

THE TECH

VOL. XXX. NO. 143

BOSTON, MASS., MONDAY, MAY 1, 1911

PRICE TWO CENTS

TECH SHOW SHOWS OFF

Dinner in Union at which were gathered interesting speakers

VOSE RECEIVES FOB

On with the Dance—High Jinks follow Dinner

As a fitting close of the Technology theatrical season, the Tech Show held a dinner in the Union, Saturday night. All the members of the cast and chorus "Frenzied French" were present as well the writers of lyrics and music.

General Manager, I. W. Wilson acted as toast master. He opened the after-dinner part of the affair with a few remarks of his personal appreciation of the work of every one connected with the show. He felt, he said that he must pass along to the members of the cast and chorus the many congratulations that he had received on the success of the Show. The main object of the Show, to his mind, was realized—it not only earned money for the maintenance of worthy student activities, but it also brought the men together. This served to introduce the first speaker of the evening, Dean Burton.

Dean Burton said that this year's Tech Show had created a good impression. He congratulated the men on their efforts and hoped "swelled head would not result," although it was in this case pardonable. He made the point that the Show was the main support of athletics, a fact which should not be forgotten.

Then General Manager Wilson, with a few appropriate remarks presented E. C. Vose, co-author of two successive Tech shows with a handsome silk and gold fob. Author Vose was quite overcome at this token of esteem, earnestly thanked the Show management for the gift. The Show, he said, had won a firm place in his heart. It should, however, enlarge its field of performances, and enlarge the size and scope of the play. He was in hopes of seeing the Show play in New York and Poughkeepsie. He said that he favored the system of writing plays for starring purposes and that both he and Seligman were at work on another Tech Show for next year, bearing that idea in mind.

Mr. I. W. Litchfield of the Advisory Council of the Alumni expressed his great pleasure in the Show. His confrere on the Council, Mr. Emerson, who was unfortunately absent, also was pleased. Mr. Litchfield liked the Show very much but deprecated two features this year. One feature he did not fancy was the number of bowlegged girls in the chorus and the other was Fernstrom's failure to properly pin 'em up.

Mr. Litchfield said he realized the great handicaps this year, and that made the success even greater. "Frenzied French" marks a new era in Tech Show.

Co-author Seligman stated that to the men is due the lion's share of the credit for the success. A book is merely a vehicle. He agreed with Vose in saying that more performances of the Show were desirable.

Mr. Macomber, an old Show man, next delighted the gathering with a recital of his experiences with past shows. He had to travel two hundred and fifty miles to see "Frenzied French," and was not sorry for it. He championed the Show as an excellent chance for social purposes.

Stage manager, Schell thanked the men for their efforts and said that everyone of them was "white." Mr. Schell's work was heartily commended by the toast master.

General manager Wilson then briefly

Continued on Page 2

TRACK TEAM SCORES VICTORY OVER BROWN

Salisbury, Metcalf and Chamberlin Break Institute Records. Wilson and Cummings also Star

SCORE: 94-32

Technology takes first in twelve of the Fourteen Events

Saturday afternoon at Providence, the Varsity track team got away with a big victory over Brown University by a score of 94 to 32. Three Institute records went by the board during the games and the final result showed a clean-up for Technology, as they allowed Brown to get only two firsts. The score was larger than even the most generous dopester was willing to give us the day before and the results of this meet will make Dartmouth sit up and take notice.

The records that got a boost were all in the field events where an improvement can not but help a great deal in the rest of our meets and also when fighting for the championship at Springfield. Bill Salisbury broke the pole vault record held by Allen, setting the mark at 11 feet. 5 5-8 in., while Metcalf moved the hammer throw mark from 126 feet 7 in. to 130 feet, and the discus was thrown by Chamberlin to a distance of 117 ft. 1 3-4 in. for another new record. This bunch of points together with the ten that the Freshman, Wilson contributed by winning both dashes were enough in themselves to give us a winning lead.

