

THE TECH

VOL. XXI.

BOSTON, DECEMBER 12, 1901.

NO. 10.

THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

RICHARD C. TOLMAN, 1903, *Editor-in-Chief*.
G. E. ATKINS, 1904, *Assistant Editor-in-Chief*.
H. W. GODDARD, 1904, *Secretary*.
C. H. GRAESSER, 1905, *Alumni Editor*.
C. A. SAWYER, JR., 1902.
W. H. FARMER, 1902.
I. RAYNE ADAMS, 1902.
W. J. WELLMAN, 1902,
H. A. SCHERRER, 1903, } *Art Editors*.

PRESTON M. SMITH, 1904, *Business Manager*.
C. S. SPERRY, JR., 1904,
C. W. JOHNSTON, 1905, } *Assistant Business Managers*.

OFFICE: 30 ROGERS, 491 BOYLSTON STREET.

OFFICE HOURS:

Editor-in-Chief, Monday, 11-12.30 P.M.
Business Manager, Thursday, 12-1 P.M.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

All communications with the Alumni Department should be addressed to the Alumni Editor.

Subscription, \$2.00 per year, in advance. Single copies, 10 cts.

Entered in Post Office, Boston, Mass., as Second-class Matter.

Puritan Press, Boston.

EDITOR'S NOTE.—On account of work as Editor-in-chief of *Technique*, Mr. Morse has resigned the office of Editor-in-chief of THE TECH, and has been granted a leave of absence from the Board until the publication of *Technique* in April. Mr. Morse has resigned the position of Business Manager on account of pressure of work.



IN another column it will be seen that the winter meet is close at hand. As is generally known, this meet is the first of the year in which the points won are counted towards the class championship awarded at the end of the year.

Although the two upper classes showed to rather poor advantage in the fall handicap

games, there is no reason to believe that the outcome of the winter meet is to be the same. With all competitors starting from the same marks, skill and ability will win the meet, and not large handicaps, as was evident in some events at the fall games.

The thirty-five yard dash and the hurdles will be closely contested, as no one class seems to have any decided advantage at the present time. The two lower classes should make a good showing in the relay race, as the candidates for the teams are numerous and have ability. For the same reasons, the running high jump and the pole vault should be close and interesting.

It is to be hoped that good-sized delegations from the classes will be present to encourage their athletes and make the meet a success.

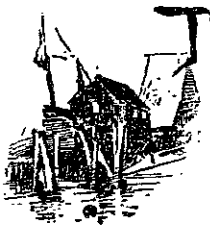


THE occurrence of the first meeting of *L'Avenir* for the year on December 6, brings attention once more to the fact that we do not, at the Institute, make enough use of our opportunities to enlarge our knowledge of two of the three great modern languages. For several years the German and the French societies have irregularly flickered among other Tech institutions, the lack of support coming most notably into view when the societies have attempted to produce anything in the dramatic line. Notwithstanding this, the productions have been almost uniformly well done, as was, for instance, the play given by *L'Avenir* last year. The broadening influences of these societies would be consider-

able if the right support were given. But the reflection that the breadth of view is not yet attained by the majority of students necessary to appreciate this, seems inevitable. Still, it will not do to say that improvement is impossible, for here at the Institute we need all the broadening influences it is possible to obtain.



WE sincerely hope that the undergraduates will follow out President Pritchett's suggestion as to supplementing last year's donation to the Tuskegee Institute, by giving a similar sum now, thus maintaining for another term a scholarship for a colored student. This should be done, if only as an appreciation of Booker Washington's noble work. Those who heard Mr. Washington when he spoke here last year, and those who heard the letter from Julius Boone, thanking the students for his scholarship, will be only too glad to help raise this fund; as Dr. Pritchett said, a contribution of but five cents from each student would be enough.



THE student body is certainly developing this fall a side of college life which has up to this time at the Institute been more or less dormant, and which, previous to the last two or three years, was almost unknown. We refer to the social gatherings of the students in the form of society lectures, addresses by prominent men, and smoke-talks. Class and society dinners have been held annually, perhaps the largest. Lectures have been delivered before some of the professional societies at irregular intervals for several years. This has for the most part

made up the social life of the Technology student as a student. For the past year or so the professional societies have given lectures more often and regularly. Several of the societies have added one or two intermediate dinners to their annual dinner schedule. Last year Mr. Booker T. Washington addressed the student body as a whole, and last week Dr. Lyman Abbott made a similar address. There is good prospect that more will follow before the winter is over. The Civil Engineering Society enjoyed a smoke-talk several weeks ago, and another one is scheduled for next week. The Junior Class is also to have a smoke-talk within a week. For the time of year, so many and such a variety of social events is unprecedented. Each new form of entertainment seems to be quickly followed by another of a similar character. This shows how thoroughly they are enjoyed. We feel certain it is time well spent to attend these affairs, and that they facilitate rather than impede conscientious study. Let us have even more of these informal gatherings during the remainder of the winter, and let every one attend the affair given by his society or class, and which he should feel obliged to attend. Besides enjoying ourselves, we shall make our relations more binding with each other, our society, our class and our Institute.

