

THE TECH

VOL. XXXI. NO. 86

BOSTON, MASS., TUESDAY, JANUARY 30, 1912

PRICE TWO CENTS

UNION DINING ROOM PROVES POPULAR

Bursar Rand's Figures Show Increased Attendance This Year.

Notwithstanding the fact that last year was the greatest that the Union Dining Room has ever had, both in regard to attendance and financial gain, this year is surpassing the fondest hopes of all concerned in the success of the student eating place. A summary from the records kept by Bursar Rand shows that the number of meals served this year at the Union has been greater each week than the corresponding week of last year by from 30 to 50 per cent., the total number of meals served having increased by nearly 40 per cent. over last year. The increase has been noted not only among the students, but also among the faculty, who now have three tables reserved for their use instead of one.

A tabulated list of the number of meals served during 1910 and 1911, in the Fall of the year, follows:

Attendance at the Tech Union:		
	1910	1911
September 25-October 1.	1524	2837
October 2-8.....	2392	3179
October 9-15.....	2923	2738
October 16-22.....	2485	3223
October 23-29.....	2502	3098
October 30-November 5.	2317	2899
November 6-12.....	2327	3150
November 13-19.....	2416	3190
November 20-26.....	2347	3358
November 27-December 3	1830	2639
December 4-10.....	2413	3418
December 11-17.....	2424	3435
December 18-23.....	2521	3112
January 1-7.....	2615	3433
January 8-14.....	2602	3536
January 15-21.....	1395	2236

This list is made up exclusive of the large number of private dinners which have been served at the dining room, these being kept under a different heading. There is no doubt about the increasing popularity of the dining room.

FRESH-SOPH MEETING

1914 to Win Dual Indoor Track Games in Gym Saturday.

The Sophomores should be returned easy victors in the dual indoor track meet with 1915 in the Gym Saturday afternoon, for they have a large number of men working and they look to be sure point winners.

The Freshman team should take the shot, hurdles and a place in the quarter, while the Sophs are strong in the long distance and sprint events particularly. The pole vault will have to be omitted for there are no men at present who are candidates for the event.

ARMY GRAD LEAVING

Owing to the sudden and unexpected assignment for active duty, Lieut. F. G. C. Gardner, U. S. A., has been obliged to withdraw from the Institute this term, where he has been registered as a graduate student in the Electrical Engineering Department doing special work.

John Paul Jones, the Cornell wonder, will try for the world's record at two miles in 1913.

COACH SANGER TALKS OF THE "BEST" SHOW

Work On All Departments Coming Rapidly in Preparation for the Call for Actors.

While in Boston Saturday evening Coach Eugene Sanger in a long talk with General Manager Herbert L. Woehling said: "If the other departments of Tech Show, 1912, are as well balanced as the book, 'Castles in Spain' will be one of the most successful Shows that has ever been produced."

In the poster competition, which closes on the first of February, more than thirty men have left their names with the management as entries. This indicates that there will be a large number of posters from which to choose, which is very fortunate, for it is through the poster that the Show makes its strongest advertising campaign outside of Boston. The men have had the holidays in which to work, and the results which will come up for judgment in a few days should include some of the best posters which have ever been drawn in the Show competitions.

Just before the examination period Manager Thayer gave out five lyrics to the thirty candidates for the music competition, and from the work that they do on these the men who write the real music for the Show will be chosen. By only allowing these men of real ability to write the quality of the music will be much higher this year.

CABOT SCHEME COPIED.

Dartmouth Awards Medals For Physical Development.

It was recently announced that three medals were to be given to the three students at Dartmouth who had shown the greatest improvement in physical development during the college year. It has been customary to do the same thing at the Institute for a great many years, so that it is no new thing here, but it goes as another argument that the faculties of the various schools about the country are being more and more brought to the idea that bodily training as well as mind training is necessary to make up the man.

At Dartmouth the medals are awarded quite differently than at the "Stute" however, for it is necessary for the winners to have attained a certain degree of excellency in their studies, that is, they have to get an average of 65 per cent. or better.