Out of the fourteen events, the team brought home firsts in twelve with eight seconds, and ten thirds. The marks made in the different events were all good and of the two won by Brown, one was a new college record made by Bartlett in the shot put. He came within four inches of the Intercollegiate record of 43 ft. 10 1-2 in.

There were quite a number of fellows who went with the team to cheer them on and help celebrate the victory. But there should have been a great many more Tech men in the cheering section than there were. The weather man was good to the track men and they had one of the best days of the season. The men all showed up in their best condition and did about as predicted. The team will be cut down slightly on the results of this meet for the Dartmouth trip on next Friday when they are looking for another win.

The results at the tape: 100 yd. dash, First heat—Won by Wilson Tech; 2nd, Holding, Brown. Time—10 2-5 sec.

Second heat—Won by Marble, Brown; 2nd., Miles, Brown. Time—10 3-5 sec.

Final heat—Won by Wilson, Tech, 2nd., Holding, Brown; 3rd., Marble, Brown. Time—10 3-5 sec.

One mile run—Won by Taber, Brown; 2nd., Germain, Tech; 3rd., Watkins, Tech. Time—4 min. 34 1-5 sec.

120 yd. High hurdles—Won by Cummings Tech; 2nd., Marble, Brown; 3rd., Fox, Tech. Time—16 4-5 sec.

440 yd. dash—Won by Guething, Tech; 2nd., Thompson, Tech; 3rd., Salisbury, Tech. Time—52 3-5 sec.

880 yd. dash—Won by White, Tech; 2nd., Benson, Tech; 3rd., Bylund, Tech. Time—2 min. 3 4-5 sec.

220 yd. dash, First heat—Won by Wilson Tech; 2nd., Miles, Brown. Time—24 1-5 sec.

Second heat—Won by Guething, Tech; 2nd., Salisbury, Tech. Time—24 1-5 sec.

Final—Won by Wilson, Tech; 2nd., Salisbury, Tech; 3rd., Guething, Tech; Time—23 2-5 sec.

220 yd. Hurdles, first heat—Won by Mar-

Continued on Page 4.

WESTERN SYSTEM OF MINE LEASING

Mining Engineering Society Hear Mr. Livermore '03, a Practical Engineer

RECENTLY OF TELLURIDE, COL

Has had Several Mines under his Charge and been Successful

On Wednesday night at 8 o'clock, in the Union, Mr. Goossman called the meeting of the Mining Society to order and introduced Mr. Livermore of Telluride, Colorado. Mr. Livermore received his degree in mining engineering both at Harvard and at the Institute, and since his graduation from this school has been interested mainly in the mine leasing system.

After a few introductory remarks on the line of work which he had experienced Mr. Livermore related what a graduate should expect after getting through Technology. He stated that the average salary is small and one must not expect to be a John Hays Hammond (or Hetty Green perhaps) in the first year.

During the first year at work, the graduate should attempt to find out his bearings. Mr. Livermore enumerated three methods for doing this. The graduate can stay with a mine and be gradually advanced, his salary undoubtedly will be small, his work coarse perhaps; but if he is successful he may become the manager in due time. If he is unsuccessful he should not be like the men who went to Hades from California and then sent home for a blanket.

Secondly, the graduate may begin as a mining engineer, opening up an office as a consulting engineer.

Lastly he may attempt to operate for himself in the leasing business. Here, he may gain very valuable experience with little or no capital. In this business the first thing one must do is to procure a lease in a good mine. There are many leasing camps in the West, among which Cripple Creek is the largest. Only a small capital is necessary and perhaps the adventurer may be fortunate.

The leasing business is conducted in the following manner. A mine is divided into small lots and each lot is under the control of a lessee, who is in charge of from twenty to thirty men. By this method, economical mining may be carried on and many poor mines have been made to pay.

The lessee pays a royalty to the mine owners whether the ore is mined or not. Close watching of the men is obviously necessary and in this way, a lease can be much simplified. The method of procuring the lease is to send out a man, called a grubstaker to visit certain camps and make sketches and reports. If his report is favorable the lessee himself goes and investigates the mine. This is the general method of procuring a lease.

