

THE TECH

VOL. XXXIV. NO. 30.

BOSTON, MASS., FRIDAY, MAY 8, 1914.

PRICE TWO CENTS

MYSTERIOUS STRANGER CAUGHT LAST NIGHT

Big Royalty Offered for His
Second Apprehension by
Undergraduate.

At last the mysterious stranger has given himself up. Trailed by THE TECH detective he was finally run to earth. Claiming the name of "Watchful Wallie" he entered into the following agreement with THE TECH board whereupon he secured his release.

AGREEMENT between Watchful Wallie and The Managing Board of THE TECH.

Witnesseth: The party of the first part agrees to furnish the party of the second part with the contents of his classic entitled "FUSSER'S FINISH" with the understanding that they will disclose to no one, living or dead, either by thought, hint, deed, or other means the contents of this aforesaid work before 12.01 o'clock on the afternoon of May 7, 1914.

Whereas the party of the first part, the aforesaid Watchful Wallie, has been at great mental and physical trouble to concoct such a conglomeration as the aforesaid literary work he demands that the party of the second part, the official news organ of the Massachusetts Institute of Technology, pay to him not later than ten days after date of first publication, the sum of three and forty-nine hundredths cents in recognized legal tender for every copy of "FUSSER'S FINISH" placed in existence.

Furthermore the price of each copy to the retail public will be one buffalo nickel for each of the first twenty copies, these to be autographed by Watchful Wallie himself; five Lincoln pennies for the twenty-first copy; and one nickel or other United States coinage of equivalent value for all succeeding editions of the aforesaid copies, which shall contain a reprint of the above mentioned classic.

Thirdly all correspondence between the party of the first part and the party of the second part is to be made public.

Lastly any undergraduate of the Massachusetts Institute of Technology may deprive the party of the first part of the above mentioned royalty by simply discovering the identity of and arresting the Watchful Wallie.

(Continued on Page 2)

TRACK TEAM AWARDS

Six T's Given by Advisory Council at Last Meeting.

At the last meeting of the Advisory Council on Athletics six men were awarded their "T's." These six men, Leslie, Miller, C. T. Guething, Lawrason, O'Hara, and Sullivan, all won first places in the Holy Cross Meet last Saturday.

Numerous A. T. A. awards were also made by the Council to the men who placed in either the Holy Cross or the Bowdoin Meet. The following men received such awards: Thompson, Donnelly, Brock, Graff, Litchfield, Foster, Sewell, Brown, Wall, Reed, Atwood, Knapp, Wood, Stevens, and Beach.

DISEASE CURED BY SYNTHETIC CHEMISTRY

Prof. Talbot Tells of Modern
Chemotherapy and Work
of Paul Ehrlich.

Prof. Talbot's talk on Chemotherapy last night at the Chemical Society Smoker introduced many of the large number of men present to a line of chemistry with which they were entirely unfamiliar. Dr. Talbot dealt mainly with the work of Paul Ehrlich, a work in synthetic organic chemistry which has been the basis of practically all the modern methods of combating disease.

He defined chemotherapy as a systematic attack by means of synthetic chemicals on those diseases caused by parasites, and gave with some detail the development of this line of work, showing how the effects of various radicals on the diseased cells were studied, and from these synthetic organic chemicals made to produce the effects desired.

President Dickson called the attention of the members of the society to the annual banquet which is to be held next Tuesday night at the Copley Square Hotel. All members who have not yet secured their tickets can obtain them from any of the officers of the Society.

Mr. Marble, president of the North Eastern Section of the American Chemical Society, will be one of the speakers of the evening. The other speaker will be Dr. Carmichel who is one of the most prominent consulting chemists in this part of the country and a man of rare experience. Most of the professors in the department will be present at the dinner. Tickets should be obtained before twelve o'clock on Saturday.

COURSE IV BANQUET

Many Original Features To Be Staged by Committee.

Mr. Ralph A. Cram and Professor George F. Swain of Harvard will be the principal speakers at the dinner of the combined Architectural Societies to be held this evening at 6.30 at the Copley Square Hotel. Mr. Cram is well known in the Architectural world and Professor Swain is a graduate of the Institute, class of '77, and was formerly head of the Civil Engineering department at Technology.

The banquet will be the thirty-second of its kind to be held by the undergraduates of the department. The committee expects that much surprise will be created by the many original features which they intend to introduce.

WEATHER

For Boston and Vicinity: Probably fair Friday; moderate variable winds.

