

THE TECH

VOL. XXXI. NO. 54

BOSTON, MASS., TUESDAY, NOVEMBER 28, 1911

PRICE TWO CENTS

TICKETS FOR WINTER CONCERT NOW ON SALE

Banjo and Mandolin Clubs Plan Concert for December 11 as Preparation.

Plans for the winter concert of the combined Musical Clubs are rapidly nearing completion, and the outlook for a great success is the most promising in years.

At a meeting of the officers of the Orchestra and the Musical Clubs, held last week, differences were adjusted so that it is now definitely decided that the Orchestra will assist with the program as they did at the winter and spring concerts of last year.

The Glee Club, assisted by a reader, showed their ability to deliver the goods at the coming concert by rendering fourteen numbers at Medfield last week, and the Mandolin and Banjo Clubs are working hard to outdo them. The latter clubs have not had a concert as yet this year, but arrangements are almost completed to give an informal performance in Jamaica Plain on the evening of December 11, so that the new men will have had a tryout before the winter concert.

There will be dancing until 1 o'clock after the concert, as usual, and Poole's Orchestra will furnish the music. The members of the clubs are selling tickets now, and these may be exchanged for reserved seats, after December 7th, at the Cage. Dance orders will be given out at that time.

The new plan of having a professional coach at one rehearsal a week has worked very well, and as a result several novel changes have been made. No one should miss the concert this year, for it's going to be a wonder.

JUNIOR PICTURE.

Juniors must not forget the class picture this noon on Rogers steps. The picture will be taken at 1 o'clock, immediately after the Pol. Econ. lecture, so all can be on time. This will be the official picture for this year's "Technique," so if the Juniors want their faces in their year book as a class they must turn out today.

CROSS-COUNTRY MEETING

Attention is called to the fact that a meeting of the Cross-Country Team is to be held today at 5 P. M., in the office of Mr. Frank Kanaly, at the Gym. It is important that all the members of the teams shall be present.

A captain is to be chosen and other important business is to be transacted. The members are asked to be on time promptly at 5, as the business on hand will most probably take up quite a little time.

HINDOO FOR TECH.

The fame of Technology reaches far-off lands. A well-educated Hindoo now comes to the Institute to take a course in electrical engineering. Bhagat Singh, a Hindoo from the Punjab, arrived yesterday on the steamer Devonian of the Leyland line from Liverpool. Mr. Singh speaks English well and has come here for a three-year course.

There are five captains of other sports in Yale's football squad.

SWIMMERS TO HOLD FIRST ELIMINATION

Trials December 2 for First Heat With Brookline—Other Dates Out.

Next Saturday afternoon, December 2nd, at 3 o'clock, the first elimination trials for the swimming team will be held at the Cabot street tank. These trials are most important as they alone will determine the men who will be entered in the first meet held with Brookline, on December 19th. The events considered will be the hundred and fifty-yard dashes, the two-twenty-yard swim and the plunge for distance. Another set of trials will be held one week later, December 9th, at the Cabot street tank, but only those men who have qualified on December 2nd will be entered. It is very important that all men who have done any swimming at all be present at the first tryout this week. Men need not send their names in beforehand as entered, since the reporting to the manager at the tank, before each event, will be sufficient.

The following men will take this as a notice to report for the tryout:

R. A. Iesher, C. A. Smith, E. W. Mann, J. Isaacs, P. B. Owen, C. S. Alt, G. H. Warfield, A. Crankshaw, R. L. Fletcher, W. V. Schmiedeke and all others who have been out for the team.

A fine schedule has been arranged by Manager Babcock, which includes meets with the Brookline Gymnasium Association, Brown University, Williams, Amherst, and other meets are still pending. It is now up to every man in the Institute who has ever done any swimming to report and make the swimming team a successful one by giving his hearty support.

Practice will be held every afternoon this week at the Salvation Army tank, at the corner of West Brookline and Washington streets, at 4.30 o'clock.

The Cabot street tank may be reached by taking any car which follows Columbus avenue beyond Massachusetts, and getting off at Ruggles street, walking three blocks to the left and then one to the right.

BUILDING FAILURES.

Architectural Engineering So. Addressed by Lawrence.

The recently inaugurated Architectural Engineering Society holds a smoke talk tonight in 42 Pierce, at 7.30 o'clock. Dean Burton and Professor W. H. Lawrence will speak; the latter will deliver a paper on "Recent Examples of Building Failures in Boston." This is the first smoke talk of this society, which prides itself on being the only Architectural Engineering Society in any college in the United States.