Mr. Livermore detailed several of his own experiences in leasing mines. He knew of a big run at Cripple Creek and he obtained a lease of this property through the intercession of friends. He had charge of a crew of fifteen men. At first, the percentage of profits was small and later they became even smaller and the run was given up. The Stratton Independent Mine in Colorado was reported a dismal failure. Mr. Livermore heard of this and with a partner procured a lease on this property. By the leasing system, the mine was made to yield good profits and it is working to this day. As a lessee, Mr. Livermore was obliged to sort ore, sharpen tools, blast, dismiss men now and then, and to do other odd jobs, thereby obtaining good practical experience. With his partner, he made an annual examination trip into the mining districts and gather-

Continued on Page 4

VARSITY CREW LOSES TO NAVY AT ANNAPOLIS

Rough Water and Cross Winds make Time Slow but both Crews Show Good Form

TWO LENGTHS BETWEEN BOATS

Institute Crew praised by Spectators For Excellent Work in bad Water.

While the Track Team has running away with an easy victory in Providence, the Crew were having troubles all their own on the Severn at Annapolis. The Navy defeated them by a little over two boats lengths in a race that was neck and neck for 3 1-4 of the two mile course. The crews both showed fine form for a first race and held together very closely in spite of the cross wind and very rough water, which caused both shells to ship a great deal of water during the race. This, of course slowed them down considerably but could not prevent a close hard fought race.

Technology was outweighed more than eight pounds to the man and has not had nearly the experience that the Navy men have, but put up a game fight and kept on even terms with the A men have. The men pulled a race that was said to be better than any of their others and they all finished in good condition. Their efforts were rewarded with much applause and they were given much credit for the good appearance they presented considering that this was their first big race.

The Navy crew is one of the best turned out by the present coach, Dick Glendon since he has been coaching at the Academy. There are five old men against three in the Institute boat, while the other Navy men have rowed in their class shells. They were caught for a time of 11 min. 17 4-5 sec. for the two mile course and the Institute crew got a mark eighth seconds behind.

Captain Gere deserves much credit for the way in which his crew went through the race and this, their first intercollegiate race should be of great help to them in the future, not only in getting men out for the boat, but also in getting money from the Alumni and in getting other races with college crews in the North. The first appearance was surely good and they can keep it up.

CALENDAR

Send all notices for calendar to E. W. Taft 1913 Institute Committee at the Cage.

Monday, May 1.

- 1.00 Managing Board Meeting—Upper Office.
- 4.15 1913 and 1914 Cross Country Practice—Field.
- 5.00 Technique Electoral Committee Meeting—27 R. M. E. Excursion to South Framingham.

Tuesday, May 2.

- 1.30 News Board Meeting—Upper Office.
- 4.15 Union Committee Meeting—Dean's Office.
- 4.15 1913 Baseball Practice—Field.
- 4.15 1913 and 1914 Cross Country Practice—Field.
- 5.00 Technique Electoral Committee Meeting—27 R.

Wednesday, May 3.

- 4.15 1913 and 1914 Cross Country Practice—Field.
- 4.15 Technique Electoral Committee Meeting—27 R.
- 4.15 1913 Baseball Practice—Field.
- 7.45 MUSICAL NIGHT—HUNTINGTON HALL

THE TECH

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

Entered as second-class matter, Sept. 29, 1910, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

Managing Board

- S. E. Bates, 1911..... General Manager.
 G. M. Keith, 1912..... Editor-in-Chief.
 E. W. Tarr, 1912..... Managing Editor.
 H. W. Hall, 1912..... Business Manager
 A. L. Myers, 1911 Advertising Manager.
 A. T. Gibson, 1913..... Circulation Mgr.

News Board

- L. W. Chandler, 1912.... Athletics.
 A. H. Waitt, 1914..... Societies.
 A. J. Pastene, 1913..... Societies.
 M. Paris, 1914..... Institute.
 C. A. Cary, 1912..... General.

Business Board

- D. E. Van Volkenburgh, 1914. Advertising.

