

THE TECH

VOL. XXXII. NO. 47

BOSTON, MASS., MONDAY, DECEMBER 2, 1912

PRICE TWO CENTS

HANDICAP RACE WON BY HILL, WILKINS, 2ND

First Time Prize Won by Benson—Few Entries—Freshmen Lose Course.

Although there was a scarcity of entries for the annual Fall handicap cross-country race, which was held Saturday afternoon over the Wakefield course, it was very good otherwise, well contested and interesting. The men left at 2:14 from North Station, and upon arriving in Wakefield proceeded to the Wakefield Y. M. C. where the management had kindly consented to let them prepare for the race.

The start was not very interesting, since the men, on account of their handicaps, were sent away at different times. C. S. Hill, '14, in the actual time of 42:31, was the victor, and Wilkins, '14, was about 100 yards behind Hill, and finished in 42:48. Both of these men, however, had a handicap of 1:45. The first time prize was won by H. S. Benson, '16, in 41:51, which only gives him third place in the race. Several of the men lost the course, and consequently finished so far behind that no time was taken. The day was very cold and windy, and the effect was to make the time some seconds slower than usual. The record for the course of 41:36, which is held by Captain Nye, was not endangered; but under proper conditions Benson would probably have somewhat bettered it. The course at Wakefield is seven miles in length, and the fact that nine men finished shows the calibre of the men who have been running cross-country this fall. All the men were in good condition at the finish. As this run was longer than either the I. C. A. A. A. or the N. E. I. C. A. A. races it was a severe test of the strength of the runners. With more men entered the race would have been more of a success and decidedly more interesting.

As the title is awarded to the four men making the best actual time in his race, C. S. Hill, '14, and Wilkins, '14, become eligible for this insignia. Those who finished among the first four receive no letters, however, unless their actual running time was less than that of others who finished behind them but had a smaller handicap. There are three cups offered to the winners in this race, two for the first men to finish, and one for the runner making the best actual time. These prizes have been on exhibition at the Union during the past week, and the winners may obtain them there.

The order of finish, actual time and handicaps is as follows: 1st, C. S. Hill, 42:31, handicap, 1:45; 2nd, Wilkins, 42:48, handicap, 1:45; 3rd, H. S. Benson, 41:51, scratch; 4th, Lovell, 46:19 2-5, handicap, 4 min.; 5th, A. F. Nye, 42:30, scratch; 6th, S. E. Best, 47:37, handicap, 4 min.; 7th, J. H. Murdough, 49:15, handicap, 5 min. G. P. Allen, '16, and H. H. Porter, '16, also finished, but as they became lost no time was taken for them.

A novelty was initiated last week at Princeton, just before the Yale-Princeton football game, when a dual musical concert was given by the Yale and Princeton Glee Clubs.

COSMOPOLITAN DANCE IS GREAT SUCCESS

Foreign Students at Tech and Harvard Guests—Large Attendance.

Saturday night, in the Hotel Tuilleries, the Cosmopolitan Club held a very successful dance. The foreign students at Tech and at Harvard were the guests of the club, and several members of the Faculty were also present. In the receiving line were Dean and Mrs. Burton, Mrs. Spear, Dr. and Mrs. Bigelow and Mrs. G. E. Ranney.

The main hall of the hotel was beautifully decorated with plants and streamers. In the grand march the dancers were arranged to form a T, which was given the right color by the use of streamers of red and gray. After supper Mrs. Burton pulled a cord which brought to view large American and English flags, which were joined by a Tech banner. Everyone then joined in singing "America."

All who attended thought the dance a very successful one, and great credit is due the committee, which is composed of Edward Hurst, L. H. Lehmaier, Harry Peck and Gardner Ranney, all of whom are members of the Senior class.

HISTORY COMPETITION.

No Class Histories Received—Time Extended One Week.

Owing to the fact that no entries in the Class History contest have as yet been received by the Class History Editor of Technique, the time limit for writing these articles has been extended to December 9th, one week from today.