Dr. Abbott's Address.

Dr. Lyman Abbott's fifteen-minute talk in Huntington Hall a week ago was one of great value to engineering students, and was heartily applauded. It enforced once more the necessity of a broad education for the man who wishes to succeed financially or socially in this world, and showed that excessive specialization was not the only thing to be desired, but that an educated man should know everything about some one thing, and something about everything. Dr. Abbott

showed with remarkable clearness a fact we are sometimes likely to forget, that steam engines, and telephones, and telegraphs, and railroads were made to serve man, and not man to serve them. Dr. Abbott's directness of speech, his evident knowledge of men, and his pleasant humor, added great force and emphasis to his words.

Cross Country Team.

The candidates for the Cross Country Team put in a good week of work in spite of the discouraging weather, and the benefits of the training table were indicated by the satisfactory showing made by the men in the trials last Saturday. Early in the week E. F. Jenkins, '04, strained a tendon in his leg, and was obliged to give up running for this fall. Jenkins, although this is his first season in cross country work, has done good work, and it was a distinct loss to the team when he had to give up training.

H. F. Peaslee, '03, and F. B. Riley, '05, ran in the B. A. A. Cross Country Race last Saturday and made a good showing. Although heavily handicapped, they finished in eighth and fifth places respectively in a field of twenty-five starters.

The team which will meet Harvard next Saturday will be made up as follows: H. F. Peaslee, '03, Captain; C. M. Hardenbergh, '03, S. T. Worcester, '04, F. B. Riley, '05, F. J. Fraser, '05, A. M. Holcombe, '04, Substitute.

H. F. Peaslee, '03, entered Technology from the Haverhill High School. He has been active in athletics since his Freshman year. Last year he ran on the 'Varsity Track Team in the mile.

C. M. Hardenbergh, '03, prepared at the Minneapolis Central High School. Although this is his first season in athletics, he is showing up as a strong and consistent performer in distance work.

S. T. Worcester, '04, entered Tech from the Portland (Me.) High School. Last year he ran on the 'Varsity Track Team in the two mile. Worcester also holds the Technology record for the Coolidge Corner Run of four and three-quarters miles. F. B. Riley, '05, entered last fall from the Mechanic Arts High School in Boston. He made his *debut* in the fall games, where he captured the two mile with a lead about equal to his handicap over the scratch men.

F. J. Fraser, '05, prepared for Technology at Phillips Exeter Academy. Although this is his first appearance in athletics, he is showing up as a strong runner.

A. M. Holcombe, '04, entered from the Winchester High School. He has been active in the Hare and Hounds and in track work.

The trials Saturday were run over a course of about six miles, and the showing made was very satisfactory. The order at the finish was: Worcester, Fraser, Hardenbergh, Holcombe.

G. D. Marcy, '05, was beaten by only a small margin. He worked hard to make a place on the team, and next year, with the experience he has gained, we shall look for good work from him.

In the race next Saturday five men will start on each team. Medals will be given to the first three men at the finish,—gold, silver and bronze respectively. A banner will be given to the winning team. Each man will be counted in the order of his finish, and the team making the lowest score wins.

We regret that definite notice of the course of the Cross Country Race cannot be given in this issue of THE TECH. The Park Commission not having given permission to run in Franklin Park, considerable delay has been occasioned in arranging for a suitable course. Full information will be posted as early as possible.

Winter Meet.

The date of the Winter Meet, as fixed upon by the Executive Committee of the Athletic Association, is Thursday evening, December 14, at 8 o'clock, to be held in the gymnasium.

The events are to be as follows: 35 yd. dash, 35 yd. low hurdles, potato race, running high jump, standing broad jump, 16 pound shot, pole vault, fence vault and class relay race.

If past relay races may be depended upon in predicting the race at the coming meet, this race will be the most exciting and hard fought event of the evening. The length of relay has been increased this year, from 35 yards to three laps and the race is to be governed by the following rules:— Each team to consist of four men.

The race to be in the nature of a pursuit race, each man to run three laps.

The contestants are to start on opposite sides of the track, and are to finish at the lines from which they start.

There are to be two judges, one at each finishing line, and each to fire the instant the runner on his side finishes.

The race to be run in two trial heats and one final, the pairs to be settled by drawing.

The trials will be held Tuesday afternoon, December 17, and the final will be contested for on the night of the meet.

1905 Class Elections.

The ballot of the class of 1905 resulted as follows: president, Norman Lombard; first vice-president, A. J. Amberg; second vice-president, Mitchell Mackie; secretary, Robert N. Turner; treasurer, Theodore Green; board of directors, Ralph M. Whitcomb and Edgar L. Hill.

