

THE TECH

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PRICE THREE CENTS

PROFESSORS TELL ABOUT DARWINISM

Praise Freeminded Spirit of Biologist Defying Precedent

EVOLUTION UNIVERSAL

Professors Sedgwick and Lowell Explain Inertia Against Accepting Theory

With a well attended meeting and lectures on Darwin's Theory of Evolution the Society of Arts observed last night the one hundredth anniversary of the birth of Charles Darwin. The lectures were delivered by Prof. Sedgwick, of the Biological Department of the Institute, and by Prof. Percival Lowell, who has charge of the observatory at Flagstaff, Arizona. In introducing Prof. Sedgwick Prof. Noyes spoke briefly on the elements of Darwin's work that had made him famous, laying most emphasis on the fact that his work was such as to be appreciated by the general public as well as by scientific men.

Prof. Sedgwick first gave an account of Darwin's birth and family, his life and the conditions under which he worked. He gave a brief history of the development of scientific knowledge, and then went on to treat of Darwin's great Theory of Evolution, giving an explanation of it and describing the reasoning that led to its formulation. He pointed out that the Theory of Evolution as applied to plants and animals is only an extension to living things of what has long been accepted as true in the formation of the earth and the changes in its surface.

After the applause that greeted the close of Prof. Sedgwick's speech had died down, Pres. Noyes introduced Prof. Lowell.

Prof. Lowell went into the subject somewhat more deeply than Prof. Sedgwick, giving a short sketch of the development of the idea of evolution as applied by the Greeks to certain phases of the inorganic world to the application of it to the organic world by Darwin. He made the statement that if a man was not ahead of his time he would not be a genius, and Darwin is just beginning to be rightly appreciated.

RELAY TEAM CRIPPLED

Will Run Tufts Tomorrow Under Great Disadvantages

Tomorrow night Technology will be represented against Tufts in a two-mile relay race at the annual Lawrence Light Guards Meet at Medford. Last year Tech was represented by a fast team and was only beaten by inches in the last few yards. This year the institute will be represented by a team which is much handicapped by the loss of the fastest two men on the team, but which is determined to win.

The members composing the team are H. H. Howland 1909, who holds the eight mile record; H. S. Benson 1912, captain of the freshman cross-country team; C. P. Eldred 1911, one of the crack cross-country men, and C. L. Campbell 1909, who has not run till this year.

The team is severely handicapped by the loss of L. O. Mills 1910, who has left the Institute to accept a good business position; and by P. D. White 1911, who is threatened with pneumonia. These two men were the two best men of the team. Mills holds the mile record, while White holds the half-mile record.

The team is running now simply to fulfil its obligations with Tufts.

Besides the team race, Technology will be represented in the 40-yard dash by J. S. Grant 1912, and L. B. Walker (Continued on page 3.)

MILE RELAY TEAM OFF TO NEW YORK

Crack Technology Runners To Appear at Madison Square Garden

OFF TODAY AT THREE

Tech Will Have Another Chance at Harvard—Team Runs at Troy February 22

This afternoon at 3 o'clock Technology's championship relay team leaves Back Bay station for New York to compete in the intercollegiate meet to be held in Madison Square Garden Saturday evening. Six teams will run in the race at the same time. The teams entered in the race with Technology are Harvard, Amherst, Brown, Johns Hopkins and Wesleyan.

With the showing of the team in the race with Syracuse at the B. A. A. meet last Saturday as a basis the hope of capturing the team race Saturday in New York is great, and Technology should place first, as the time made by the Institute team last Saturday was the fastest made at the meet and was only one and three fifths seconds less than record for the track. A great incentive to the men will be the chance of beating Harvard and so adding another win to the string of victories over the Crimson. Tech beat Harvard twice in cross-country, once in basketball and held them to a 1 to 0 game at hockey. The track at Madison Square Garden is ten laps to the mile and without corners. Running without corners may prove troublesome to the Tech men, but they have been practising daily on the track at the Oval without using the corners.

The same team will go to New York that beat Syracuse in the B. A. A. meet. They are Carl W. Gram, 1909, W. C. Salisbury 1911, A. L. Moses 1910, and K. D. Fernstrom, 1910. Coach Kanaly will also go with the team.

The team will be entertained by the Columbia University Club at a vaudeville to be given at the club rooms after the meet.

Manager Fernstrom has arranged a dual one mile relay race with Wesleyan to be run Feb. 22 at the troy Y. M. C. A. games.

TECH SHOW UNDER WAY

Many Candidates for Principals and Chorus—Francis Explains

Trials for the show were held in the Union yesterday afternoon and brought out a great many new men, about 125 reporting for the principals and chorus. The men who have held principal parts and are coming out this year are S. A. Malcolm 1909, who made a hit in last year's play as the uncle, and wrote this year's show; R. H. Allen 1909; R. Kibbey 1908, one of last year's stars; Cherub Belden 1909, leading lady for the past several years; R. C. Jacobs 1909; S. Altamarino 1909; A. T. Palmer 1909; H. H. Catching 1911; J. J. Higgins 1910; A. B. Court 1909; and H. F. Thode, who will lead the orchestra this year, as usual.

There are nineteen principal parts in this year's play. The women's are "Mrs. Billington," a Puritan of 35; "Miss Susan White," another Puritan; "Beatrice" and "Olga," two younger girls, soubrettes; "Aunt Elfrida," elderly lady of decided opinion. Those of the men "That Pill Grimm," the title role; "Flotsam," his secretary; "The Burgomaster," "Von Hardwrek," another dutchman; a dutch comedian, "John Billings," the anthesis of his wife; "Styles Mandish," handsome love-lorn gallant of 1635; "William Bradford," a stiff old Puritan; "Raymond Fletcher," a youth; "Elder Brewster," Puritan of the old school; a messenger (Continued on page 3.)