This competition offers a fine opportunity to all those wishing to win a deluxe edition of the 1914 Technique. No great literary talent is necessary; original ideas and treatment being of greater importance than flowery English. As none have been received from any of the classes, any one can start now with an opportunity never before witnessed.

FRESHMAN DRILL SUITS.

Uniforms May Be Obtained Today—Must Be Worn Soon.

The time after which all the Freshmen will be required to attend drill in uniform has been announced. The Monday battalion may purchase their uniforms today and are expected to wear them to drill Wednesday if possible. The Wednesday battalion may purchase their uniforms on Monday or Wednesday, and will be required to wear them Friday, while it is desired that they be worn on Wednesday of this week. The Monday battalion will be required to wear their uniforms on Monday of next week.

By uniforms not only the drill suit is meant, but also military collars, white gloves, cap, breast-cord and polished black shoes.

FRESHMAN BALLOTS.

The corrected ballots for the election of officers to the Class of 1916 are due on December 4, at the Cage. Ballots that are handed in late will not be counted.

ALL-TECHNOLOGY DINNER SATURDAY

Anniversary of Ex-President Rogers' Birth—Tickets On Sale in Union.

Arrangements are being made by the All-Technology Dinner Committee for its first annual dinner, which will be held in the Union on Saturday, December 7th. Tickets are on sale every day in the Union, and as the supply is limited to the capacity of the dining room, all those expecting to be present should purchase their tickets at once. All loyal Technology men are expected to be present, as it is one of the few events of the school which should be of interest to everyone. This is the first affair of its kind in the history of the Institute.

Its object is to increase the spirit of the men in the Institute, bring them all together at once, and make the students more loyal and interested in Technology. The date chosen is the anniversary of the birth of ex-President Rogers, and for this reason alone a large number, it is hoped, will be present to celebrate the birth of the founder of the Institute. The idea originated with the Institute Committee, which is promoting it for the welfare of the Institute.

The committee is endeavoring to secure the best speakers in the Institute to entertain those attending, and although none have been engaged yet, it is certain that an interesting program will be offered. The speeches will be upon interesting subjects that are of importance to all Tech men. Among those whom the committee will ask to speak will be President MacKaurin, James P. Munroe and the leaders of the several student activities. The price of the tickets is seventy-five cents, and they may be bought any time at the Cage. The committee in charge of this dinner will make more specific announcements later in the week.

AMERICA LEADS WORLD.

Since 1899, when the United States supplanted Great Britain, this country has held first place among the coal-producing countries of the world. In 1911 the total world's production of coal amounted to approximately 1,300,000,000 short tons, of which the United States contributed 496,221,168 tons, or 38.1 per cent. In the 12 years from 1899, when the country first surpassed Great Britain, to 1911 the production of the United States has increased nearly 100 per cent., while Great Britain has increased its output about 25 per cent., from 246,506,155 short tons to 304,518,927 tons. The United States in 1911 produced over 60 per cent. more than Great Britain. Germany's production of coal and lignite in 1899 was 149,719,766 short tons; in 1911 it was 258,223,763 tons, an increase of over 70 per cent.

MID-WINTER CONCERT.

Tickets for the mid-winter concert are going fast and only a comparatively few days remain before the sale will be discontinued. The fine program that has been arranged and the excellent concert given by the Musical Clubs at Wellesley Hills indicate that the dance will be a success. Tickets are \$1.50 each and may be obtained from the officers of the clubs.

1914 DINNER EXPECTED TO BE BIG SUCCESS

Prom Committee Will Announce Returns—Excellent Program to Be Provided.

The class of 1914 expect every '14 man to show his class spirit, shell out 75 cents and come to the annual banquet tomorrow evening. As this is the one exclusive function of the year for 1914, the officers hope each one will do his share and come. The menu to be provided by Steward Colton should be a sufficient drawing card in itself.

As a further aid to fraternity feeling and good fellowship, four of the Institute's best speakers, Professors Dewey and Russell, Bursar Rand and Dean Burton, will each give a talk that no '14 man can afford to miss. The Junior Prom Election Committee promises that the returns will be ready some time during the evening.