It is proposed to have a number of smoke talks in the future, at which some of the Alumni of Option 2 will speak, as well as some of the practising engineers of Boston, the object being to broaden the men along practical lines, incorporating practice with theory. A feature of the programs will be the review of current professional literature, along the lines of fireproofing, foundations, reinforced concrete and allied subjects.

Michigan expects to erect a student Y. M. C. A. building to cost \$250,000.

TECH AND HARVARD TO HOLD JOINT LECTURE

Mr. H. P. Berlage of Amsterdam to Give a Lecture On Architecture.

The Architectural Departments of the Institute and of Harvard University have invited Mr. H. P. Berlage, a well known Amsterdam architect, to give a lecture on the "Foundation and Development of Architecture," on Friday evening, December 8, in Huntington Hall, at 8 o'clock. Mr. Berlage will also display some of his pictures on the afternoons of the seventh, eighth and ninth, in Rogers, the room to be announced later. The admission to the lecture and exhibition is free to all.

Mr. Berlage has designed many buildings of importance in Amsterdam, including the new Exchange Building, and has emphasized his principles of the intimate connection between his art and the organization of society by his books, treatises and lectures. He has already won wide recognition by his ability and sincerity in Germany, Austria and Switzerland, as well as in his own country.

GYM TEAM AT WORK.

Plans Made for Exhibitions This Winter if Team Warrants.

Interest in the Gym team has at last been awakened, and the prospects for the coming winter do not look quite as doubtful as formerly. Through hard and conscientious work the manager and captain have finally received enough men to make a team. Regular practice will soon begin, and if the interest continues a coach will be engaged. Other men besides those who are already out are urged to report for practice, and they will receive the same opportunity of making the team as the present candidates. There are only three or four of last year's team back at school, so there are more vacancies than usual to fill. This makes the chances of everyone to make the team much better.

If any kind of a decent team is turned out arrangements will be made for trips to Brown, Amherst and other colleges, where the team will take part in exhibitions and gymnastic meets. Therefore work on the Gym team, besides being beneficial, promises an enjoyable winter.

T. C. A. BIBLE CLASS.

"The Kingdom of Heaven and How We Can Bring it to Pass Here and Now," was the subject of the discussion last night at the T. C. A. Bible study class. The class met in the room with the round table in the Union, and the discussion lasted for more than an hour. The discussions are held every Monday at 5 P. M., and are usually very interesting.

Another class with the same subject for discussion is to meet in the T. C. A. office at 1.30 today, in 6 Eng. B. All men are invited to join in these discussions, whether they are enrolled as members or not.

The Senior Mechanical Engineers of Wisconsin go on an annual trip to inspect the industries of several Eastern cities. This year they will visit Milwaukee, Chicago, Niagara Falls, Buffalo, Cleveland, Pittsburg and Gary, Ind.

ORCHESTRA GETS REPRESENTATION

One Member to Be On Institute Com.—Executive Committee Elected.

Yesterday the Institute Committee held a meeting in the Union. H. D. Peck was elected Vice-President, and T. H. Guething was elected Secretary-Treasurer. This was according to the custom to elect the Junior Class President as Vice-President of the Committee, and the Sophomore President as Secretary. A discussion was held in regard to the establishment of a chapter of the honorary fraternity, Sigma Xi, and it was decided to leave the matter to the members of the Senior class.

Whittlesley, Keith, Cremer, Benbow, Woehling, Barry, Hart, Carpenter, Hall and Peck were nominated to the Executive Committee, and Whittlesley, Keith, Barry and Hart were elected.

It was voted that the constitution be amended to the effect that the M. I. T. Orchestra be allowed to send a representative to the Institute Committee. A motion was passed that the Institute Committee elect a board to publish a new edition of "Concerning M. I. T." It was decided that the entire Institute Committee was to constitute an Associate Board and to be ready to write up the organizations they represent. A motion was passed that the meetings be held the first and third Wednesdays of each month, at 4.15 o'clock.

RECENT INVENTION.

Prof. Lanza Improves On Steam Indicator.

