; the secretary will be glad to subtract from the 116 as he will to add to any of the other totals.

## CALENDAR.

Thursday, November 9, 1911.

1.30—T. C. A. Meeting—Union—Dr. G. W. Tupper.

6.30—1911 Class Dinner—Union.

7.45—Lecture—Mr. Gledon at Public Library.

Friday, November 10, 1911.

4.30—Basketball—Gym.  
4.30—Swimming Practice—Salvation Army Tank.

2.00-3.00—C. E. Excursion.

7.30—M. A. H. S. Club Meeting.

# THE TECH

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All communications should be addressed to the proper departments.

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THURSDAY, NOV. 9, 1911

### FRIDAY ISSUE.

Editor—C. A. Cary, 1912.  
Associates—L. H. Graham, 1914.  
F. S. Somerby, 1914.  
P. J. Mann, 1915.

The Hockey Team has issued a call for candidates, and as this is now the principal recognized sport outside of track, it is some honor to make the Hockey Team. Last year the team, for the first time in its existence, was able to hold practice indoors, after the completion of the Arena. As a result we had a fine team, and they made an excellent showing against many of last year's best college and club teams, including Harvard, Dartmouth, Williams, the Amherst Aggies and the Loudon Country Club of Albany. Their showing was so bright that the Athletic Association voted to award the members of the team their "T's." This, however, was not confirmed by the Advisory Council.

This year there are four of the members of last year's team back, and there is a chance for everyone who comes out. There are big holes to fill at point and cover, due to Gould graduating and Vose leaving school, and more forwards also can be used. We should have as good, if not better team, than ever, and every man who knows how to skate and handle a club should report to Captain Sloane at the first practice.

We notice with pleasure that the House Committee has taken steps to place the Technique Files in the case provided for them. Now that the committee has been officially organized with the Bursar as Chairman, we expect to see things booming at the Union and everything running along like clockwork. All complaints are received and acted upon by the committee when placed in the Suggestion Box, on the right as you enter the large room. This box has been placed there for a purpose, and it is hoped that good use will be made of it. Numerous improvements are being planned and the outlook for the year is a good one.

There will be a meeting of all men interested in the Business Department of THE TECH tomorrow noon. It is desired that all men who are already connected with the department, as well as any who wish to be, will be present at this meeting, which will be held in the lower office of THE TECH.

## JUNIORS HOLD CLASS DINNER TONIGHT

### All-Star Program Arranged By the Committee—Big Eats.

The 1913 Class dinner, to be held in the Union this evening, promises to be one of the most successful and most enjoyable of the season. The price of the tickets is seventy-five cents, but the program arranged for this evening's entertainment warrants this expenditure and even more. Tickets may be obtained from the dinner committee and certain members of the Class of 1913.

In addition to the previously arranged program for the evening's entertainment Dean Burton has consented to be present, along with Professor Dewey and Bursar Rand. Besides this the orchestra will play continuously during the dinner. A quartet composed of members of the class will render several selections in their best style. Together with souvenir pipes and free tobacco one could not wish for a better evening's entertainment.

Steward Colton has looked after this end as well as the committee in charge, and has prepared one of his best menus for the occasion.

#### 1913 Class Dinner.

Cream of Tomato au Soufflee.  
Queen Olives. Rose Radishes.  
Dinner Rolls.  
Boiled Chicken Halibut. Egg Sauce.  
Pommes Windsor.  
Paté of Chicken a la Reine.  
Roast Filet of Beef. Champignons.  
Delmonico Potatoes. String Beans.  
Harlequin Ice Cream.  
Assorted Fancy Cakes.  
Toasted Crackers and Cheese.  
Demi-tasse.

To the Editor of THE TECH:

Dear Sir:  
According to an Act of Congress in the last session, vacancies in the Corps of Engineers of the United States Army remaining after the assignment of a certain desired number of graduates of the Military Academy will be filled each year by competitive examination of graduates of "engineering courses in approved technical schools." This is the first time the Corps of Engineers has ever been opened to any but graduates of the Military Academy. The first examination to fill quite a number of vacancies will be held January 12th, 1912. There are so many vacancies that probably only a partial number of them will be filled this year, and the chances will be good for several years without considering new vacancies. I have received from the Chief of Engineers the papers relating to these examinations and will be pleased to give any information to anyone interested.

While none of the present undergraduate body will be eligible for the coming examination it may interest some of the graduates of the past few years who can be reached by THE TECH as well as have future interest for some of those approaching graduation. I would be pleased if you would make a note of the fact or if you should so desire I will give you the full set of orders for publication.

Very respectfully,  
Edwin T. Cole.  
Major U. S. Army.

Class of 1912 at Wellesley are the college champions in the athletic line, as declared at the field meeting recently, at which time the girls in the college who had won their "W's" were awarded them.

Princeton and Dartmouth are now the only big eastern college teams that have not yet been defeated. West Point and Annapolis have clean slates, the former being the only one not yet scored on.

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### RESOURCES

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|-------------------------------|---------|-------------------------|
| Loans and Discounts           | - - - - | \$ 51,556,613.22        |
| Investments                   | - - - - | 11,629,453.33           |
| Due from Banks                | - - - - | 17,065,681.11           |
| Exchanges from Clearing House | - - - - | 4,728,951.32            |
| Cash                          | - - - - | 11,279,205.11           |
|                               |         | <u>\$ 96,259,904.09</u> |

### LIABILITIES

|                               |         |                        |
|-------------------------------|---------|------------------------|
| Capital                       | - - - - | \$ 3,500,000.00        |
| Surplus and Undivided Profits | - - - - | 5,813,181.57           |
| Reserved for Taxes            | - - - - | 147,009.87             |
| Circulation                   | - - - - | 834,097.50             |
| Deposits                      | - - - - | 85,965,615.15          |
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**TECH REPORTER TRIES TO EMULATE ADE**

A Fable For Civil Engineers Of The Instrumentman Who Knew Formulae.