The sale of tickets will close at 4 o'clock today, as a definite statement of the number of plates ordered must be given to Steward Colton tonight. All men having unsold tickets are asked to bring them to the Union at 4 P. M. today, without fail.

ATHLETES MEET TODAY.

Coach Kanaly, Captain Germain and Alumni to Speak.

At a meeting of those taking track work, which will be held in the Union at 4 o'clock this afternoon, the work to be followed during the indoor season will be clearly outlined by Coach Kanaly and Captain Germain. The idea of this meeting is to give all those taking part in athletics a clear idea of what they will be expected to do, and in what races they may expect to be entered. As was announced in Saturday's TECH, all men taking part in track athletics will be present, while Freshmen will be excused from work in the Gym, owing to their presence at this meeting. In order that the coaches and men may work together to the best advantage all should make a particular effort to be in the Union at 4 o'clock.

An effort will also be made to have several of the Alumni give talks, and several stars of recent years will be asked to attend. The information obtained from these talks will be invaluable to all, Freshmen especially; and all those attending will find it well worth their while.

The University of California, with an enrollment of 7,263, is now the second largest college in the country, Columbia being the largest.

It is likely that the Oxford and Cambridge track teams will come to America next spring to compete with the Harvard and Yale teams at the stadium in Cambridge.

WEATHER.

Forecast for Boston and vicinity: Unsettled and warmer, probably followed by rain.

CALENDAR.

Monday, December 2, 1912.
4.00—Athletic Meeting—Union.
Tuesday, December 3, 1912.
6.30—1914 Annual Banquet—Union.

THE TECH

Entered as second-class matter, Sept. 16, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.
Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

MANAGING BOARD.

A. T. Gibson, 1913.....General Manager
S. H. Taylor, 1914.....Editor-in-Chief
A. H. Waitt, 1914.....Managing Editor
B. E. Adams, 1915.....Business Manager

NEWS BOARD

M. Paris, 1914.....Institute Editor
H. Rogers, 1915.....Societies Editor
F. C. Poote, 1915.....Athletic Editor
P. J. Munn, 1915.....Exchange Editor

NEWS STAFF.

S. Berkowitz, 1915.....

BUSINESS BOARD.

L. C. Lamb, 1914.....Adv. Manager

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

Office Hours of Managing Editor:
8.40 to 9.00 A. M. daily. 1.30 to 2 P. M.
Except Thursdays and Saturdays.
Office Hours of Business Manager:
8.30 to 9.00 A. M. Daily.

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

MONDAY, DECEMBER 2, 1912

ALL-TECHNOLOGY DINNER.

On Saturday evening of this week will occur the All-Technology dinner which will bring, as the name implies, all Technology men together without restriction. It is then an opportunity for every man to show his Technology spirit by making a great effort to attend. This is the one time during the year when we can all meet socially with the big purpose in mind of celebrating the birthday of President Rogers, the Founder of the Institute, and of furthering the ideas and ideals of a great engineering school, whose Faculty is famous in every branch of science, and whose graduates are prominent in all the walks of life.

It is indeed fitting that we come together in this way, for in such gatherings is born and fed the love and affection for our Alma Mater. Many prominent men of Technology will speak, and we shall be told many things of interest from the various points of view of student life. Let us all give our share toward the success of this dinner.

It is indeed fitting that such a function be held on the anniversary of the birth of President Rogers, because there is no way that he would be more pleased to have us use for giving honor to him. We are carrying out his idea. President Rogers desired the unity of Technology as well as he desired her breadth, and it would be his wish that every man attend the dinner. Let us consider this an opportunity, however small it may be, to express our gratitude to President and Mrs. Rogers, for giving the world such an institution as we now represent, and let us continue to do so from year to year by making Founder's Day an annual celebration which will bring us all together as a body of true and loyal men of Technology.

SENIOR PIPE COMMITTEE.