Professor Gaetano Lanza has adopted an improvement which is of great value in the use of steam indicators. To show the changes in pressure at different points a continuous indicator is used. This consisted of a roll of paper, upon which a recording needle traces out the pressure line, the paper moving. The problem was to move the paper forward without distorting the diagram. By the old methods a series of diagrams were formed, overlapping each other. Professor Lanza has made it possible to revolve the paper continuously in the same direction and in proportion to the piston movement, a difficult process previously. This improvement can be clamped upon any indicator without causing the apparatus to be taken apart or the paper roll to be removed. The Crosby Steam Gauge and Valve Company manufacture the indicator, which is undoubtedly a beneficial addition to the power house equipment.

1914. why don't you show your respect for the record breaking relay team? Give them sweaters.

CALENDAR.

Tuesday, November 28.
1.00—1913 Class Picture—Rogers Steps.
4.15—Chauncy Hall Club Meeting—Union.
4.15—Mandolin and Glee Clubs—Union.
5.00—1913 Technique Board Meeting.
7.30—Architectural Engineering Society Meeting—Pierce Building.

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.

Managing Board.

H. W. Hall, 1912.....General Manager
 E. W. Tarr, 1912.....Editor-in-Chief
 L. W. Chandler, 1912.....Managing Editor
 C. A. Cary, 1912.....Assignment Editor
 A. H. Waftt, 1914.....Chief News Editor
 A. J. Pastene, 1913.....Institute Editor

A. T. Gibson, 1913.....Business Manager
 L. H. Lehman, 1913.....Adv. Manager
 P. G. Whitman, 1913.....Circulation Mgr.

Business Board.

D. Van Volkenburgh, 1914..Asst. Adv. Mgr.

News Staff.

In charge of departments:
 E. W. Mann, 1914.....Athletics
 F. S. Somerby, 1914.....Societies
 Members:
 E. Steere, 1914.....M. A. Oettinger, 1914
 R. F. Barratt, 1914.....S. Zannetti, 1914

Office, 42 Trinity Place.
 Phone—Back Bay 5527 or 2180.
 Night Phone—Back Bay 5527.

All communications should be addressed to the proper departments.

Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.

Subscriptions within the Boston Post District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Rulter, 147 Columbus Ave.

TUESDAY, NOV. 28, 1911

IN CHARGE OF TUESDAY ISSUE.

EDITOR—Pastene, A. J., 1913.
 Associates—Adams, B. E., 1915; Eisenberg, S., 1915; Smith, C. L., 1914.

The Undergraduates certainly showed up strong on the cheering game at the Cross-Country race at Froogline Saturday morning. The cheering was well placed and helped the team materially. Five more points and the team would have finished in third place, and that is surely as much as the most optimistic could expect. If the men will show as much spirit in their support of the Hockey and Basketball teams all will be well.

The Orchestra has been officially recognized by the Institute Committee and have settled their difficulties with the Musical Clubs in regard to the Winter Concert, so that it seems that now it is just up to the individual members to get together and show their appreciation for what has been done for them by giving Technology one of the best Orchestras ever. If the men get together and attend the rehearsals conscientiously, and if the men who play, and are not now connected with the Orchestra, will come out and show what they are worth, we will surely be able to point with praise to our Orchestra.

COMMUNICATION.

The Editor of THE TECH:
 There are gathered in the Union, between the hours of one and two at noon, about two hundred men. After eating in the dining room and outside cafés these students, who have been busy for four hours in recitations, lectures and the like, come to the living room for a little recreation. Here recreation is a misnomer. It consists of arranging themselves quietly, neatly, upon the green cushioned seats along the wall and disporting decorously with unobjective small-talk, and timid and infantile banter. Some are languidly puffing at young "spikes," and some are not. Some try to look cheerful and others try to act bored, usually the "spiked" contingent. Those who are seated remain seated, for seats are at a premium. The others, must perforce drape themselves gracefully over chair arms or decorate the floor. No one is at ease but the three men in the centre of the

AERO CLUB MEETING YESTERDAY AFTERNOON

Excellent Talk by F. W. Caldwell On "The Efficiency of Propellers."

An important meeting of the Aero Club was held yesterday at 4.15 o'clock, in Rogers. The attendance was probably the smallest at any meeting this year, there being but twelve members present. After the usual secretary's report Mr. Caldwell gave a short talk on the "Efficiency of Propellers."

Mr. Caldwell emphasized a few points in the construction of propellers which gave the maximum efficiency to a certain limit. The head resistance increases very rapidly, and for this reason the propeller must not be too large, as an increase in diameter also means an increase in thickness and weight. The thickness of the blades is determined by the strength.