News Staff

- D. A. Tomlinson 1912. E. W. Mann, 1914
 M. Lewis, 1913.... E. Steere, 1914.
 L. S. Hall, 1914.... R. F. Barratt, 1914.

Business Staff

- G. P. Capen, 1913... P. G. Whitman 1913.
 K. S. Johnson, 1914. L. H. Lehmaier, 1913.
 A. W. Mudge, 1914... S. M. Ginsburg 1914

Art Staff.

- W. S. Cross, 1912..... Cuts
 R. H. North, 1913..... Cartoons
 E. C. Taylor, 1914..... Photographer

Office, 42 Trinity Place.

Telephone, Back Bay 2184.

All communications should be addressed to the proper departments.

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

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.

Printed by Maugus Printing Co., Wellesley, Mass.

IS At the next meeting of the
 IT Institute Committee, an impor-
 MIGHT tant suggestion from the Ex-
 ? ecutive Committee will be acted
 upon. In past years, the Class Day
 Committee has included members who
 have no intention of graduating with
 their class. The question to be voted
 on at the coming meeting of the Institute
 Committee will not decide whether this
 custom is to be continued in the future,
 but will take the form of a recommenda-
 tion to be voted upon by the classes
 themselves.

It seems to the editor most inappropriate for a man to be on the committee in charge of a Class Day not his own. A man may not be in spirit a member of the class with which he graduates, but he is by roll-call and so does not appear eligible to positions on committees of other classes. Moreover, the Class Day being one of the events of Commencement Week, should not be left in the hands of men not candidates for the degree any more than the Junior Prom should be left in the hands of drop-back juniors or sophomores. Let us hope that the Institute Committee will think over the question seriously, that its members will consider it impartially and without regard to personal results, and that in this way the right custom will now be inaugurated as a precedent to future classes..

TECH SHOW CELEBRATES

Continued from Page 1.

traced the history of the Show and introduced in that way, Mr. Rowe, another old Show man.

Mr. Rowe brought out the point that Tech Show is not a club affair, but is a Tech affair. The history of the Show was most commendable, he said.

Publicity manager, Wochling, expressed his gratification in the record of this year's Show.

Business manager, Lenaerts stated that "Frenzied French" cleared about \$850.

Mr. Blackstein kept the guests in a gale of laughter with his inimitably humorous remarks. Dolly Carter, he said, had almost torn his family ties asunder.

Then followed a real old, hot old time in which all the "ladies and gents" took part.

M. I. T. CHESS CLUB TO MEET HARVARD

Next Saturday evening at seven o'clock the M. I. T. Chess Club will meet the Harvard Chess Club at Cambridge in a five board chess match. The Institute team will be selected by Milton Kahn 1912 the president of the club. As he has a large number of very skillful and experienced players to choose from the prospects for a Tech Victory are very bright. When the final choice is made, the names of those who are to play in the tournament will be published in *The Tech*.

SOPHOMORES LOSE BASEBALL GAME

Saturday afternoon, the Sophomore baseball team suffered a bad defeat at the hands of the Cushing Academy team at Ashburnham. The final score was 7 to 0.

TECH UNDERGRADUATE IS PLAYORITE

Somerville, Saturday evening was the scene of a very interesting little play given by the Tau Delta Upsilon fraternity of the local High School, written by Mr. Tenney Davis, an undergraduate at the Institute. Mr. Davis is the sole writer of the play, music and lyrics.

The glove store that carries a good line of

FOWNES GLOVES

is to be depended on.

