

# THE TECH

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## HOWLAND BREAKS ANOTHER RECORD

**Wins] Cross Country Handicap over Eight Mile Course from Scratch**

### FRESHMEN DO WELL

**Howland 1908 — Stephenson 1909 Benson 1912 and Ferry 1912 Make Best Times**

In the annual handicap cross-country race and under the most adverse conditions imaginable, Harold H. Howland 1908, former captain of the Technology cross-country team, broke the record for the West Roxbury 8-mile course by 32 seconds. It was a significant fact that the man who previously held the record which has stood since 1904, was also running in the race for practice. The man was E. H. Lorenz, another Institute cross-country ex-captain.

Howland not only broke the record, but he also won first place in the race overcoming a handicap of seven minutes on the eight-mile course. His elapsed time was 53 minutes 23 seconds, making his actual time 46 minutes 23 seconds. The former record, held by Lorenz, was 46 minutes 55 seconds.

Frederick H. Busby, the old English High School runner, was second, but he ran with a handicap of five minutes. Close behind him at the tape was R. M. Ferry, another freshman.

At this point Lorenz came in, but he was only running an exhibition race, so his points and place did not count. The time he made was excellent, considering that he has not done very much athletic work lately. He covered the course in 47 minutes 39 3-5 seconds, actual time. This was but a little behind his former record, made while he was captain of the team.

The recent relations between Howland and Lorenz have been interesting in the extreme. The old-time star held the records for both the regular Technology course to Tech Field and the course run over yesterday. Since Lorenz left the Institute, Howland has broken both records and he has been heartily encouraged in both attempts by his past rival.

Four men were awarded the "cTe" for the best actual times made. The men to whom this insignia goes are H. H. Howland 1908, 46m 23s; J. N. Stephenson 1909, 49m 6s; H. S. Benson 1912, 49m 31s; and E. E. Ferry 1912, 51m 12s.

An interesting fact concerning the race and one which augurs well for the cross-country team in the future, is that eleven freshmen ran in the race.

The order and times of the men to finish were as follows:

	Elapsed	Corc'd.
	Time	Time
	m. s.	m. s.
1—H. H. Howland 1908	53 23	46 23
2—F. H. Busby 1912	53 03	51 34
3—R. M. Ferry 1912	53 45	51 45
4—E. E. Ferry 1912	54 42	51 12
5—H. S. Benson 1912	55 01	49 31
6—B. C. Huber 1910	56 02	51 32
7—J. N. Stephenson 1909	56 06	49 06
8—J. Lenearls 1912	57 12	57 12
9—G. H. Magee 1910	57 40	56 10
10—J. G. Tripp 1910	57 45	54 15
11—V. V. Ballard 1912	58 15	53 45
12—C. L. Tuller 1912	59 12	56 12
13—N. G. Herreshoff 1912	59 25	56 55
14—R. E. Hyde 1912	61 35	61 03
15—M. D. Hersey 1909	61 11	59 41
16—R. Emmel 1911	63 02	61 31

C. L. Campbell 1909—lost course.

Four best actual times—H. H. Howland 1908, 46m. 23s.; J. N. Stephenson 1909, 49m. 6s.; H. S. Benson 1912, 50m. 31s.; and E. E. Ferry 1912, 51m. 12s.

Officials—Starter, Frank M. Kanaly. Referee, R. Ellis 1909. Marshals—Theodore Whittmore, Roxbury Latin; F. H. Hunter 1902, A. R. Hunter 1908, E. H. Gage, Roxbury Latin.

## TODAY IS 104TH ANNIVERSARY OF BIRTH OF PRESIDENT ROGERS

**"He gave his eloquence, his untiring energy, his rare wisdom, and life itself to founding and upbuilding the Institute."**

### J. P. MUNROE WRITES LIFE OF FOUNDER

**President Rogers Died at Graduation Exercises in 1882, but had Seen Institute Emerge from Experimental Stage Prepared for Useful Career**



President William B. Rogers

One hundred and four years ago today, William Barton Rogers was born. A friend of Agassiz and Huxley and other leading men, he was one of the foremost educationalists of his time. Besides founding the Institute, he prepared the petition to the Massachusetts legislature and led the movement which resulted in the present buildings and in the buildings and organization of the Boston Society of Natural History, in the Boston Museum of Fine Arts, and, more indirectly, in Trinity Church and the Boston Public Library.