Any man that wants to try for the medal must go to the physical director and get his measurement recorded, then he must train himself in any way that he sees fit for the remainder of the year, although he can go to the director for advice, but can not go under a regular system of training as laid out by the coach.

At the Institute a much better system is in vogue where the man can enter one of the regular gym classes and thus get the benefits of a trained teacher.

The Sophs have a fast basketball team and the Freshmen will have to go some to beat it.

The conferences with the heads of the courses were well attended by the first-year men.

DELEGATION OF CIVILS TO VISIT LOWELL.

Will Make a Test of the New Allis-Chalmers Pump Recently Installed There.

In the course of a few days a delegation of civil engineering students from the Institute, accompanied by one or more instructors, will take a trip to the city of Lowell to make a test of the new Allis-Chalmers pump which has recently been installed at the pumping station in Centralville. Owing to the nature of the test they will probably remain in Lowell several days, and when they have concluded their work the water department will have in black and white the exact capacity of its new equipment. Upon the report submitted will depend the amount to be paid to the Chalmers Company. In the case of the test proving unsatisfactory, the department could exact a heavy penalty from the company. However, since the pump has now been running smoothly for some time, there is very little probability of an adverse report.

In an interview Commissioner Barrett said: "I have received several requests from the Lowell Textile School for permission to make the tests, but I have refused to consider them. I have no objection to the presence of the pupils at the station while the test is being made, but because of the amount involved I believe the work should be done by men of larger experience in such matters. The names of the men who have been selected to make the test will be published in a day or two."

HOMER ALBERS HONORED.

Made Dean of B. U. Law School, to Take Effect in September.

The Board of Trustees of Boston University have recently conferred a high honor upon one of the Institute's staff of lecturers, Mr. Homer Albers, by unanimously electing him Dean of the University Law School.

Mr. Albers, a graduate of the school, has been on the instructing staff most of the time since his graduation, and has given the course of lectures at the Institute which is remembered by most Tech men as Business Law. He is a well-known member of the Boston bar and a resident of Brookline.

INSTRUCTORS CHANGED

Samuel E. Gideon has been given leave of absence during the coming term so that he may organize the courses in drawing at the A. & M. College of Texas. While there he will also perfect plans for their new mess hall and dormitory.

R. R. Houter, instructor in mechanical engineering, has just returned from the Polytechnic Institute of Charlottenberg, Germany, where he has been working for a doctor's degree.

FINANCE COMMITTEE

The Finance Sub-committee has called a meeting of the treasurers of all the activities and classes tonight at 7.30, in the Union, at which time the installation of the new method of accounting will be discussed by an expert accountant.

VARSITY HOCKEY TEAM SHUT OUT WEST POINT

Fast Team Work and Clever Shots Give Inst. Seven Easy Victory—Score 10-0.

At West Point, Saturday, the Hockey Team shut out the Army, scoring ten goals and completely outplaying them in every department of the game from the first face-off. The team played a better, faster and cleaner game than at any time on the trip, and their team work was even more smooth than it was on the Syracuse rink. Through an omission the results were not wired to Boston, so it was impossible to get the account of this game in the story of the trip in yesterday's issue.

The game was inclined to be rough, but was very clean in spite of this fact. The Army defence was weaker than the average college team, but they were entirely outclassed by the speedy clever passing of the Institute rush line. The Technology defence was as impregnable as at Syracuse and succeeded in going through another game with a clean sheet.

The goals were scored by "Doc" Sloan (6), Storke, Stucklen, McLeod (Continued to Page 3.)

KANSAS PROF. AT 'STUTE.

Dr. Billings to Study in the Bacteriological Dept.

Professor Frederick H. Billings, of the University of Kansas, has come to the Institute to study bacteriology, after having taken courses at Leland Stanford leading to the degree A. B., at Harvard to A. M., and at Munich to Ph. D., as well as two summer courses at Harvard and one at the University of Wisconsin. This is indeed a great compliment for the bacteriologists of the Institute to have such a man come to take further work in a department in which he has already done such fine work.