Last Chance to Order Pipes Comes on Tuesday.

Representatives of the Senior Class Pipe Committee will be in the Union today and tomorrow, from 1 to 2 o'clock, to take any further orders for pipes. This is positively the last chance as no orders will be taken after tomorrow. Various shapes of pipes can be had, among them the English street pipe and the poker pipe, which are now so popular. The committee has obtained a large reduction on these pipes.

C. E. SOCIETY TO GO THROUGH NEW TUNNEL

Trip Will Be Made Next Saturday Under Guidance of Contractor and Engineers.

On Saturday, December 7, a trip through the new Boylston street subway will be made under the auspices of the Civil Engineering Society. It is hoped that students desiring to take advantage of the opportunity to inspect the subway in its various stages of completion will not fail to be on hand. The tunnel is being constructed for the purpose of relieving the traffic on Boylston street, and runs from the present Tremont street subway along the Riverside and under the Fenway, coming out in Commonwealth avenue. The present route of vehicles to Brighton, Allston and the Newtons impresses considerable strain on the railroad bridges, and the authorities have deemed it necessary to alleviate this by the construction of the tunnel.

The party will meet at the corner of Clarendon and Boylston streets, in front of the Walker Building, promptly at 2 P. M., and it is estimated that two hours will be required to view the work. The contractor and his engineers have offered every facility to the society to make the inspection not only interesting but also instructive. It is not the intention of the officers of the society to limit the personnel of the party to members of the society and consequently all are invited.

GOLD DEPOSITS.

The "Gold Lodes of the Carrville District, Trinity County, California," is the subject of a brief report by D. F. MacDonald, of the United States Geological Survey, just issued as Bulletin 530-D.

In 1909 Mr. MacDonald visited the Carrville district and gathered some data on its mining geology, and a report on the gold gravels of the region was published by the Survey in Bulletin 530; but the author's baggage and notes were burned before anything on the geology of the gold lodes was written. Another visit to the region was therefore made and the results are now published. The growing economic importance of this mining district, Mr. MacDonald states, merits notice and he expresses the hope that his report will attract attention to the end that mining in general may be benefited. The total gold output of the district from 1890 to 1910 is stated to be \$7,747,906.

The future prospects of the district are believed to be very good and it is thought that before long several small to moderately-sized gold properties will be put on a paying basis. Of course a railroad connecting with the Southern Pacific Railroad would greatly benefit the district. Such a railroad would derive income, not only from the quartz and placer mining interests, but from the rich agricultural lands in the valley bottoms and from the lumber business. It is true that much of the timber is within the Trinity National Forest, but the ripe product is sold off at intervals and this together with the timber from private holdings makes the lumbering industry important.

A copy of the report may be obtained free upon application to the Director of the Geological Survey, Washington, D. C.

DEDICATED TO 1916.

Sing a song of freshmen,
Green as growing grass;
All the old and seasoned ones
Laugh to see them pass.
When the year is over,
And the profs. are through,
They'll come from their finals,
Not green, but black and blue.

COES & STODDER

Desirable Shoes for Students

10 TO 14 SCHOOL ST.

TECH MEN Do you want a first class shave or hair cut.
Hair Cut 25c. - - - Shave 15c

First class work by competent barbers. Pool and Billiard Room.

MAYNARD'S BARBER SHOP
at Garrison Hall - - - - - Near Tech Gymnasium.

Overcoats! Overcoats!! Overcoats!!!

You never saw such a quantity, and variety of design, as we have to show, of overcoatings of the finest fabrics, both imported and domestic, from which to make your selection.

Old Boreas, with his icy blasts, will soon be here, and you should be prepared. Don't delay ordering, as you should give us plenty of time, for thorough workmanship.