THE HARCOURT CAFE

38 St. Botolph St.

RE-OPENED

5.30 P. M.

A. C. HAYES, Manager.

If there is a student in Tech who is not familiar with

Engineering News

let him write for a Free Sample

Copy and see our agent

Mr. O. W. STEWART,

about special subscription rates
ENGINEERING NEWS

220 Broadway, New York

INDUR MEN'S FURNISHING DEPARTMENT

Fownes' English Golf Gloves	at \$2.50 per pair
Golf Hose in gray and heather mixture	\$1.75 and \$2.75 per pair
Tennis Hose in plain white, also white with clocks	\$1.00 per pair
Men's Harness Leather Belts	50c, \$1.00 and \$1.50
Vicuna Polo Coats	\$25.00
Sweaters in wool, llama and angora	from \$5.00 to \$25.00
Tennis Racquets	\$2.00 to \$11.50
Tennis Racquet Covers	\$.50 to \$1.00
Tennis Racquet Presses	\$1.00
Tennis Nets	\$1.75, \$2.25, \$4.50 and \$5.50
Tennis Backstop Nets	\$3.00
Tennis Balls	\$.35 and \$.50
Tennis Ropes and Pegs	\$.25 and \$.50
Tennis Marking Ropes	\$3.50

A. G. SPAULDING & CO., Baseball Supplies

MEN'S TRUNKS—Steamer Trunks made of the best quality Basswood, canvas covered, Hardwood Slats, exceptionally strong hardware and thoroughly riveted. \$13.50 to \$21.00

Three Quarter Trunk of same good make \$15.50 and \$17.25

MEN'S TRAVELING BAGS: made in all the wanted shapes and leathers. An exceptionally good one of Cowhide, fine quality, russet color, sewed frame and corners, leather lined, inside lock, double handle and fancy finger piece; sizes 16-17 and 18 inch. \$8.50, \$9.00, \$9.50

C. F. Hovey & Co.

BOSTON, MASS.

REMINDER

MATERIALS for Spring and Summer wear, both Foreign and Domestic, are now ready for your inspection. Your Patronage is Solicited

Early Orders Desired.

A. G. MORSE, TAILOR
 Formerly of Morse & Henderson

Telephone, Oxford 109

18 Boylston Street, Boston

STONE & WEBSTER

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

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

PATENTS

Prize Offers from Leading Manufacturers

Book on patents. "Hints to inventors." "Inventions needed." "Why some inventors fail." Send rough sketch or model for search of Patent Office records. Our Mr. Greeley was formerly, Acting Commissioner of Patents, and as such had full charge of the U. S. Patent Office.

GREELEY & McINTIRE
 INCORPORATED
 WASHINGTON, D. C.

Richards Studio of Dancing, 30
Huntington Avenue, Suite 426-427,
Tel. B. B. 4475-M (Tech Ref.)
Ball-Room & Classical by appoint-
ment only. Special Rates to
Students.

HERRICK TICKETS ALL THEATRES
COPLEY SQUARE

Telephones 2329, 2330 and 2331 Back Bay

OLD ESTABLISHED
DINING ROOM
 MRS. H. O. HANSON, Proprietor.
 Successor to A. G. Cotton.
 33 ST. BOTOLPH STREET
 Best Board in Back Bay, Reasonable
 Rates. We make a specialty of
 Serving Tech Students.

FOR SMART CLOTHES
 at popular prices
 C.A. PATTEN & CO. Merchant Tailors
 43 Tremont Street, Carney Bldg.

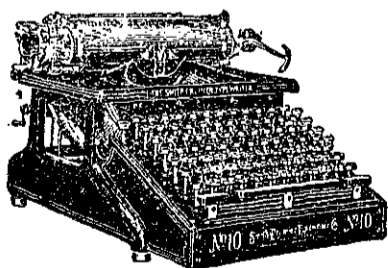
Special Students'
List

Undershirts - - -	.05
Drawers - - -	.05
Union Suits - - -	.08
Handkerchiefs - - -	.02
Half Hose - - -	.04
Night Shirts - - -	.08
Pajamas - - -	.10



48 HUNTINGTON AVENUE
 Tel. 2518-1 B. B.

Notman Photo Co.
 OFFICIAL TECH
 PHOTOGRAPHER
 3 and 4 PARK STREET



SENIORS
 Are you thinking of Renting a type-
 writer for thesis work
SMITH PREMIER TYPEWRITER CO
 15 Milk St.