A Freshman once to Hades went,
Something he wished to learn;
They sent him back to earth again,
He was too green to burn.— *Ex.*

Excursion of the Fourth Year Naval Architects.

A very interesting excursion was made by the members of the Fourth Year Class in Naval Architecture, under the direction of Professor Peabody. The party left Boston Saturday, November 16, on the steamship *Howard*, of the Merchants and Miners Line, and visited shipyards at Newport News, Washington, Camden and Philadelphia. One of the most interesting features of the trip was the model towing-basin at the Navy Yard in Washington. The apparatus was explained by Messrs. Curtis and Hewins of '97 and '98, and interesting experiments were made, showing the wave-making effects of different types of ships. At the yard of the New York Shipbuilding Company at Camden, the party was conducted by Mr. Swan, who was formerly an instructor at the Institute. The trip was in every way a most important and beneficial one, giving the men a direct insight into the methods of work at the largest and most important shipyards on the coast.

Civil Engineering Society.

A meeting of the Civil Engineering Society was held last Monday in Room 11, Eng. B. Mr. G. T. Seabury, '02, addressed a large audience on the subject of the "1901 Summer School," which was held at Machias, Me. Mr. Seabury gave a very interesting discussion of the work of the Summer School in surveying, tide-measuring, and gauging the flow of river currents. The Summer School seems to have been not only a very successful one in regard to the character of the work done, but was also a very enjoyable one for the students.

"They say there aren't any snakes in California."

"I don't know. Fellow in 'Frisco told me he saw 'em one day."

Mechanical Engineering Society.

The last of the series of meetings, held for the purpose of organizing a Mechanical Engineering Society, met at 4.15 P.M. in Room 31, Eng. A. The reading of the Constitution was resumed, and it was adopted, with a few changes. Students in Course II., in the two upper years, are eligible as members, and the dues are to be fifty cents yearly and fifty cents initiation fee. It was provided that Sophomores shall be eligible for membership after the beginning of the second term. Mr. W. S. Fitch was elected secretary *pro tem*, and was directed to obtain as many signatures to the Constitution as possible before the next meeting, which will be held Thursday, the 12th, at 4.15 P.M., in Room 31, Eng. A. The officers for the year will be elected at this meeting, and those who wish to become members may sign the Constitution at that time.

Calendar.

Thursday, December 12. Meeting of the Mechanical Engineering Society in Room 31, Eng. A.

Friday, December 13. 1903 Class Smoker. Old Technology Club House, 71 Newbury St., 8 P.M.

Saturday, December 14. Cross Country Race. M. I. T. vs. Harvard.

Wednesday, December 18. Musical Clubs' Home Concert, Huntington Hall.

Thursday, December 19. Winter Indoor Meet. Gymnasium, 7.30 P.M.

The Class of '99 held its third annual dinner at the old Technology Club on Newbury Street on Saturday night, December 7. About twenty-five members of the class were present, the number being considerably lower than the expected attendance. Dr. Pritchett was to be at the dinner, but was too indisposed to attend. Prof. Burton, however, was present, and added much to the enjoyment of the occasion. The menus were attractively gotten up, with a small photograph of the class boy, Roger Willard Cannon, son of Willard T. Cannon, Course II. The dinner was much enjoyed by those present. It is unfortunate the attendance was not larger than it was.

1904 Class Meeting.

A meeting of the class of 1904 was held in Room 11 on Thursday last.

Mr. Vosburg, the chairman of the Committee on Class Pipes, reported that as yet nothing had been decided upon, but that the committee were in favor of a pipe with a silver '04 on the bowl. He also said that the Committee on Class Canes favored a straight handled cane.

Mr. Homer for the Committee on Class Smokers, reported that it would be advisable to postpone any action until after Christmas, giving as his reason, that Dr. Pritchett would not be able to attend a smoker if at an earlier date. He also said that it would be well to hold it at the old Technology Club House.

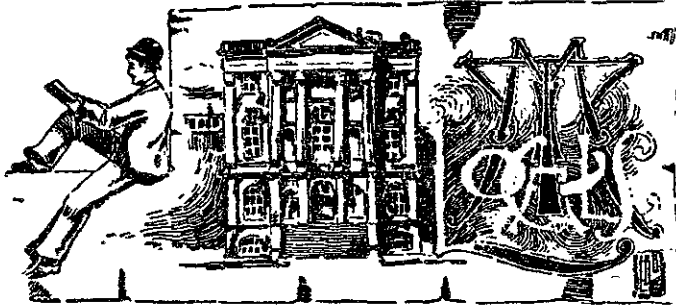
The subject of the wearing of numerals by the teams which competed for the class on Field Day was next discussed. It was voted that a committee be appointed to make three different designs of the class numerals to be worn by different teams, thus making a distinction between them. The President appointed the captains of the three different teams as a committee.