The following is a life of President Rogers reprinted from The Tech of December 7, 1904, for which it was written by James Phinney Monroe 1882: William Barton Rogers, founder and first president of the Institute, was born in Philadelphia, Dec. 7, 1804. The second son of Patrick Kerr Rogers, he and his three brothers,—all distinguished men of science—were educated at the College of William and Mary, where their father was Professor of Natural Philosophy, and where William at the age of 24, succeeded him.

Seven years later William Rogers was called to a similar chair in the University of Virginia. In the same year (1835), he was appointed head of the geological survey of Virginia, his brilliant work in science having already given him international reputation.

In 1846 he and his brother Henry formulated a "Plan for a Polytechnic School in Boston," which much influenced the Lawrence and Sheffield Scientific Schools, founded—in connection

with Harvard and Yale respectively—not long thereafter.

Convinced, however, that the educational and industrial needs of the time could be met only by a wholly independent school, Professor Rogers, soon after coming to Boston in 1853, joined the movement already begun by leading merchants and manufacturers of the city for the creation of such an institution; and from 1859 until his death—although for the greater part of that period an invalid—he gave his eloquence, his untiring energy, his rare wisdom, and finally life itself, to the founding and upbuilding of the Massachusetts Institute of Technology.

Limited space forbids even an outline of this achievement of his which involved the convincing of the public and the legislature, the raising, during a time of war, of large sums of money, the working out of a new scheme of education, the creation of teaching laboratories, and the carrying forward against poverty, misunderstanding, and ceaseless opposition, of a costly and complicated educational experiment.

For President Rogers and his associates aimed to establish and did indeed create much more than a school of technical training. They created an institution where high purpose and honest work are fundamental; where youth expect to behave and to labor like men; where for a vague, "imbibed" culture is substituted the real culture acquired through doing a hard task thoroughly, truthfully, and in a scholastic (Continued on page 4.)

## MUSICAL PROGRAM GIVEN UNION NIGHT

**Glee and Mandolin Clubs and Soloists Well Received**

### ENTHUSIASTIC CROWD

**Present in Spite of Rain — Clubs Show Results of Season's Practice Work**

"Union Night" demonstrated its popularity with the students last week when over 125 turned out for the Friday entertainment in spite of the disagreeable weather. The Technology Glee and Mandolin Clubs, under the leadership of C. W. Kyle 1909, and H. J. Stiebel 1909, respectively, furnished two selections each, and two soloists from the former contributed their share to the list of numbers. The enthusiasm of the audience was well shown by repeated calls for encores, to which the musicians responded generously.

The program was as follows:—  
Onward—H. J. Stiebel 1909, Glee Club.  
Good Night, Beloved, Good Night—

Mr. Arthur Killion.  
Cello Solo—Fisher, Mandolin Club  
The Two Grenadiers—Schumann,

W. B. Jenkins 1909.  
Sandman—Brotherde, Glee Club.  
The Great Divide, Mandolin Club.

The Mandolin Club rendered "The Bird and the Brook" as one of the encores, and the Glee Club "Boyle's Law."

The general opinion of the audience seemed to be that the musical clubs had done remarkably well and that they have begun to reap the rewards for their hard and consistent work during the past two months.

## CHARLES RIVER BASIN

**Improvement Will be Discussed Before Society of Arts**

"The Charles River Basin Improvements" will be the subject for discussion at the first meeting of the Society of Arts, to be held in Huntington Hall tonight.

The water in the basin has just reached its permanent level, and the topic has been selected as a timely subject of interest. Mr. Hiram A. Miller, chief engineer of the Charles River Basin Commission, will describe the engineering problems presented and how they were met; and Mr. W. S. Youngman, secretary of the Commission, will tell of the beneficial results of this great undertaking. Both gentlemen are entertaining speakers, and the descriptions will be illustrated with many lantern slides.

The Society of Arts was one of the fundamental conceptions of the founder of the Institute, and its meetings are a part of the educational scheme in which the public is invited to participate. The expenses of the society are defrayed by the membership dues, but its meetings are free to all and its executive committee has always extended a cordial invitation to all interested.

## CALENDAR

MONDAY, DEC. 7.

- 1:00 P. M.—1910 class meeting, Huntington Hall.
- 4:00 P. M.—Meeting of associate editors in 30 C.
- 4:00 P. M.—Weight men report to Coach Kanaly at field in front of Lowell building.
- 5:00 P. M.—Tech editors in 30 C.

TUESDAY, DEC. 8.

- 7:30 P. M.—1908 class reunion at Union.
- WEDNESDAY, DEC. 9.
- 7:45 P. M.—Mining Engineering Society meeting, Union.