The pitch of the screw has been investigated by experts for years, and it involves very great complications. A percentage of 15 for the total slip means the maximum efficiency of the propeller. The only difficulty is to find the diameter of the propeller which will give this maximum efficiency. Mr. Caldwell gave an excellent talk on this topic, and it was appreciated by all the members present.

It was voted unanimously that only those who showed their interest by regular attendance at the meetings should be retained as members. On December 7 the American Society of Mechanical Engineers will hold a meeting and a talk will be given on "The High Speed of Gas Engines." The Aero Club has been invited to be present at this meeting.

The next meeting will be held two weeks from Monday, on December 18th. Luzerne Custer will give a talk on the "Various Methods for Testing Propellers," and also some of his own personal and daring experiences in balloon races in his home town in Ohio. Mr. Custer is the inventor of the statoscope, an instrument for recording the rise or fall in a balloon, and his talk will undoubtedly be of great interest to all.

COMMUNICATION.

(Continued from Page 2.)

floor space, who are hilariously discussing some imaginary debauch, or who are indulging in horse-play. Some atmosphere, eh? And it is usually hazy with cigarette smoke

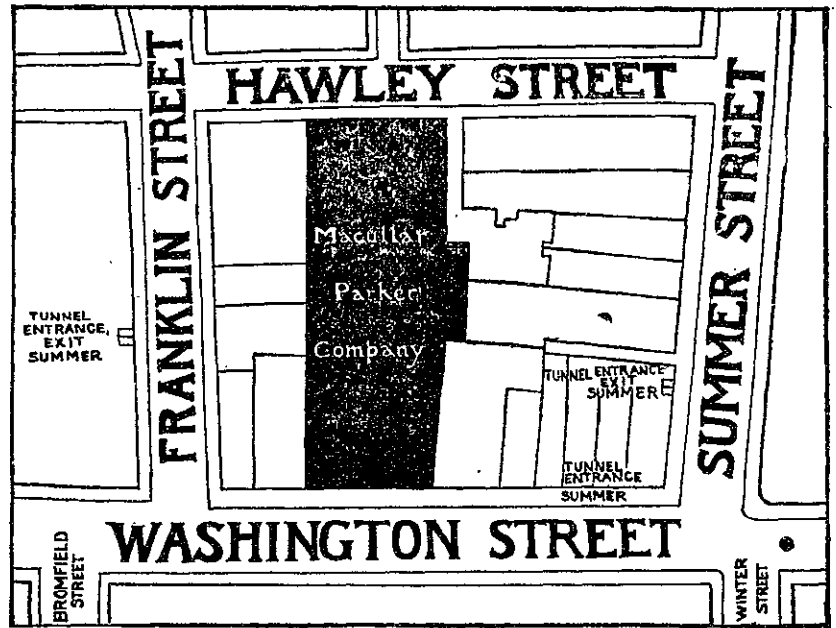
Soon some one will gravitate to the piano and give a rendition of some ragtime or a demoralization of some opera. About three men will appear politely interested, the three leaning against the post beside the piano. At about 2 o'clock the crowd thins out and is soon gone. Recreation? Not at all,—only passiveness, dormancy.

A remedy,—huh? Sure!
 Why doesn't some live pianist come on the scene, swing himself down before the piano and play something we all know? Not your abominable rag or your stale symphony in harmonic mechanical motion. Let him make the old piano sing a Tech song,—"The Cardinal and the Gray," "Retrospection," "The Dear Old M. I. T." Why not? Why not have the fellows singing the songs that have meant so much to so many loyal men and true, men who have studied, endured and accomplished? The phrases and tunes will send a thrill through the spine of many a man—will stiffen it in anticipation of the afternoon's work, and will provide in our crowded Union a convenient and undeveloped medium for the promulgation of good fellowship. The first man who will play the songs that sound so good to us will receive the gratitude of the "good fellows" and those who want to be.

"Empe," '14.

Do you patronize our advertisers?

Location of Our Store



And Comparative Area in the Block

Macullar Parker Company

CORRECT CLOTHES FOR STUDENTS made in our workshops on the premises and ready for immediate use. SUITS from \$25.
FINE FURNISHING GOODS
400 WASHINGTON STREET

Shave With a Smile

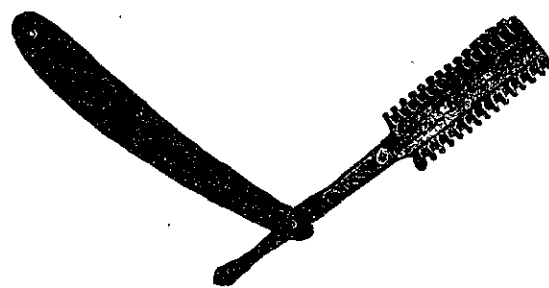
You Can't Get a Real Shave Without a Real Razor.