These designs are to be referred to the Institute Committee, after having been approved by the class.

M. I. T. A. A. Executive Committee Meeting.

At a meeting of the M. I. T. A. A. Executive Committee, December 4, it was decided, in case the Cross Country team was victorious over Harvard a week from Saturday to grant each man a T, provided he finishes the race.

The style of the official track team cap was discussed, and as a result, a gray cloth cap with a red Track Team T was selected. This cap will take the place of the old style M. I. T. A. A. cap.



On account of the snow there was no run of the Hare and Hounds Club last Saturday.

The remaining first term concerts of the Musical Clubs are: December 18, Home Concert in Huntington Hall; January 4, Cambridge.

The new members elected to the Architectural Society recently are Bartberger, '02; Mathesins, '02; Figgelmessy, '03; Cobb, '03; Simpson, '03; and Richards, '03.

A meeting of *L'Avenir* was held last Friday. Professor Rambeau and two of the instructors in the French department were there, but only a lamentably small number of students.

On account of a tie vote for treasurer of the Class of '04, another ballot was taken, which resulted in the election of Currier Lang. P. M. Smith was elected to fill the vacancy in the Board of Directors.

Leave *Grinds* at "Cage" addressed *Technique*. All must be in by *December 20th*. Watch your professors for Grinds. If you get a good one, don't tell it to all your friends and neighbors and then send it to *Technique*. *First-hand* jokes or nothing.

Members of the Institute are invited to the meeting of the Harvard Civil Service Reform Club, which will be held on December 12, at 3.30 P.M., in Saunders Theatre. Addresses will be made by President Eliot, Hon. Carl Schurz and others.

The Junior Sub-committee to the Institute Committee has been appointed, and consists of the following men: H. S. Baker, I., G. W.

Swett, II., A. Healy, III., L. R. Kaufmann, IV., W. H. Whitcomb, V., A. S. Gibbs, VI., F. A. Olmstead, X., C. P. Nibecker, XI., G. F. Laughlin, XII., H. Crosby, XIII.

The ex-officers and sergeants of the 1902 Battalion held an informal reunion and dinner last Monday night, with their old commandant, Captain John Boardman, Jr., as the guest of honor. Captain Boardman enlivened the occasion with descriptions of the wealth and resources of the Philippine Islands, and with bits of his experiences in the 26th U. S. V. About twenty men were present, and spent a very agreeable evening. Captain Boardman will return to the Islands in a few weeks, to engage in the timber and shipping business.

Freshman Battalion Officers.

Captain Baird announces that he will continue to make appointments and promotions until the roster is completely filled out. The following new appointments have been made:

FIRST BATTALION.

Co. B. To be Lieutenant: C. W. Hawkes; 1st Sergeant, B. F. Lovejoy; Sergeant, H. J. Guerin.

Co. C. To be Lieutenant: R. W. Morse; Sergeant, H. K. Merrow.

SECOND BATTALION.

Co. D. To be Sergeants: E. A. Mead, R. D. Emerson.

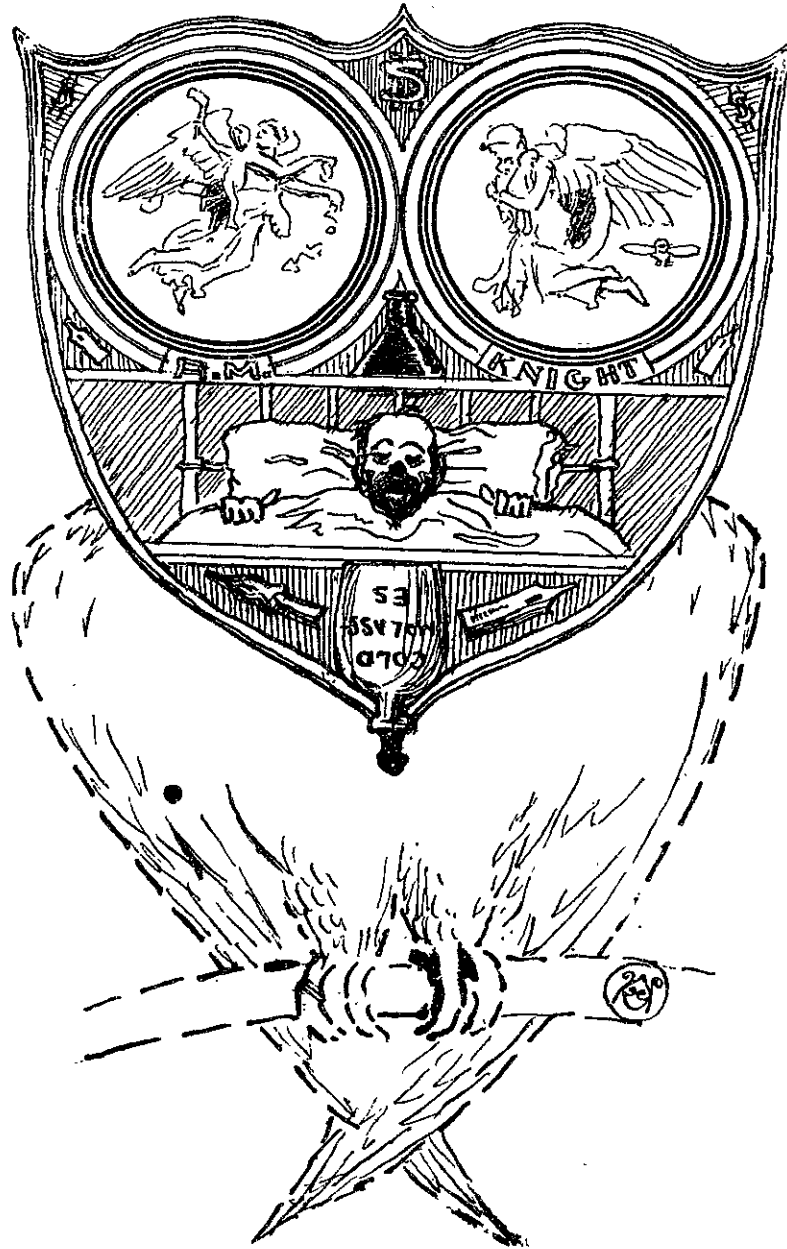
Co. E. To be Captain: H. A. Wentworth; Sergeants, W. O. Tuck, I. V. Gladdin.

