

# THE TECH

VOL. XXIX. NO. 98.

BOSTON, MASS., WEDNESDAY, FEBRUARY 23, 1910

PRICE ONE CENT

## WILLIAMS WINS--25-13 IN EXCITING GAME

### Tech Puts Up A Good Fight-- Parker's Playing The Fea- ture Of Game

It was not the fault of Capt. T. B. Parker that Williams won from Technology in the basket-ball game at Williamstown Monday. Capt. Parker played with the vim and life of three men; he was here, there and everywhere; his playing was the big feature of the game. He put every ounce of his strength and all his knowledge of basketball into the game; if Tech had a few more players of his calibre the outcome of the game would have been very different.

The team was slightly handicapped without Hargraves in the game, but with the hasty shift in the line-up they remedied this to some degree. The victory over Tech makes this Williams' eighth straight win, and it is expected that they will make a strong bid for the intercollegiate championship.

The game closed with the score at 25 to 13. Parker, Crocker and Bennis shot goals from the floor and Parker made most of the free tries. Lambie and Templeton played the best game for Williams. The summary:

WILLIAMS.	M. I. T.
Lewis lf .....	rb Parker
Lambie rf .....	lb Crocker
Templeton c .....	c Johnston
Hamilton lb .....	rf Bennis
Wallace rb .....	if Ell

Score—Williams 25, M. I. T. 13. Baskets from floor—Lewis 3, Lambie 4, Templeton 3, Hamilton, Wallace, Parker 2, Crocker, Bennis. Baskets from free tries—Templeton, Parker 5. Referee—Behir of Worcester. Time—20-minute halves.

## G. W. TUPPER TO TALK

### Will Talk To T. C. A. On The Man- agement Of Men--All Invited

At the usual Wednesday evening meeting tonight of the Technology Christian Association, Dr. G. W. Tupper is going to speak on "The Technical Graduate as a Manager of Men."

Dr. Tupper is a special correspondent to the Boston Transcript, and a series of articles was begun last Saturday, the first of which dealt with "The Great Emigration Ports." Dr. Tupper is at present studying that problem confronting the American nation of melting the various peoples together into one great whole. His first article last Saturday on that problem gave a most interesting insight into the gateways of Europe through which pass the millions a year.

Dr. Tupper, through his study and in his dealing with foreigners in this country and abroad, has gained a valuable experience and is competent to judge upon the ability of technically educated men to handle not only these foreigners but men put under their leadership as well.

The future of every Tech man depends upon his ability to handle men and to deal with them successfully; therefore a talk from a man such as Dr. Tupper ought to be heard by all who have any interest in their future.

The supper will be served as usual upstairs at the same price as before. Some new features are to be passed upon and plans for the new active work for student membership may be brought up if time permits.

## MUSICAL CLUBS GIVE SUCCESSFUL CONCERT

### Entertain A Large Audience At Unitarian Festival In Melrose

The first concert given by the Musical Clubs since their return from their western trip, was at Melrose Auditorium, at a Unitarian Festival yesterday afternoon. In spite of the disagreeable weather conditions, a large crowd turned out to the entertainment. The hall was decorated with flags and Tech banners. On either side of the hall booths were placed, where candy and cake and many other things were sold. At half-past one the festival was opened by the Glee Club, which rendered two Tech songs, "Cardinal and Grey," and "Take me back to Tech." Owing to the loss of several of its members, the Banjo Club was unable to perform. However, this difficulty was overcome by additional selections by both Mandolin and Glee Clubs. A. O. Wilson 1911, rendered a solo which won a hearty applause. The concert, with the singing of "Dear Old M. I. T." by the combined clubs, was brought to a close.

Afterward, the main floor was cleared and informal dancing followed. Many of the boys remained and enjoyed the festivities. The festival finally closed at five o'clock and all left for home.

## PROF. TALBOT TO TALK

### Lecture On Chemistry Of Modern Illuminants Tonight

The Society of Arts and any who are interested enough to drop in at 6 Lowell tonight about eight o'clock will be told of "The Chemistry of Modern Illuminants" by Professor Henry P. Talbot.

Even those who drew an F in chemistry may attend this lecture, for it is to be a non-technical account of the sources and preparation of the materials employed in the modern systems of household illumination. It is to be a simple story told in a simple fashion with stereopticon illustrations to show the different details of manufacture.

The lecture will be about the same as those given to the freshman class, but it will be somewhat more extended.

If any of the audience be "from Missouri," Professor Talbot will "show them" by actual experiments. He will tell of the ingredients used in the production of lights, from the candle to acetylene, and the incandescent mantle. Professor Talbot will also touch on the products given off by these different lights, and their influence upon the atmosphere and occupants of our living rooms.

Better come. Maybe you can pick up some facts to prove that that headache in the morning is due to the gases given off by your study lamp and nothing more.

It is hoped that Holy Cross College will be well represented at the New England intercollegiate meet to be held at Tech Field, Brookline, May 20 and 21. The performances of the athletes at the meet held in Worcester Monday night would indicate that the purple and white institution has several capable men.