THE DURHAM
 DUPLEX

is a Real razor. It slides smoothly over the face severing the whiskers with the correct diagonal stroke like a scythe mows grass. It leaves the skin soft and velvety—not rough and harsh as after scraping with razors which do not have this stroke.



SPECIAL NOTICE



The Tech has a limited supply of Durham Duplex Demonstrators like cut—an exact model of the Durham Duplex Razor. These can be obtained at Tech office for 35 cents each, which

covers the cost of packing, shipment, etc.

THE
THORNDIKE
HOTEL

BOYLSTON STREET OFF PUBLIC GARDEN
BOSTON

Recognized as one of Boston's best hotels. Suited to the requirements of tourists—and the best class of business men and their families.

Rates per Day:
Single Rooms 1.50, 2.00, 2.50
with Bath 2.00 to 4.00
Double Rooms 2.50 to 4.00
with Bath 3.50 to 6.00
Parlor, Chambered and Bath 6.00 to 10.00

"Ye Old English Room"
Conspicuous for its cuisine and service. High class and same standard as the best New York restaurants.

BBB Pipes

Schryver's

Wholesale and Retail Dealer in

IMPORTED AND DOMESTIC **CIGARS**

and **SMOKERS' ARTICLES**

New Process Inlaying Guaranteed not to Loosen

44 School St., Boston, Mass.

All Goods Required by Students at

MacLachlan's

502 BOYLSTON STREET

Drawing Instruments and Materials,

Fountain Pens Text-Books

FACTORY TO WEARER
THE SPHINX HAT
\$2.00
THE **MALLORY CRAVENETTE**
\$3.00
30-BOYLSTON-ST-BOSTON

Barakian's Ideal Cafe

189 MASSACHUSETTS AVENUE,

EUROPEAN PLAN

Combination Breakfasts and Table d'hote Dinners

HOME COOKING QUICK SERVICE

Special Discount to Tech Students

\$2.25 for \$2.00 \$3.50 for \$3.00

OPEN FROM 6:30 A. M. TO 8:30 P. M.

BASKETBALL MEN HOLD SNAPPY PRACTICE

Fast Work in Two Scrimmages Between Picked Scrub Teams.

Yesterday afternoon another week of hard work was started for the Varsity basketball squad. A large amount of good material is showing up daily for practice, and Captain Schar will have a job to pick a team of five as there are two good men for each position.

The practice started with the usual passing and shooting so that the men could get their eyes on the baskets. Then followed a short scrimmage with the less experienced men. This game, however, was not as snappy as the game which followed between two teams picked from the first string men. After the first scrimmage everybody got in some fast shooting and passing again.

The scrimmage of the Varsity teams was fast and snappy, and everybody had a chance to show what he could do. Parker, last year's captain, was up against Mowry, and both put up a hard fighting game at center. Captain Schar was all over the floor dribbling and passing the ball with great accuracy. Schatz is playing a fine game at forward, and yesterday he located the basket several times. Morse, the big, husky Freshman, is making a fine showing and has a good chance of securing a position on the team. Manager Freedman exhibited rare form in his shooting, as well as doing some good defensive work. Another new man, Reed, is getting in some fast work at forward.

It will be expensive work for any of our opposing teams to make any fouls in the games. It will be hard to find an equal to Schar when it comes to foul shooting, and Freedman is running him a close second in that line. Sometime this week or next the team will have a practice game with a team representing the Alumni. Several other practice games will also be played before the opening of the schedule, on December 23. The lineup of the Varsity scrimmage was as follows:

Schar, f.....b. Metcalf
Reed, f.....b. Capen
Mowry, c.....c. Parker
Morse, b.....f. Schatz
Freedman, b.....f. Sampson

CHAUNCY HALL MEETING.

This afternoon the Chauncy Hall Club will meet at 4.15 o'clock for the election of new officers. It had been intended to elect officers for the year at the dinner last Thursday, but this intention was not carried out, so the club will proceed to business today.