Co. F. To be Lieutenants: G. W. Scott, F. M. Hill. First Sergeant, F. W. McConnell. Sergeant, J. C. Daly.

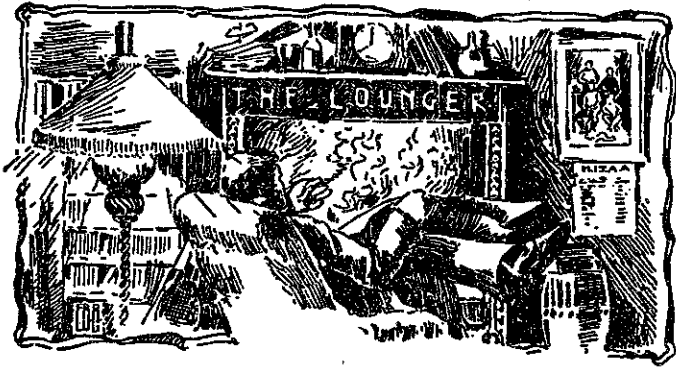
Notice to '03.

Printed lists of questions, the answers to which are to compose the class statistics in *Technique*, have been left at the "Cage" for each member of '03. Return envelopes are enclosed. A prompt return of the answers to these questions will facilitate this work and ensure a good list of class statistics in *Technique*.

TECH HERALDRY.



COAT OF ARMS OF ALBERT MID-KNIGHT.



THE LOUNGER was electrified. It was, to be sure, only a scare, but for a while it held all Technology in check. Vague, unsettled, ill-defined, but potent, certain nebulous rumors had been in the atmosphere for the whole of the past week. Whence they came, no one knew; whither they tended, men could not tell; what they foreboded, was known none the more. But on Monday morning it was out: some thoughtless, rashly-uttered word, borne from corridor to hall, from hall to office, and from office to the ear of the Secretary himself, had done the deed. At 8:52 that morning the Secretary was seen wildly gasping in his chair, mechanically murmuring for "the same, with seltzer." Professor Cross, who had just arrived, hastened to the relief of the victim, quickly learned the cause of this distressing phenomenon, and instantly computed that the word was originally spoken at the hour of just $8:51.9273 + .004$, without allowing for the time occupied in the psychological process of transforming the vibration of the Secretary's ear-drum into his initial gasp and inarticulate order for Seltzer. Having this important issue settled, the physicist then imparted the disintegrating information to a certain (or uncertain) economist, to Thompson, to the President, and to A. M. Knight, all of whom chanced to be in the office. The spread of the startling news then increased in geometrical progression. The Bursar, with the expression of one observing the miraculous, locked up his office and went home. The President gleefully said something about "free Munich on tap all day"; and the Economist murmured dark things about evil effects on the personal equation. Thompson only was self-contained; his continued awe-inspiring shake of the head showed him still to be skeptic. By 9.03 the crowd of paralyzed professors reached out to the door of Rogers. By 9.04 it was slowly extending over the wooden-blanketed steps.