He has been a professor of botany and bacteriology at the University of Louisiana, and one at the University of Kansas. His work at the Institute will be of such a nature as to fit him for the work of taking charge of the department at Kansas and of acting as expert for the State in water analysis.

CALENDAR.

In Charge of S. H. Taylor, 1914.

Tuesday, January 30.

1.00—Managing Board of THE TECH.

5.00—General Meeting of Musical Clubs—Union.

7.30—Finance Sub-Committee Meeting—Union.

Wednesday, January 31.

1.30—Institute Committee Picture—Notman's.

Sophomore Basketball vs. Rock Ridge.

6.00—Hockey Practice—Arena.

Thursday, February 1.

1.30—T. C. A.—Pres. Hamilton of Tufts—Union.

5.00—News Board Meeting—Upper Office.

Friday, February 2.

4.15—Glee Club—Union.

6.00—Hockey Practice—Arena.

Saturday, February 3.

Varsity Basketball vs. R. I. State—Kingston.

THE TECH

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

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Night Phone—Back Bay 5527.

Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.
Subscriptions within the Boston Post Office District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Rutter, 147 Columbus Ave.

TUESDAY, JAN. 30, 1912

It is probable that during the first term a number of underclassmen found that they had considerable spare time that they would be willing to spend in pursuit of an interesting student activity. For these men, in particular, we now announce the opening of a second term competition for positions on the News Staff of THE TECH, which will start Friday, at one-thirty, with a meeting in the Lower Office in the Union. We shall be pleased to see all men interested and shall explain the requirements and qualifications then.

Yesterday's campaign for subscriptions to the paper was productive of peculiarly interesting results. In general, men were pressed for reasons for refusing to purchase a book, and where this was the case the replies were ingenious and in some cases naive. The men who really cannot afford the amount are certainly unfortunate, and we are far from desiring to press them to an unwarranted expenditure.

Some men complained that they could find no news in it, and yet these men are those that are most ignorant of the doings and achievements of their fellows. One man offered to give twenty-five cents to the paper to help in its support rather than subscribe. It is apparent that this man missed the famous B. V. D. Communications of last year, yet the misdirected spirit he showed is sufficiently obvious to any thinking reader. We are not begging for support; we ask it on the grounds of our worthiness. While it is true that the paper can be improved, it is also true that all the men working for it are doing their best to raise its standard. We invite criticism and suggestions.

Finally, one man said, after some consideration, that he was not exactly in sympathy with the Institute anyway and only came here as a duty. In that case he would naturally not be much in favor of supporting a student activity. If the student's remark was indicative of his true spirit (and we trust it was not) we humbly beg to offer him a grain of advice, to wit: Either reform his ideas or leave the Institute in order to save the great waste of time and money he occasions himself. If he graduated from here to bear that feeling with him, we doubt that the Institute would ever have reason to be very proud of him, and certainly it could hardly look to him for support, moral or physical.

HARVARD PLAYS AT ARENA THIS WEEK

Against Xavier on Wednesday and McGill on Saturday—Should Win and Lose.

At the Arena this week Harvard is playing two games against strong Canadian teams, meeting the St. Francis Xavier team on Wednesday evening, and McGill University on Saturday evening.

A game was scheduled with St. Michael's College of Toronto, but had to be called off, and the Xaverians were substituted in its place. Of the two previous games, Xavier won the one two years ago by a safe margin, but last year the Crimson won by a fine display of speed and stick work. This should be a very attractive game for it is the first Nova Scotian team to be put on at the Arena this season, and it will also serve as the deciding game of the series.

The game against McGill will, without doubt, be of great interest to every hockey fan in the Institute, for it means a pretty certain defeat for the Cambridge seven. Last year they gave Harvard a 5-3 beating, and they handed it to the B. A. A. earlier in the season by a score of 6-3, so that it would seem that they have just a little superiority over the Crimson team.

SOPHOMORE GAME.

Second Year Men to Play Rock Ridge Wednesday Night.