E. H. S. CLUB TO MEET.

Tomorrow evening all men from the English High School are requested to meet in the Union at 1.30 o'clock sharp. This meeting is called for the purpose of getting the E. H. S. Club into running order, consequently everyone should make it a point to be there. A week ago a meeting was held, at which a temporary organization was formed. It is hoped that at the meeting tomorrow permanent officers may be elected, thus making the club a reality. One of the small rooms of the Union will be used, and considering the fact that it is to be held at noon, no man can give the excuse that it is too late in the afternoon, or that he has a recitation.

One student out of every five at the University of Pennsylvania is eking out his financial resources by more or less regular employment, and the occupations which are thus aiding them to complete their college courses range from tutoring to carpentering, and from piloting a street car to guiding audiences to their seats.

Eyeglasses and Spectacles.

We allow "Tech" Students and Instructors 10% Cash Discount On New Orders, also on Opera and Field Glasses, Compasses, Pocket Knives, etc No discount allowed on restricted goods, repairs or charge accounts.

Pinkham & Smith Company

TWO STORES

288-290 Boylston Street
13 1-2 Bromfield Street
BOSTON, - - MASS.

HAIR CUTTING UNDER COPLEY SQUARE HOTEL

4 BARBERS MANICURE

H. J. LANDRY, - - Proprietor

Apollo

THE CHOCOLATES

THAT ARE DIFFERENT

FOR SALE AT THE UNION

ESTABLISHED 1818

Brooks Brothers
CLOTHING
Gentlemen's Furnishing Goods.
BROADWAY COR. TWENTY-SECOND ST.
NEW YORK.

Christmas Suggestions . . .

OVERCOATS, ULSTERS, FUR-LINED COATS, BREAKFAST JACKETS, DRESSING GOWNS, ENGLISH HABERDASHERY, HATS, SHOES, TRUNKS, BAGS, FITTED CASES, STICKS, PIPES, POUCHES. :: :: :: :: ::

Recent importations containing many novelties from the West End London shops

SPECIAL CHRISTMAS CATALOGUE ON REQUEST

Old Established Dining Room

Mrs. H.O. Hanson, Prop.

33 SAINT BOTOLPH STREET

21 Meal Ticket \$4.50 14 Meal Ticket \$3.50
7 Dinners 2.50 7 Lunches 1.50
Breakfasts 30c. Luncheon 25c. Dinner 40c
WE CATER ESPECIALLY TO STUDENTS

STRICTLY HOME COOKING AT THE Harcourt Dining Room

38 SAINT BOTOLPH ST., BOSTON

Ticket: 7 Breakfasts, 7 Luncheons and 7 Dinners, \$4.50. 14-Meal Ticket: 7 Dinners, 7 Breakfasts or Luncheons, \$3.50. Breakfasts, 10 to 30c. Luncheons, 25c. Dinners, 40c. 7 Dinners, \$2.50. 7 Lunches, \$1.50. We make a specialty of catering to Tech Students.

OLD COLONY TRUST COMPANY

Capital and Surplus, \$12,500,000.00

Main Office, Court Street

Branch Office, Temple Place

SAFE DEPOSIT VAULTS AT BOTH OFFICES

McMORROW College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL

PLYMOUTH THEATRE
Tel. Ox. 2075
ELIOT ST., NEAR TREMONT

Pomander Walk

SHUBERT THEATRE
Evenings at 8
Wed. and Sat. Matinees at 2
Maeterlinck's Exquisite Fantasy

THE BLUE BIRD
NEW THEATRE PRODUCTION

MAJESTIC THEATRE
Tonight at 8.15
Matinees Wed. & Sat. at 2.15

HENRY W. SAVAGE
offers the Inspiring Dramatic Spectacle
A MODERN MORALITY PLAY
BY WALTER BROWN

EVERY-WOMAN

Her Pilgrimage in quest of Love
N. Y. Production and Cast
Ensemble of 200 people

Castle Sq. Daily 2 and 8
Tel. Tremont 5

Mr. John Craig Announces
THE SCREAMING FARCE
"BEFORE AND AFTER"

Prices 15c, 25c, 50c, 75c, \$1.
Down Town Ticket Office—15 Winter Street

COES & STODDER

Desirable Shoes for Students

10 TO 14 SCHOOL ST.

Classified Advertisements and Notices

HERRICK, COPLEY SQUARE
Choice Seats for all Theatres
Phone B. B. 2328
Key Number Connecting Five Phones (1-14)

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)

WANTED—Dress suit to fit a man 5 ft. 11 in. high. Address H. P. Vieth, 4 Cotton street, Roslindale. Tel. Rich. 2430. (50-7t)

November 24, 1911.
The exercises of the Institute will be suspended on Thanksgiving Day, Thursday, November 30.