To THE LOUNGER no explanation seemed good but that the annual catastrophe of the Institute — technically termed *catalogue* — had happened, and was being let loose and retailed in the Secretary's office. Suddenly there appeared one more member of the Faculty — a short, genial, precocious professor, with gold spectacles, a moustache, and several happy smiles. He saw the silent congregation standing in

the rapt silence of telepathic discourse. He stopped, listened, whispered back to an informing colleague, and the spell was broken. The crowd melted away; and in ten minutes naught was left but Thompson. He, boldly holding the center of the stage, triumphantly ejaculated, "Wrong again! Pretty co-ed. at Tech? Huh! Never *has* been one: and I *knew* there wasn't now!"

XXX
XXX

XXX

XXX
XXX

THE LOUNGER knows. He is pleased to be able to inform his readers as to the identity of the Professor whose whispered reply, mentioned above, so quickly dispelled the vain hope of the Technology exotic. To this teacher was due, in fact, the beginning as well as the end of this epoch-meeting sensation. An event of some importance to himself had in some way got twisted into the report of the reality of a pretty Tech co-ed. For the Professor, best known as a skilled analyst of automobile juice and subway explosions, had but recently become the blushing and delighted possessor of a brand new little girl.

Again THE LOUNGER is forced to make a needed dissertation on the waywardness of youth. His friends, the Freshmen, are about to indulge in that most demoralizing of social functions, *the dance*, and the intention is even announced to hold the stately (?) minuet in the hall named after Boston's famous old steeple-chaser. Now why should Freshmen seek to attain such social fame?

Is it thought for a moment that the fickle head of local society will nod in emphatic and encouraging approval? Can it be possible that the aim of these cunning Freshmen is to make other conquests than that of military drill, by wearing their brand new and natty uniforms during the evening? Must the Freshmen of to-day depend on the appearance and attractiveness of a military dress to win the much-coveted admiration of the other sex? If so, THE LOUNGER laments: The lower-class men must be losing their charms. (In truth, however, it was not *always* thus.)

As the dance is certain to be held, THE LOUNGER feels it his duty to make a few suggestions to the competitors. Remember, Freshmen, wear your caps always. Celluloid or paper collars are to be preferred to the linen article now flooding the market. Tan shoes should be worn in every case, as summer is but six months away. Remember that the street car is just as good as a cab, and costs less; also that paper flowers will please her just as much as buds from the genuine plant, with the advantage that she may afterwards wear them in her hat if she thinks enough of you. Lastly, while dancing try to keep up your courage (also your partner), and bear in mind always that the reputation of the Institute rests on your padded though uniformed shoulders.

Keep Mfg. Company

Makers of Keep's Shirts

ARE SHOWING THE LATEST
IDEAS IN BEAUTIFUL
DESIGNS OF ✦ ✦ ✦



Scotch Madras

For ✦

Custom Shirts

at much less than is usual with ordinary shirt makers, for similar quality.

We would be glad to send you our latest price list fully describing our immense stock of young men's furnishings. May we do so? "Buy from the makers and save 25%."

T. E. Moseley & Co.

COLLEGE MEN will find our lines of "RADICAL" and "EXTREME" College Styles very complete.



Prices \$3.50 to \$8.50

145 TREMONT ST., Between Temple Pl. and West St.

Hotel Nottingham



The Only Hotel Facing
Copley Square.

Three minutes walk from the
New Back Bay Stations of the
Boston & Albany and N. Y.,
N. H. & H.

Patronage of Tech Students is solicited
in our Cafe.



European Plan.



Check Baggage Back Bay Station, Boston.
E. H. Whipple.

10% Discount to Students



Hatters, Glovers, Hosiery
and Shirtmakers. ✦ ✦

THE BRUNSWICK

BOSTON, Boylston and Clarendon Sts.

(Adjoining Copley Square)

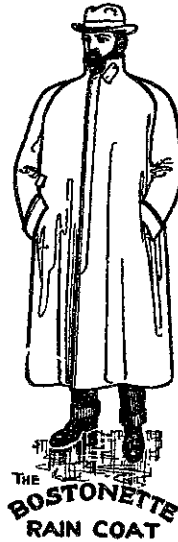


Kept on Both American and European Plans.

BARNES & DUNKLEE Proprietors.

H. H. BARNES, Manager.

The Bostonette Rain Coat



Guaranteed absolutely water-proof in all the handsome colorings. No young man's wardrobe complete without a

"Bostonette"

PRICES:

\$10. \$15. \$20.

SOLD ONLY BY

Standard Clothing Co.,

395 Washington Street.

Just below Winter St.

EGYPTIAN DEITIES

"No better Turkish
Cigarettes can
be made."

EGYPTIAN EMBLEMS

(Cork Tipped.)

The Official Tech Pin.

Gold Plated on Silver, \$1.00.

Gold, \$2.50. Silver 75 cents.