"The Girls Are Fond of These"



Tech Emblems

Greatest Variety
 Lowest Prices

BENT & BUSH

15 School Street BOSTON

JAPANESE NIGHT
GREAT SUCCESS

Interesting Talks on Japanese
 History and Religion.
 Illustrated Lecture

DEMONSTRATION OF JIU JITSU
 Genuine Japanese Refreshments follow
 the feats of skill

One of the most interesting and novel
 entertainments yet given by the Cosmo-
 politan Club was enjoyed by a large au-
 dience Saturday evening, given by the
 Japanese students.

Mr. E. Suzuki presided and commenced
 the entertainment by an instructive
 sketch of the history and civilization of
 the Japanese people. Tradition, and
 all available facts, indicate that the fore-
 fathers of Japan came from Manchuria.
 2271 years ago the founder of the present
 dynasty came ruler of all Japan. After
 speaking of Chinese influence, the speak-
 er said a few words about the social
 system. In Japan the individual lives
 for the state, rather than the state for
 the individual.

Mr. M. K. Goto read an interesting
 paper on the Japanese religious, philoso-
 phic, and ethical ideals. Mr. Tsubouchi
 then rendered a selection of Japanese
 classical music on a native stringed in-
 strument. The air was sweet and the
 guests received a rare treat of Oriental
 music.

Mr. Suzuki followed with an illus-
 trated lecture on Japanese country life.
 He included pictures of Fuyama.

After another musical selection, the
 company adjourned to the Living Room.
 Before Professor Ito and Mr. Miyoshi
 were to give a demonstration of Japanese
 sword play, Mr. Suzuki explained that
 the blow, rather than thrust was the prin-
 cipal of the system. The swordsmen
 appeared in native costumes armed with
 two-handed swords. They squatted on
 their heels, crossed blades, then leaped
 to a standing position, and with wild
 war cries went hotly at each other. As
 long as the contest lasted, there was
 ceaseless din of rattling armour, war
 cries and clashing of blades. After
 the conclusion of the sword bout, Prof.
 Ito and Mr. Miyoshi illustrated the prin-
 cipal falls in Jiu Jitsu, after which,
 there were several other contests by
 Professor Ito and Messrs Goto, Miyoshi
 and Yoshida. The force and violence,
 and the good nature with which the lithe
 sons of Nippon threw each other about
 was truly amazing.

Between the different contests, Mr.
 Suzuki spoke upon the value of Jiu Jitsu
 as a system of physical culture, and said
 that the art was taught in all the schools
 in Japan and in the colleges and Univer-
 sities there were special gymnasiums for
 the practise of Jiu Jitsu alone. In winter,
 the men rise at four o'clock and exercise.

After the final contests Mr. Suzuki
 invited any one who was skeptical as
 to the real value of the Jiu Jitsu to try
 his prowess on the mat against one of
 the Jiu Jitsu wrestlers, but no one volun-
 teered, so tea and dainty Japanese wafers
 and candy were served. One bold spirit
 however, would not suffer the Japanese
 challenge to stand unanswered. While
 the guests were sipping tea, J. W. Hines
 '14 stepped forth clad in the dress of a
 Jiu Jitsu wrestler and locked holds with
 Professor Ito.

Owing to his lack of skill and practice
 in the art Hines was given several bad
 falls; but watching his chance, he sud-
 denly brought his veteran antagonist
 to the mat with a fall that shook the floor
 had he understood how to choke the man
 beneath him he would have scored a
 point.

The annual business meeting and elec-
 tion of officers of the Cosmopolitan Club
 will be held Thursday, May 4 at 7.30
 p.m. in the Union.

COMMUNICATION

To the Chairman of the Election Commit-
 tee of the Civil Engineering Society.
 Dear sir:

May I ask you to kindly cancel my
 name from the ballot of the C. E. So-
 ciety. While I appreciate the honor
 of nomination, I feel that there are others
 better qualified for that position than
 myself, through their natural capabili-
 ties and through their unreserved efforts
 in behalf of the society this past year.
 I only regret that I was not notified
 of my nomination in time to prevent
 the appearance of my name on the ballot.

Thanking you for your kindness, I am,
 Sincerely,
 Gerald M. Keith '12.