\$25.00 to \$50.00

BURKE & CO. Incorp. Tailors

18 SCHOOL STREET, and 843 WASHINGTON ST., BOSTON
HARVARD SQUARE, CAMBRIDGE
ANDOVER, MASS. HANOVER, MASS.

HOTEL BRUNSWICK

BOSTON

EUROPEAN AND AMERICAN PLANS

HERBERT H. BARNES, Proprietor

L. P. HOLLANDER & CO.

202-216 Boylston Street

SPECIAL OFFER

Six Shirts to measure for Negligee \$12.00, pleated \$15.00

We will take orders for MEN'S SHIRTS, Cuffs Attached, made from best

IMPORTED MADRAS

In lots of half dozen or more for Negligee 6 for \$12.00

Pleated Bosom 6 for \$15.00

SUBJECT FOR T. C. A. MEETING THURSDAY

Mr. G. W. Coleman Will Speak On "Keeping Your Equilibrium"—1.30 in Union.

"Keeping Your Equilibrium" is the subject for the next T. C. A. talk on Thursday, at 1.30 o'clock, in the Union. It is a subject of vital interest to every Tech man, and it is hoped that there will be a large attendance. The speaker, Mr. Geo. W. Coleman, is a man of wide experience both in the business and political world.

Mr. Coleman is advertising manager of the McElwain Co., a boot and shoe manufacturing company located on Congress street. He is president of the Confederate Advertising Clubs of America, a national organization which promotes better methods of advertising throughout the country. At the Republican Convention Mr. Coleman was one of the eight delegates-at-large from Massachusetts. He was pledged to support Roosevelt, and at the forming of the new party was engaged in most active work for the Progressives.

The Ford Hall meetings, which have met with great success in Boston, are the result of Mr. Coleman's earnest effort. These meetings consist of a series of lectures on topics pertaining to religious, social and scientific life. They are open to the public and reach a large class. Mr. Coleman's idea of extending this series of lectures to other cities has accomplished much good.

CATHOLIC CLUB HOLDS MEETING WEDNESDAY

Large Attendance Expected to Be Present—Mr. Mullen Will Speak.

The M. I. T. Catholic Club will meet in the Union on Wednesday evening, to hold its third meeting of the current year. Dinner will be served at 6 o'clock, and all members are expected to be there at that hour. The chief speaker of the evening will be Mr. Thos. A. Mullen, a gentleman who is well known for his ability for making after dinner speeches. Although the speaking of Mr. Mullen is to be the chief entertainment of the evening, the business which will follow his address will be of special interest itself, since at this time plans for a dance will be made, to take place in the near future. The meeting is expected to be a great success, and at least an attendance of seventy-five is looked for by the officers of the society.

ARCHITECTURAL SOCIETY TO HOLD TRYOUTS SOON

Plates Will Be Given Out to All Students Who Are in Competition.

The tryouts for membership of the Architectural Society will be held in the near future. The test consists in making a tracing of some plate, usually taken from the Architectural Library. About two weeks are given for the men to complete this work. Then the tracings are turned in to the Tracings Committee of the society. They examine the work and report the names of those whose efforts were up to the standard. They are then voted upon by the society, and if successful, are declared active members.

Usually the tryouts are entirely completed by December first, but this semester the society was unable to conduct them any earlier. The date on which the plates will be assigned will be announced later in THE TECH.

ADDITIONS TO GENERAL LIBRARY IN ROGERS

Sixty-seven Volumes Purchased From Fund Left by J. N. Cod.

An addition to the General Library in Rogers of sixty-seven volumes has just arrived, and will be immediately placed on the shelves. The books were purchased from a fund left by the late John Hume Cod for the purpose of adding to the present collection a number of strictly non-technical books. Professors Bates and Noyes are the trustees of this fund and are in charge of the purchasing of additional literature. This is the first set of books that they have bought and more additions are expected to follow.

The amount of money will not be spent for several years, and a considerable number of books are expected to be added to the library by this time. The purpose of specifying that the books shall be non-technical is to enrich the library in literature of this sort, to give men an opportunity to obtain reading of a greater scope and variety and not be limited to strictly professional subjects.

The Electrical Engineering Laboratory has been reclassified according to the decimal system to facilitate the use of the books by the students.