A. L. MERRILL, Secretary.
A VALUABLE WATCH AND FOB have been found and lie at the Bureau's Office awaiting an owner.

A PRIVATE HOME.
For two or three fellows, board and room at reasonable rates. Tel. 4797-J, Brookline, 36 Vernon street. (52-4t)

C. M. T. S. ASSOCIATION will hold the annual dinner at the Boston City Club, 9 Beacon street, on Tuesday, the 28th, at 7 o'clock. The Committee have tickets at \$1.50. Make your application and acceptance so that this may be an even better reunion than last year. (Signed) The Executive Committee. (52-3t)

NEED A SHAVE?
Did you get one of those Tech razors? Of course you did. When you need some more blades for it we have them at THE TECH office. Six blades 50c. Twelve cutting edges We have twelve razors left which will be sold at the special price of 35c while they last. All aboard for a smooth face and a clean one!

NOTICE.
Cross-Country Team picture postponed to Monday, December 4.
EARL E. FERRY.

ONE BUNCH OF KEYS LOST. Return to Cage. (50-5t)

A homelike, first-class hotel, proud of New England traditions, dating from Gen. Warren, yet newly furnished with every comfort & convenience

THE AMERICAN HOUSE
BOSTON

Long distance phone and hot and cold water in every room. Kept constantly clean by our vacuum plant. Rooms \$1.00 a day and up.

PRESTON'S Coffee House

OPEN ALL NIGHT

1036 BOYLSTON ST.
BOSTON

Telephone, 21717 B. B.

Established 1847

THOS. F. GALVIN, Inc. Flowers

24 Tremont St., Boylston cor. Fairfield
BOSTON

"THE LITTLE PLACE"
"ROUND THE CORNER"

Copley Lunch

QUICK SERVICE

A. G. MORSE, Tailor

Owing to an open fall I will make all my \$40.00 and \$45.00 suits at \$38.00 for thirty days.

18 BOYLSTON STREET, BOSTON, MASS.
Rooms 14 and 15 Telephone, Oxford 109

STONE & WEBSTER

CHARLES A. STONE, '88 EDWIN S. WEBSTER, '88
RUSSELL ROBB, '88 HENRY G. BRADLEE, 91
ELIOT WADSWORTH, 91

Securities of Public Service Corporations
Under the Management of Our Organization

STONE & WEBSTER Management Association **STONE & WEBSTER Engineering Corporation**
GENERAL MANAGERS OF PUBLIC SERVICE CORPORATIONS CONSTRUCTING ENGINEERS

Oak Grove Creamery Company

431-437 Boylston Street

Visit our New Lunch Room. Finest Food. Quickest Service

Open from 11.30 a. m. to 3 p. m.

Up One Flight Elevator Service

Combination Breakfasts Special Lunches, a la Carte
and Table d'hote Dinners

Street Floor OPEN FROM 6 A. M. TO 8 P. M.

HOTEL BRUNSWICK
BOSTON

EUROPEAN AND AMERICAN PLANS

HERBERT H. BARNES, Proprietor.

Those Irish fleeces for that overcoat you should have!
Tight as a top-coat, and warm as the wool on the sheeps back.
\$45 and upwards.

Other choice fabrics. \$25 and upwards.
That old-fashioned winter will soon be here.
Don't delay or you'll get caught.

Burke & Co., Inc. Tailors

15 School St., Boston. 1245 Massachusetts Ave., Cambridge
14 Washington St., Boston. Bridgman's Bldg., Haverhill, N. H.
7 Main Street, Andover, Mass.

MR. A. J. SHEAFE
Master of Dancing

383 BOYLSTON STREET, CORNER GLOUCESTER STREET

Private and Class Instruction

Telephone, Back Bay 1957W

SPECIAL RATES TO TECH MEN

"ZARIFFE"

Private Monogram CIGARETTES

100 for \$2.00

Gold, Cork, Straw or Plain Tips. Natural fragrance, mildness and satisfying qualities

SAMPLE THEM IN THE UPPER TECH OFFICE

A. T. GIBSON, Agent