FATIMA

TURKISH
 BLEND
CIGARETTES

LANGUAGE

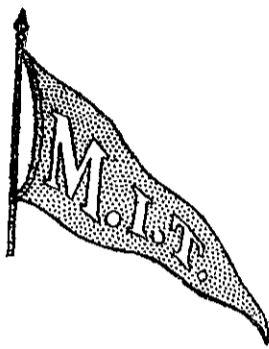
Some cigarettes may be
 Greek to you but in plain
 English—Fatimas are Good.

No language can quite
 describe them—can quite
 describe that "distinctly dif-
 ferent" taste.

But college men have a
 language of their own and
 their appreciation is ex-
 pressed in the number of
 Fatimas they smoke.

20 for 15 cents. Packed
 inexpensively, and you get
 10 additional.

THE AMERICAN TOBACCO CO.



With each package of
 Fatima you get a pen-
 nant coupon, 25 of
 which secure a hand-
 some felt college pen-
 nant (12x32)—selection
 of 100.

TECH BOWLING HEADQUARTERS

Trinity Court

Bowling Alleys

Established 1898

Opposite the Union

Two minutes walk from all Tech Buildings. Unexcelled facilities
 for ladies and the most fastidious bowler to enjoy this fascinating
 and healthy pastime. Alleys reserved and screened for private
 parties. Come in and enjoy a little fun and exercise between
 periods.

SHAWMUT RUBBERS
 NOT MADE BY A TRUST

Double the wear where the wear comes

COBB, BATES & YERXA CO.

Have exceptional facilities for supply-
 ing hotels, restaurants, fraternity and
 college houses and large consumers
 of every sort.

222 SUMMER STREET, WHOLESALE ONLY

55 SUMMER STREET
 87 CAUSEWAY STREET
 274 FRIEND STREET
 6 AND 8 FANEUIL HALL SQ.

Wholesale
 and
 Retail

MAJESTIC Evenings at
Mats. Wed.
and Sat.

The Prince of Pilsen

Henry W. Savage's
Brilliant Revival

NOTABLE CAST

SHUBERT

ANN BOYD


WITH LUCILLE LA VERNE

Castle Sq. Daily 2 and 8
Tel. Tremont 5

LAST WEEK

End of the Bridge

STATIONERY

 Fraternity Stationery
Engraved Invitations
Reception and Visiting Cards
BANQUET MENUS
Coats of Arms, Crests and Monograms.
Students' Supplies.

Ward's SAMUEL WARD CO.,
51-63 Franklin St.,
Boston.

Southwell's Laundry

SUPERIOR QUALITY OF WORK

Goods called for and
delivered promptly

66 Huntington Ave., cor. Irvington St.
BOSTON

Take your

Lunch at

The Union


INC.
FLOWERS
Tremont St., Boylston cor. Fairfield St.
BOSTON

J. C. LITTLEFIELD



Smart and effective fabrics
the latest texture and the
most fashionable shades. Prices
that are right.

DRESS CLOTHES A SPECIALTY
Beacon Street, Boston

COLLINS & FAIRBANKS CO.

Have just received an importation of

**HENRY HEATH'S
ENGLISH CAPS AND CLOTH HATS**

This season our assortment is larger than ever and includes many exclusive
styles and patterns

Tech. Bands Carried in Stock

Collins & Fairbanks Co.

383 Washington St.

Boston, Mass.

NOTICES AND CLASSIFIED ADS.

FACULTY NOTICES FREE
ACTIVITIES, 4c PER LINE
INDIVIDUALS, 8c PER LINE
SIX WORDS TO A LINE

Continued from Page 1.

ed data on mines which had failed.
The last lease Mr. Livermore had
was at the Telluride Mining camp, where
the ore was of a low grade. He went
very deeply into the details of his method
of mining at this place. Many men were
employed and a larger tonnage of ore
was taken out than for years. In this
way, he and his partner earned a sufficient
profit.

In conclusion, he stated that to-day,
the leasing system gives an opportunity
to one to obtain a world of experience
with a little capital, and gives him a
chance to become the manager.