COLLEGE NOTES.

The total registration of the University of Pennsylvania is 5,261. This is a decrease of 91 from the enrollment of last year. The number of Freshmen, however, is 82 more than the first-year class of a year ago, numbering 1,313 men. The Wharton School shows a big gain over the enrollment of any previous year.

An investigation of Yellow Helmet and Monastics, two social organizations of the University of Wisconsin, will be begun by the Student Conference at Wisconsin to determine whether the societies have any purpose beneficial to the university.

The University of Michigan now has a greater registration of foreigners than any other American university, the foreign students numbering 200.

Delta Phi Delta, a national honorary fraternity in fine arts, has been founded at the University of Kansas.

The subject for the annual discussion between the various departments at Yale for this year is the same as the question debated by Brown, Dartmouth and Williams last year. It deals with the control of industrial corporations.

Harvard has received a gift of \$50,000 for the erection of a chemical laboratory from T. Jefferson Coolidge of Boston, former minister to Paris. The new laboratory, which is to be a memorial of his son, who died last April, will be the second of a group of buildings planned by the Harvard Department of Chemistry. The Coolidge Memorial Laboratory will be used chiefly for research work.

In the fall regatta at Princeton the Seniors won the one and three-quarters mile boat race for eight-oared crews. The Juniors, Sophomores and Freshmen finished second, third and fourth, respectively.

A gift of \$100,000 to Harvard College is one of several public bequests made in the will of Dr. Arthur Cabot of Canton, Mass., recently. Half of the income of this fund is to be used in purchasing books for the fine art department of the library, and half for the general purposes of the medical school.

STONE & WEBSTER

CHARLES A. STONE, '88
RUSSELL ROBB, '88
ELIOT WADSWORTH, '91

EDWIN S. WEBSTER, '88
HENRY G. BRADLEE, '91
DWIGHT P. ROBINSON '92

JOHN W. HALLOWELL

Securities of Public Service Corporations
Under the Management of our Organization

STONE & WEBSTER Management Association
GENERAL MANAGERS OF PUBLIC SERVICE CORPORATIONS

STONE & WEBSTER Engineering Corporation
CONSTRUCTING ENGINEERS

THE ADVANTAGES WE OFFER

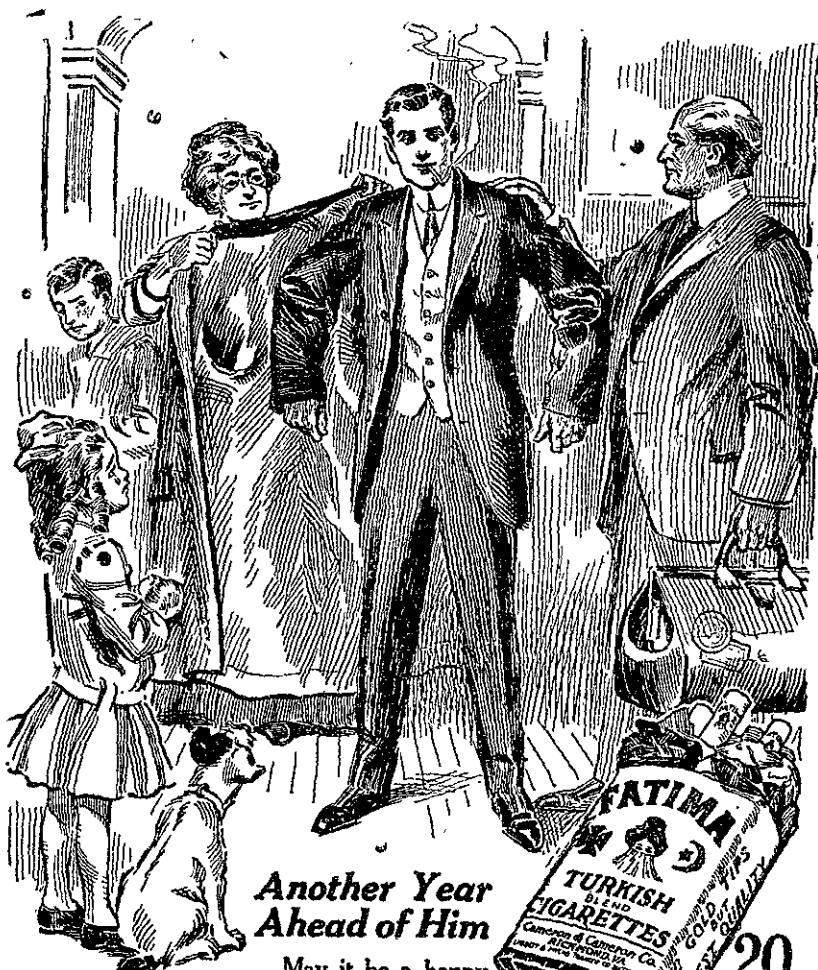
PROGRESSIVE methods, resources in excess of \$97,000,000, and two conveniently located, thoroughly modern bank buildings, combine to make the Old Colony Trust Company the most desirable depository in New England for both working and savings accounts.