RAILROAD SIGNALS AND MANagements

James O. Fagan Will Speak at Friday Evening Meeting

KNOWN AS SIGNAL MAN

Has Become Very Well Known Through His Magazine Articles

The entertainment committee has been fortunate in securing James O. Fagan, the railroad tower-man, as the speaker for the Union night tonight. The lecture will be of an informal nature and will begin promptly at 7.45 P. M. As usual light refreshments will be served at the close of the lecture for a nominal sum.

Known the world over as "the signal of man," Mr. Fagan is a self-made man in every sense of the word. By his recent articles in some of the leading periodicals, Mr. Fagan has brought himself before the public as a man thoroughly cognizant with railroad affairs and the crying evils of railroad management.

As a result of the appearance of these articles Mr. Fagan has had several interviews with President Roosevelt and several with President Eliot of Harvard. It is reported that his interview with President Eliot resulted in his engagement by Harvard to deliver a series of lectures on railroad-ing.

Rabbi Fleischer, the eminent Jewish pastor, has been secured for Union night one week from tonight. His subject will be "Democratic Principles."

WHITE KNEW LINCOLN

Journalist of War Time Tells of Personal Memories of The Emancipator

Mr. Horace White of New York, economist and journalist, was the speaker at the Lincoln Memorial Convocation yesterday. In introducing him Pres. Noyes said he was the only man now living who was present at all the Lincoln-Douglas debates. Mr. White was a personal friend of Lincoln's, and as correspondent of the Chicago Tribune had a splendid opportunity to watch the way in which the great man faced the serious problems besetting him. Mr. White spoke for three-quarters of an hour, giving an account of Lincoln's public life as he had seen it and dwelling on his characteristics as a man. He brought out the effect of the repeal of the Missouri Compromise and of the Lincoln-Douglas debates on Lincoln's public life, and touched on the esteem in which he is held in both North and South today, attributing it to his insight into the feelings of the Southerners during the war.

SENIOR PORTFOLIOS

During the exams. orders were given out to a few of the men in order that they might go to Notman's and have their pictures taken for the Portfolio. The members of the committee were unable to see all the men and those who have not yet obtained the order blanks will be supplied in a few days.

It has been very difficult to get the past Portfolios out on time, because the men keep delaying to have their pictures taken.

It is essential that the men make their appointments at Notman's as soon as possible.

Orders may be obtained from any of the committee: C. N. Harrub, I; W. J. Kelley, I; J. W. Nickerson, II; A. L. Shaw, I; H. E. Whitaker, II.

TECH BEATS FAST PROVIDENCE TEAM

Basketball Five Defeats Brown University in Close Game

SCORE IS 18 TO 14

Game With Tufts Tomorrow Night at Gym Should Prove an Easy Victory

That the basketball team is again rounding into form, was shown in its game with the Brown five in Providence. Ending the first half with an even score, 9 to 9, the Institute team took a brace and defeated their opponents by four points.

The line up:

M. I. T.—Hargraves, r.f.; Lord, l.f.; Parker, c.; Bennis (Taite), r.g.; Wentworth l.g.

Brown — Reginer, l.g.; Sprackling (Raquet), r.g.; Aspinwall, c.; Swaffield (Johnson), l.f.; McKay, r.f.

Score—M. I. T. 18, Brown, 14. Goals from floor—Wentworth 3, Parker 2, Lord, Bennis, McKay, Swaffield. Goals from fouls—Parker, Wentworth, Swaffield, McKay. Fouls—M. I. T. 4, Brown 3. Referee and umpire—McAdams. Timer—Raymond. Time—20 minute halves.

With one victory over Tufts scored on the Medford floor, the outlook for another in the Technology gymnasium tomorrow night seems bright indeed. The score of the game on Jan. 7, 28 to 15, the second team, however, losing 16-10. The match between the two second teams Saturday should be a good one, inasmuch as both teams have had ample time to develop.

1912 CROSS COUNTRY

Every freshman who is at all interested in cross-country running is requested to report at the gymnasium tomorrow at three for a short practice run. The inter-class run comes in the first of April, and in order that the freshmen may make a good showing against the veteran sophomore team it is absolutely necessary that every 1912 man who has ever run or thinks he can run should come out for the first practice run. The run will be short and nothing more than a dog trot. At present there are only about four men who have signified their intention of trying for the team. The team is composed of ten men and two substitutes, so that if the freshman class expects to do anything all their runners must wake up. The winning team has a right to wear their numerals.

CALENDAR

FRIDAY, FEB. 12.

- 3.00 P. M. Relay team leaves Back Bay station for New York.
- 4.00. Mandolin Club rehearsal.
- 4.15 P. M. Classes in Physical Training begin at the Gym.
- 4.15 P. M. Tech Show Principals Rehearse at the Union.
- 7.45 P. M. Union night with "The Signalman."
- 8.30 P. M. Catholic Club dance in Copley Hall.

Saturday, Feb. 13.

- 3.00 P. M. Freshmen cross-country candidates meet at the Gym.
- 7.30 P. M. Relay team races Tufts at Medford.
- 8.00 P. M. Basketball vs. Tufts at Tech Gym.

Sunday, Feb. 14.

- 6.45 P. M. Y. M. C. A. meeting in Union.