Refreshments were served and the mem-
bers adjourned to the next meeting which
will probably be the last of the year.

NOTICE

By applying at 16 Rogers Seniors may
obtain any papers written by them and
now in charge of the English Department.

Everytime you receive a nice, clear
cut notice you may know that it was got-
ten out economically opposite The Union
at 39 Trinity Place, Telephone B. B.
1387, The Tech Typewriting Bureau.

NOTICE

Managing Board Meeting, today,
at 1.00 p. m. sharp. IMPORTANT.

DRAWING DEPARTMENT

Week of May 1st.
Descriptive Geometry.
Construction 9.
Examples 1. . . 4.
(Time, 6 hours)

TRACK TEAM WINS

Continued from Page 1.

ble, Brown; 2nd., Munch, Tech.
Time—28 sec.
Second heat—Won by Cummings,
Tech; 2nd., Leith, Brown. Time—
29 2-5 sec.
Final—Won by Cummings, Tech; 2nd.
Marble, Brown; 3rd., Munch, Tech.
Time—28 1-5 sec.
Two mile run—Won by Earl Ferry,
Tech; 2nd., Shedd, Tech; 3rd., Wat-
kins, Tech. Time—10 min. 22 2-5 sec.
Broad jump—Won by Gould, Tech;
2nd. Hadley, Tech; 3rd., Miles, Brown.
Distance—19 ft. 3-4 in.
Shot put—Won by Bartlett, Brown;
2nd., Chamberlin, Tech; 3rd.,
McLeod, Tech. Distance—42 ft.
11 in. (New Brown record)
Hammer throw—Won by Metcalf, Tech;
2nd., Bartlett, Brown; 3rd., Rully,
Tech. Distance—130 ft. (New Tech-
nology record)
High jump—Won by Dalrymple, Tech;
2nd., Bartlett, Brown; 3rd., Rosenberg,
Brown. Height—5 ft., 7 3-4 in.
Discus—Won by Chamberlin, Tech; 2nd.
Bartlett, Brown; 3rd., Moore, Brown;
Distance—117 ft. 1 3-4 in. (New Tech-
nology record.)
Pole vault—Won by Salisbury, Tech;
2nd., Allen, Tech; 3rd., Greenleaf, Tech;
Height—11 ft. 5 5-8 in. (New Tech-
nology record)

SCORE—TECHNOLOGY 94
BROWN 32

Seniors

Are you running a thesis where you
have to draw up data sheets? Let us
get out a neat printed, ruled data sheet
on thesis paper that will look much
better and will save you time and trouble.
Opposite The Union
The Tech Typewriting Bureau

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**

MR. A. J. SHEAFE

MASTER of DANCING

SHEAFE'S HALL

30 Huntington Avenue

Private Lessons Daily by Appointment

**Preston's
Coffee House**

Open All Night.
1036 BOYLSTON STREET, BOSTON
Telephone 2206-1 B. B.

The Apollo

*"The Chocolates
that are different."*

For Sale at the Union

Theodore

Metcalf Co.

1837 Apothecaries 1911
Prescriptions our Specialty
Try our Aquine Soap
Violet Jelly for roughness of skin
Alkaline and Antiseptic Spray
as mouth wash
Soda, Cigars, Candy, Toilet Requisites
535 Boylston Street

THOMAS A. BROOK & CO.

Importing

Tailors

51 Summer St. Boston

Boston Garter

Velvet Grip

Fits smoothly and
keeps up the sock
with neatness and
security. It is
comfortable be-
cause its wearer
doesn't feel it.

The Boston
Garter keeps its
strength and ex-
cels in wear-
value. Fully
guaranteed.

New pair
free if you
find an im-
perfection.

See that
Boston
Garter
is stamped
on the clasp.

**Boston
Garters**
Worn the
World Over
by Well
Dressed
Men.

Sample Pair
Cotton, 25c. Silk, 50c.
Mailed on receipt of price.

GEORGE FROST CO., MAKERS,
Boston, U.S.A.