Interest-bearing accounts subject to check may be opened either at Court Street or Temple Place, and the two offices used interchangeably for the transaction of your banking business.

OLD COLONY TRUST CO.

Main Office
Court Street

Branch Office
Temple Place



Another Year Ahead of Him

May it be a happy one—may he always have Fatimas.

With each package of Fatimas you get a pennant coupon, 25 of which secure a handsome felt pennant—Colleges, Unions and Fraternal Orders (12x32)—selection of 115

Leggett & Myers Tobacco Co.

"Distinctively Individual"

BOSTON OPERA HOUSE

MON., 8 to 10.45. TOSCA. Garden, Dalmores, Marcoux. Cond. Moranzoni.

Wed., 8 to 10.45. TALES OF HOFFMANN. Edvina, Amsden, Fisher, Clement, Marcoux, Leveroni. Cond. Andre-Caplet.

FRI., 8 to 10.45. LA BOHEME. Bori, Dereyne, Clement, Rossi (debut), Pulcini, Segurota. Cond. Moranzoni.

SAT., 2 to 5. THAIS. Garden, Marcoux, Dalmores, Lankow. Cond. Andre-Caplet.

SAT., 8 to 10.45. TOSCA. Amsden, Sacchetti, Blanchart. Cond. Moranzoni.

SECOND SUNDAY ORCHESTRAL CONCERT.

DEC. 8, 3.15 to 5. Rameau-Debussy Program:

Soloists: Mary Garden, George Copeland, Mme. De Courcy, Diaz, Lippmann, Valdir. Complete Chorus and Orchestra. Cond. Andre-Caplet.

Prices, 25c to \$1.00.

Downtown Ticket Office, Steinert's 162 Boylston.

Mason and Hamlin Pianos Used. Address Mail Orders to Box Office.

MAJESTIC THEATRE

Tonight at 8

Matinees Wed. & Sat. at 2.10

THE MASTER OF THE HOUSE

SHUBERT THEATRE

Wed. and Sat. Matinees at 2.15

The Passing Show of 1912

UNIFORMS

The Contractor will have new uniforms and those turned in for repair work ready for delivery on Monday, Dec. 2. He will also be there Wednesday.

He will have all uniforms and officers equipments on these dates.

Beginning Dec. 6 all members of the Cadet Regiment must appear in uniform at all drills.

POOLE'S ORCHESTRA

181 Tremont Street

Room 15

Telephone Oxford 4288-J

Hours 1-4 P. M.

Young Mens Hats for Every Occasion
COLLINS & FAIRBANKS COMPANY
 363 WASHINGTON STREET - BOSTON

Classified Advertisements and Notices

CLASSIFIED ADVERTISEMENTS AND NOTICES.

Faculty Notices, free. Activities, 4c. per line. Individuals, 10c. per line, 6 words to a line.