## CIVIL ENG. SOCIETY VISITS NEW SUBWAY

### Large Party View Work In Cam- bridge Conducted By Chief Engineer Street

With a party numbering over a hundred and twenty-five, the Civil Engineering Society, Monday afternoon made the second of their series of trips to points of interest in the vicinity of Boston; visiting the new Cambridge subway, now in process of construction. They took the car to Harvard Square, where they were met by Mr. Street, Chief Engineer for the H. P. Nawn Co., contractors, and Mr. Stewart, assistant engineer, who conducted them first to the incline on Massachusetts Avenue for the North Cambridge cars. Here were seen the methods used in bracing up, during excavation, a large sewer which crosses the street at this point.

From Harvard Square the party proceeded east on Massachusetts Avenue, where the subway during construction, is an open cut about thirty feet deep, which afforded good opportunity to view the work in all stages of completion. The soil consists principally of clay with some beds of sand which is used as far as possible in the concrete. Very little trouble from rock or water is experienced in excavation, although sub-drains have to be used to some extent.

The subway structure consists of reinforced concrete, the mixture being 1:2:4 waterproofing is effected by means of the tar and felt process—four layers being used. Proceeding farther, a point was reached near the corner of Mt. Auburn Street, where all the excavation is carried on as a tunnel, a shield in the form of a steel arch being used to hold up the earth while the concrete arch is being put in. This shield is continuously being pushed forward as the excavation proceeds, leaving behind the finished concrete work. The excavated earth is hauled in cars back through the tunnel to an elevator which lifts it to the surface, where it is dumped into wagons. Air shafts are provided at intervals, but notwithstanding this the temperature is over ninety degrees.

At this point a power plant is located, consisting principally of two compressors driven by electric motors, which furnish water under 2000 and 5000 pounds per square inch to the fourteen hydraulic jacks which move the shield. There are also some small air compressors.

(Continued on page 3.)

## MELROSE DEFEATS 1913

The Freshmen basket-ball team was defeated yesterday by Melrose High School men by the score of 42 to 9. Melrose is represented this year by a fast team, and the Freshmen could not seem to make much headway either in preventing their opponents from scoring or adding points to their own small score.

Welch and McCarthy played well for the 1913 team; Winship and Dyke were the stars of the winning team. The summary:

MELROSE.	1913
Winship rf .....	lb Welch
Dyke lf .....	rb McCarthy
Watson, Wentworth c .....	c Murdock
Brock rb .....	lf Jones
Watson, McLetchie lb .....	rf Horner

Goals from floor—Winship (6), Dyke (5), Wentworth (2), Walsh, McCarthy. Goals from fouls—Winship, Wentworth, Walsh. Referee—La Rose. Scorer—Foster. Timer—Stevens. Time—20-minute halves. Attendance—300.

## DINING ROOM PROFITS SHOW SMALL INCREASE

### Union Room Will Be Kept Clean During Noon Hour By Arthur Campbell

Although the losses incurred last term have not been made up yet, the weekly profits of the Union Dining Room are not only continuing, but are actually increasing. If they continue at the present rate the Union will come out even, or perhaps show a small profit, by the end of the term.

The Civil Engineering Society is filling two tables each day; the Architects have one table and The Tech has one table. The Course II men have spoken for a table, and the Tech Show will probably have several tables. The committee again wish to call the attention of the men to the fact that any crowd up to fourteen men can have a table reserved for them regularly.

Arthur Campbell, a small colored gentleman, has been employed by the Union House Committee to keep the Union rooms clean. He will be on duty daily between 12 and 2.30. The committee asks that all the men who use the Union will co-operate with Mr. Campbell in keeping the rooms neat and tidy.

Two lists for the names of men who wish to purchase \$4.00 meal tickets have been circulating; so far only thirty-five men have signed, and unless fifty or more names can be obtained the scheme will be abandoned.

Following is given the report of the Dining room for the week ending Sunday, Feb. 19:—

#### Receipts.

Inventory, Feb. 20 .....	\$413.00
Cash Receipts .....	502.03
Private Dinners .....	20.50
Supplies .....	.23
Discounts .....	.67

\$936.43

#### Expenses.

Inventory February 13 .....	\$457.08
Supplies Bought .....	282.25
Wages .....	137.88
Students' Wages .....	19.20

\$896.47

Profit for the week .....	\$39.90
Profit for last week .....	34.72

The average attendance during the week-days of last week was 401 per day this being the largest average attendance so far.

Alexandria, Va., Feb. 22.—The movement to erect a permanent Masonic memorial to George Washington took its first definite form today when Gen. J. M. Dickinson, secretary of war, and the grand masters of many Masonic lodges met here with other distinguished men of the fraternity to form a National Masonic Memorial Association. Perhaps no Masonic celebration ever held anywhere in America has been more elaborate.

#### CALENDAR.

Wednesday, February 23.

7:15—Gym team, practice, Gym.  
8:00—T. C. A. Dinner, Union.  
7:15—Wireless Lecture, Union.  
8:00—Society of Arts, 6 Lowell.

Thursday, February 24.

7:30—Mining Engineering Soc. Union.  
8:00—Chemical Society, Union.  
Lowell Textile Basket-ball at Lowell.  
Gym Meet at Salem.

Friday, February 25.

1:00—1910 class meeting, Hunt Hall.  
8:00—Military Hop, Howe Hall.  
8:00—Union Night.