There was once a Technological Graduate who had been at the Mercy of the World for just two years. He drew down Eighty per as Instrumentman on a Hurry-up Railroad construction Job and his Mother told her friends he was getting along splendidly. His most Precious Possessions were an S. B. from Tech, framed in ebony, and a Knowledge of Formulae that made his Boss' Teeth chatter. One day a Cow stubbed her Toe on the Transit I.e.e. When the Dust rolled away it was found that the Instrument was not quite Accurate in its Movements. The Instrumentman wept and wrote to the Nearest Supply House, two thousand miles away, to send a new Instrument. When the Party came in for Supper the Boss was Furious at the prospects and Cursed roundly. A new Transit could not reach the Camp for three weeks, and he was already Sailing close to the Wind on the Contract. The Technological Graduate was in Despair and sat down to dope it out by Hamilton Smith's Formula. Meanwhile the Seventeen-year-old Rodman, who had never even gazed in the Portico of a Technical School, but who had spent Three years utilizing his Powers of Observation, induced the Transit into a Quiet Corner of the Machine Shop and got Busy. In two hours he had the Thing eating out of his hand, and when he brought it out to the Boss it would have passed Muster in an Astronomical Observatory. Whereupon the Boss went on a Vacation and left the Seventeen-year-old Rodman in charge of the Job at a Three Hundred and Fifty per cent. increase in Salary.

Moral: When you have a Chance to Inspect the Methods and Materials of the Instrument Factory of C. L. Berger at the Invitation of the Civil Engineering Society, seize upon it at once for Fear that Some day you Too may have to Make repairs after the Passing of a Cow.

The first trip of the year to be taken by the Course I men will take place tomorrow afternoon. The complete works of C. L. Berger & Sons, Instrument Makers, will be thrown open to members of the Civil Engineering Society, and experts of the company have volunteered to guide the men through the factory and lecture upon the methods. Two parties will make the trip, the first to leave for the works at 2 o'clock, under the direction of President Powell and A. W. Yereance, '12. A. G. Ranney, '13, and J. J. Strachan, '13, will show a second party the way at 3 o'clock. The factory may be reached by taking an Ashmont and Milton car to Williams street, and thence walking north to No. 37.

**COMMUNICATION.**

To the Editor of THE TECH:

On the posters and in THE TECH article, by a curicus mistake, today's subject for the T. C. A. talk was announced as "The Great American Amalgamated Co." They are too optimistic. If the material were all amalgamated there would be no company, hence Dr. Tupper would not appear before us as the promoter of this great company. No, the amalgamating is still going on and will for many years to come. There's plenty of stock left, both common and preferred. How much do you want? Whether you take any stock or not, it costs you nothing to hear Dr. Tupper Thursday, at 1.30 o'clock, in the Union. "The Great American Amalgamating Company."

L. R. TALBOT, Sec. T. C. A.

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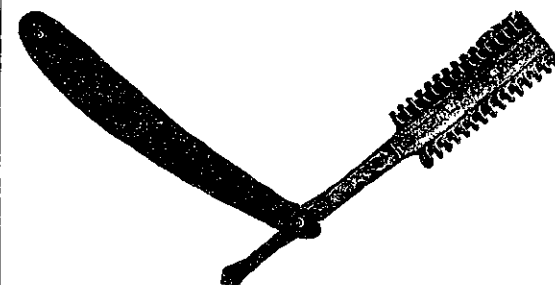
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1915.

All men who pulled on the 1915 Tug-of-War Team will meet in the Gym Wednesday, at 4.15 (36-2t)

LOST—Phi Kappa Sigma Fraternity Pin, Friday, at or near the Field. Reward for return to Cage for H. S. Currier. (37-4t)

**SECOND YEAR PHYSICS RECITATION.**

Section VI—I will meet in 22 Lowell, Wednesday, at 2, and Friday at 9, beginning November 8th.

WALTER HUMPHREYS,  
Registrar.

**FRESHMEN!!!**

WANTED—Fifty Freshmen to come out for the assistants' place in the Business Department of Tech Show, 1912. All candidates apply at the Show Office, Room B, Union, any day between 8.40 and 9.00 A. M., or between 1.00 and 1.30 P. M. (37-4t)

**LOST YOUR RAINCOAT?**

The Bursar has a number of valuable raincoats in his office that he would like to have claimed. (By the owners of course.) Will the men to whom they belong be kind enough to come around after their belongings and find some other place to store them?

GENTLEMEN—I call to your attention that I will pay more for cast-off clothing than any one in my line of business. A trial will convince you. Send postal to Max Keezer, 3 Bow Street, or telephone Cambridge, Mass., 302. (21-26t)

**CROSS-COUNTRY RUN.**

Hare and Hound Chase to Be Held at Newton Saturday.

The cross-country team took a trip over the course yesterday afternoon. At the same time several candidates were tried out, but none succeeded in making the team. As the men will have to work hard tomorrow and every day before the Brown meet, the pace was rather slow.

The team will either run over the Intercollegiate course Saturday or will run with the hare and hounds. The hare and hound chase will be held at Newton. The Y. M. C. A. of that place has offered the use of their locker room and swimming tank. The pace will be slow and the distance short, without the customary half-mile sprint at the finish. All track men are supposed to take this run. The train leaves Trinity Place station at 2.05.

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