The Sophomore basketball team has been getting in some fast practice in preparation for their game with Rock Ridge Wednesday night. The game will be played on their floor and promises to be a hard fought contest.

The Sophs have been setting a fast pace, and although Rock Ridge has a strong team, they expect to be able to pull off a victory. The following will be the lineup: Tirrel and Comber, forwards; Ruoff, center; Price and Williams, backs. Fox will also make the trip.

ATWATER ENGAGED

Loss of Popular and Prominent Junior Will be Widely Felt.

The engagement of Miss Conway Lily of Weston, Massachusetts, to Mr. Allan Russell Atwater, 1913, of Luganc, Switzerland, has recently been announced. It is understood that Mr. Atwater has withdrawn from the Institute, an action which will of necessity temper the warmth of the congratulations which are being showered on him by his many friends.

Mr. Atwater was prominent in Institute affairs while here, as he was Societies' Editor of Technique, 1913, on his class relay teams, and a principal in Tech Show, 1910, "The Queen of the Cannibal Isles."

The Usual Way.

"I hear that the purser is quite sick this morning."

"Sorry to hear that. Followed the usual nautical course, I presume?"

"What's that?"

"Gone to the doctor for repairs."—(Ocean.)

Farmer—"And what is your brother Frank doing now?"

City Visitor—"He's paying a good deal of attention to his etching."

Farmer—"Um, What is he taking for it?"

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MADAME BUTTERFLY

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SATURDAY, FEB. 3, 1912, AT 2 P. M.
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DARTMOUTH TRACK PROSPECTS EXCELLENT

Coach Hillman Figures on a Well Balanced Team Which Will Win N. E. Championships.

Harry Hillman, the Dartmouth track coach, expects to have one of the best teams under the Green this coming season that he has ever produced for he has a squad that was broken into by graduation only to a very slight extent, and the veterans who are left are full of promise.

In the weights he claims particular strength through A. H. Tilley, the I. C. A. A. A. and N. E. I. A. A. record holder in the hammer throw, and H. E. Marden, who pushed him closely in every meet last year.

One of the wearers of the Green is capable of turning off a hundred in ten flat, and there are two men from the Freshman squad of last year who should help to pull points in the dashes. Ball and Marceau, brother of Franz, are very classy performers over the long distances, while in Capt. Steinert, Harry Haywood of the N. Y. A. C., and Dolan of the Pastime A. C. of New York, they have a trio of star middle distance men.

Enright is usually reliable for a six-foot jump, and in the pole vault both Buck and Wright can clear 11 feet 9 inches without difficulty. There seems to be an abundance of material for the hurdle events that should bring the balance up to a point where the New England championship should be a comparatively easy matter. The big new Gym in Hanover will prove a very valuable factor in the development of the team, for it will enable them to get to work much earlier than in former years.

VARSITY HOCKEY

(Continued from Page 1.)

and Yereance. The loss of Hurlbutt, the fast point, was felt in this game perhaps more than in the others, but he was obliged to stay at home all during the trip on account of business interests.

PHOTOGRAPH DARKROOM.

Novel Method of Utilizing a Dress Suit Case.

A very ingenious method of transforming an ordinary suit case into a photographic darkroom, recently used by Professor H. W. Smith, on a visit to Tahiti.

The right half is occupied by a water-tight rubber bag supported on three sides by the sides of the suit case, and on the fourth by a brass rod, which extends over the edge of the case and is hooked into the lock. The developing tank, filled with developer at a temperature sufficiently below the normal to allow for rise of temperature before development begins, rests in this rubber bag. The object of the rubber bag is to prevent damage to plate holders that are placed in the other half of the suit case, in the event of the tank spilling over. The cover of the suit case is held up by means of a light wooden rod at each corner, and a dark bag, made of a double-fabric gossamer, with the seams vulcanized, is then placed over the whole.

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SPECIAL MEETING of Combined Musical Clubs, Tech Union, Tuesday, January 30, at 5 P. M. (85-2t)

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