FOUND—Slide rule and case, Pipe case, Raincoat, Text-books, Umbrella, Bunch of keys, 2 Stick pins, 2 Note Books, 3 Watch Fobs, Fountain Pen, Watch, 2 pairs of Rosary Beads, Fraternity Pin. Apply at Bursar's office.

A MEMBER of the Senior Pipe Committee will be in the Union Tuesday, Wednesday and Saturday, from noon till 1.30, to receive orders. J. G. Goff, Chairman. (43-5t)

SENIOR CLASS Pipe Committee will be at Union Friday, at noon, to take orders for class pipes. (Fri 1t)

SENIOR CLASS Pipe Committee will be in Union to take orders for pipes Saturday, from 11 to 2. (Sat-1t)

FOR PRINTING AND TYPEWRITING, we have the facilities and experience that puts us at the top in the point of speed, convenience and economy in Tech work. We have save some over half another's quotation. Before placing an order come to us for our price.

TECH TYPEWRITING BUREAU, Opposite the Union. 39 Trinity Place. (Mondays)

TO LET—A very nice square room, with flat top desk, for two; also one side room. Inquire at 12½ St. James avenue. (44-3t)

MUSICAL CLUBS—Train for Wellesley Hills Friday, December 29, leaves Trinity Place Station, B. & A. R. R. at 8.24 P. M. Be on hand at least ten minutes before train time. Train leaves Wellesley Hills at 11.54 P. M. for return to Boston. R. S. Rankin, General Manager. (44-2t)

Dancing Parties every Wednesday and Saturday evenings. Lundin Gymnasium, 44 St. Botolph street, Boston. Refined patronage. (Tues-Fri)

Lunch at CANN'S

Dining Room & Sea Grill

Broiled Live Lobsters a Specialty

228 Massachusetts Avenue

Boston, Mass.

Open from 6 A. M. to 12 P. M.

THE TECH

Morning Delivery

THE TECH is prepared to deliver the paper before 8 a. m. to all students rooming on the following streets - St. James Avenue, Newbury St. The Fenway, Westland Avenue, Huntington Ave., below Massachusetts Ave., St. Botolph and cross streets.

SEND A POSTAL TO CIRCULATION MANAGER

and the Service is yours. All men on these streets who have bought subscription Books, can have this service by turning in Book to us with name and address.

McMORROW

College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL

The Original

TECH BARBER SHOP

Increased Business. Increased Help. Everything Sterilized.

Copley Square
 Bootblack - Second Floor

HERRICK, COPLEY SQUARE

Choice Seats for all Theatres

Phone B. B. 2323

Key Number Connecting Five Phones

Students' used clothing and other personal effects bought by

KEEZER

360 COLUMBUS AVENUE
 (Near Dartmouth St.)

Highest prices paid for same.

TRE. 916. Phone Write or Call
 Open Evenings to 9 o'clock

Richard's School of Dancing

Class Night Monday 7.30 :: Socials 8.30

Private Lessons by appointment daily. Get the Tango and the Boston, the latest rage in Paris and New York. TEL. CONN.

30 Huntington Ave. :: Boston

BEST PRICES

...On...

DRAFTING INSTRUMENTS, PAPERS, TRACING CLOTH, TRIANGLES, T SQUARES, SLIDE RULES, PENCILS, ETC. PAINTS VARNISHES AND HARDWARE.

222 CLARENDON ST.

ALSO

84 WASHINGTON ST.

Catalogues Free

Wadsworth, Howland & Co.

Incorporated

ESTABLISHED 1818



USEFUL CHRISTMAS GIFTS FOR MEN

Overcoats, Ulsters, Fur-lined Coats and Wraps, Dressing Gowns; Breakfast Jackets, Umbrellas, Walking Sticks, Fitted Bags and Dressing Cases, Angora wool Mufflers and Waistcoats; Razor Sets and Flasks, Pocket Books and Stud Boxes; Cigarette Cases; Pipes and Pouches.

Boston Sales Offices
Lawrence Bld'g
 Tremont & West Sts.