HENRY GUILD & SON,

Manufacturers of HAM-
MER AND TONGS, and
other Society Pins

28 WEST STREET, formerly at

433 Washington St., cor. Winter St., BOSTON.



A. S. ADAMS

Maker of the Official

M. T. Pin

8 Winter St., BOSTON



LANDERS'

NEW LUNCH AND COFFEE HOUSE

20 HUNTINGTON AVE.

NEAR COPLEY SQUARE, BOSTON

TRY OUR NEW MENU. TWENTY-FIVE YEARS' EXPERIENCE



Week Commencing December 16, 1901.

Hollis Street Theatre.—Miss Bertha Galland in "The Forest Lovers" has achieved a triumph as a star in Boston. The play is full of charming love scenes, stirring adventures and thrilling romances. Matinées on Saturdays. Engagement for two weeks.

Colonial Theatre.—Miss Julia Marlowe is continuing her success in "When Knighthood Was in Flower." Her impersonation of Princess Mary Tudor is strong,

buoyant, joyous and appealing, because she plays the part as though she loved it. The engagement closes Saturday, the 21st.

Tremont Theatre.—Augustus Thomas' "Arizona" is meeting with great success. This bright, wholesome, human American play is beyond doubt the greatest work of the author. Its popularity can only be measured by the large audiences which have greeted it night after night.

Boston Museum.—"Sky Farm," that delightful rural play of Edward E. Kidder, enters upon its eleventh week of phenomenal success. The already long stay in Boston speaks volumes for this most fascinating and delightful play.

Columbia Theatre.—"Boccaccio" still continues to please. The parts are well taken, and the music is beyond comparison. Engagement limited.

Castle Square Theatre.—George H. Broadhurst's farce comedy, "Why Smith Left Home" is proving to be a favorite with the theatregoers. Next week "Jim, the Penman," is to be given.

HERRICK TICKETS Copley
ALL THEATRES Square.
Telephone 608 and 950 Back Bay.

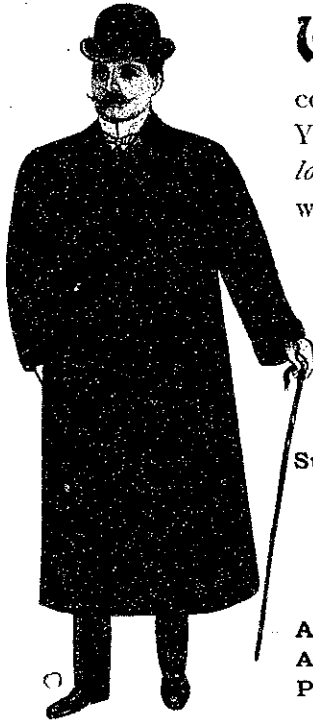
Private Lessons a Specialty.
MISS POST,
Dancing and Deportment,
Pierce Hall, Copley Square.
PRIVATE LESSONS AND CLASSES.
Office hours from 9 to 11 a.m.

"THE GIRLS ARE FOND OF THESE"

TECH EMBLEMS.
Greatest Variety.
Lowest Prices.
BENT & BUSH,
387 WASHINGTON ST., BOSTON.

COES & STODDER
MAKERS AND RETAILERS OF
STUDENTS' SHOES
78 BOYLSTON ST. 14 SCHOOL ST.
10 PER CENT DISCOUNT TO TECH STUDENTS.

SPITZ BROS. & MORK



WE are showing the handsomest line of Long Oyer-coats, either with or without Yokes, in Boston, at the very lowest prices for perfect fitting well-made garments.

ALL THE NEW
CLOTHS FROM

\$10 to \$25

Suits of the Newest Shapes.
Collegian, Military and
Yoke Norfolks,

\$10 to \$25

A FULL LINE OF HATS
AND FURNISHINGS AT
POPULAR PRICES. ❁ ❁

SPITZ BROS. & MORK
65-69 Summer Street BOSTON

"Salon" Honors awarded by
The Photographers Association
of New England, at their
Conventions, 1900 & 1901

Photographer to M. I. T.

Classes of 1901 and 1902

--- IS ---

Charles W. Hearn,

394 BOYLSTON ST., near Hotel Berkeley, Boston.

By nature of the contract with Senior Class, *all students* as well as *friends* and *relatives* receive especially favorable rates. Students will kindly obtain tickets at studio for pictures desired by their friends.

All sittings made prior to Dec. 10, 1901, part if not all of their orders can be obtained in season for use as Christmas Gifts.

Ask to see our "Artist's Proofs." Very Nobby and New Photograph. Satisfaction Guaranteed.

Elevator to Studio

THE HANDY SHOP

HOTEL WESTMINSTER ❁ COPLEY SQUARE

MRS. E. S. GARDNER,

Agent for Noyes Bros'. Laundry. Gentlemen's mending a specialty
Gentlemen's Manicuring and Chiropody.
Reduced rates to Students.

MISS A. F. CANFIELD.

MME. FIELD.

HEWINS & HOLLIS,

4 HAMILTON PLACE, - BOSTON.

*MEN'S
FURNISHING
GOODS*

MR. HARRY ELLSWORTH MUNROE

Master of Modern Dancing

TERPSICHOorean HALL ❁ ❁ HUNTINGTON CHAMBERS.
30 HUNTINGTON AVENUE, ❁ Near Boston Public Library.

ADULT Class for BEGINNERS, Monday Evening,
October 28, at 8 P. M.

CHILDREN'S Class for Beginners, Saturday Nov-
ember 2, at 10 A. M.

PRIVATE Instruction in the DIP WALTZ—WALTZ
TWO-STEP, Etc., a Specialty.

HARVARD STUDENTS given Private Instruction in
ROBERT'S HALL, Cambridge, Thursdays 1 to 5.

WINTHROP HALL, Upham's Corner, Dorchester,
Beginners' Class, Friday Evenings.

ASSEMBLIES, Wednesday Evenings, Miss Adams'
Orchestra.

CHILDREN'S CLASSES, Saturday Afternoons, at 2
o'clock.

TUITION TO CLASSES, \$6.00 FOR 12 LESSONS.

Mr. Munroe's best references are the thousands of pupils who have graduated from his schools.

OFFICE HOURS: 10 to 12 A. M., 1 to 5, 7.30 to 10 P. M.

Royal Dairy Lunch

11 and 12 PARK SQUARE

BOSTON * * * MASS.

Open Day and Night



A. C. STONE,
C. H. MANSFIELD, } Proprietors

Browning, King & Co.,

700 Washington Street, BOSTON.



CUSTOM DEPARTMENT

Is now prepared to show the
latest novelties for all garments.

Overcoats to order, - - - \$20 to \$55
Suits to order, - - - - - \$20 to \$40
Trousers to order, - - - - - \$6 to \$12

Fit and Wear Guaranteed.



MATTHEW KING, * * * Manager.

The Berkeley Hotel

Berkeley and Boylston Streets



EUROPEAN AND * * *
* * * AMERICAN PLANS

Modern in Every Detail



Restaurant à la Carte
Dining room table d'hôte

Gentlemen's CAFE and Billiard
Room. Entrance on Berkeley St.



JOHN A. SHERLOCK

C. F. HOVEY & CO.,

Importers and Retailers of

Dry Goods,



FINE CUSTOM MADE
SHIRTS A SPECIALTY.



PARIS,
12 Rue Ambroise
Thomas.

BOSTON,
33 Summer St.
AND
42 Abon St.

Opera Glasses Reading Glasses Kodaks

A FINE LINE OF GOODS
FOR THE HOLIDAYS AT
OUR USUAL MODERATE
PRICES

Pinkham & Smith

Opticians,
288 Boylston Street,
Boston, Mass.

SCIENTIFIC BOOKS

DANRELL & UPHAM,
The Old Corner Bookstore
283 Washington St., Boston.

ALL GOODS REQUIRED BY
STUDENTS AT

Maclachlan's,

214 Clarendon Street.

Drawing Instruments and Materials, etc.
Fountain Pens, Text Books.

"Xmas" Presents

SUITABLE FOR YOUNG MEN

Smoking Jackets, Gloves, Umbrellas,
Ties, Furnishing Goods of all kinds.

Special Line of Dress Suit Cases

\$2.50 \$4.00 \$5.00 \$6.00 \$7.00

We take orders in our Military Dept.
for College and Society Emblems, made
with either screw back, button or pin
fastening, hard enameled, in correct
colors for the society which the emblem
represents.

OAK HALL

Washington and Elm Streets.

A. Shuman & Co., CLOTHIERS.

Youths' and Men's Outfitters,
WASHINGTON and SUMMER STREETS.

We deal exclusively in well-
made and excellent fitting
Clothing for Youths and Men,
in pure wool fabrics; Hats,
Furnishing Goods and Shoes,
Umbrellas, Traveling Bags,
Mackintoshes and Canes. ❄❄

THE LARGEST EXCLUSIVE MANUFACTURING
RETAIL GARMENT HOUSE IN NEW ENGLAND.

Shuman Corner, Boston.

THE MIDVALE STEEL CO.,

Locomotive and Car Wheel Tires,
Forgings and Castings,
Bar Steel.



**Nickel Steel
Forgings
for
Marine Engines.**

**Ordnance
Forgings
and
Castings.**



OFFICE AND WORKS:
PHILADELPHIA, PA.



Hall & Hancock

Novelties in - - - -

SOFT HATS

* * * AND * *

STIFF HATS

CANES, * UMBRELLAS
HAT CASES AND GLOVES

407 Washington Street

DISCOUNT TO TECH STUDENTS

PAMONA GLOVE

\$1.50

VERY DESIRABLE

RAY, OUTFITTER

509 Washington St., cor.
West St.

BOSTON



THE LARGEST ASSORTMENT OF FOREIGN WOOLLENS SHOWN IN BOSTON.

CO-OPERATIVE.