MUSICAL CLUBS WILL DISCUSS CONSTITUTION

Elect Leaders of Clubs Today—
Important Constitutional
Changes Given.

The Combined Musical Clubs will hold a meeting at five o'clock today in the Union, at which the leaders of each of the clubs will be elected and the new Constitution will be discussed. All men who are absent from this meeting without sufficient excuse will not be allowed to attend the annual banquet at the Copley Square Hotel next Wednesday evening; and all members are expected to be prepared to discuss the more important articles of the Constitution. Some of the changes in this Constitution are given below.

Art. IV. Choice of Members.

Sec. 1. Candidates for membership shall be tried and chosen by a committee of three members of the Club to which they are applicants.

Art. V. Officers.

Sec. 1. The officers of this Association shall be and rank as follows:—General Manager, Secretary-treasurer, and three assistant managers.

Sec. 2. All officers of this association except the General Manager must be active members of the Association.

Sec. 3. The General Manager must be a member of the Massachusetts Institute of Technology.

(Continued on Page Four)

PRACTICE MEET

Tech To Meet B. A. A. Saturday
—No Scoring.

On Saturday Technology will meet the B. A. A. in a practice meet for both teams. With the New England only a short distance off it was felt advisable to give the men a little more competitive work and the B. A. A. track management very considerably agreed to run several of their men in informal competition. The regular distance will be shortened considerably and will average about three-fourths of the usual distance. The list of events is as follows: 75 yard dash, 150 yard dash, 350 yard dash, 660 yard dash, three-quarter mile run, one and one-half mile, 120 yard high hurdles, 220 yard low hurdles, broad jump, high jump, shot put and discus. There will be no competition in the hammer throw or pole vault.

As the meet is to be entirely informal and for practice only there will be no scoring. The B. A. A. have several good men that they can put on the track and several of them are record-holders. The benefit of this competition to Tech's team cannot be underestimated when it comes to considering the extra experience that they will gain before going into the New England.

FUTURE PLANS FOR COURSE I OUTLINED

Prof. Spofford Tells of New
Option and Alliance
with Harvard.

At the banquet of the Civil Engineering Society last night, in the Copley Square Hotel, the plans for the Civil Engineering Department in the future were outlined by Professor Spofford. A former president of the A. S. C. E., Mr. Desmond Fitzgerald, and Mr. Harrison P. Eddy, president of the Boston Society of Civil Engineers, also gave addresses. President Philip E. Morrill outlined the work done by the Society this year and stated that the membership had been increased from seventy-three to one hundred and forty.

In telling of the plans of the department Prof. Spofford said that the alliance with Harvard would go partially into effect next year. Harvard's professors will come to the Institute and become members of the faculty here. The new option in Highway Engineering, he said, will introduce differences from the present options in the third and fourth years. This course will not go particularly into details but will aim to give general character training and opportunity for thinking.

The speeches of Mr. Fitzgerald and Mr. Eddy were both appropriate and contained much information and many ideas that students could derive much benefit from. The results of the annual elections were announced as follows: President, Howard C. Thomas; vice-president, J. S. Gallagher; secretary, F. B. Hastie; treasurer, C. L. Hall; assistant treasurer, R. B. Walker. Program Committee: J. A. Tobey, H. B. Pickering, F. R. Foster, E. W. V. C. Lucas, Jr. Executive Committee: A. H. Bond, M. B. Dalton, W. R. Holway.

CALENDAR

Friday, May 8, 1914.

5.00—Musical Clubs. Union.
6.30—Architectural Societies Dinner. Copley Square Hotel.

Saturday, May 9, 1914.

1.40—Rifle Club Team leaves North Station.
2.00—Rifle Club Shoot. Walnut Hill Range.
2.30—Tech vs. B. A. A. Tech Field.
3.00—Baseball, 1917 vs. Cambridge Latin School.
3.00—Baseball, 1916 vs. Boston Latin School.
3.00—Tennis, Tech vs. Tufts. Medford.
4.00—Interclass Crew Races. River.
6.00—Cosmopolitan Club Dinner. Union.
8.00—Panama Lecture. Huntington Hall.

THE TECH

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FRIDAY, MAY 8, 1914.

IN CHARGE OF THIS ISSUE.

Editor: H. P. Gray, '16.
Associates: J. G. Fairfield, '16; A. D. Nute, '17.

The new constitution to be considered by the Musical Clubs at their meeting this evening appears to be a decided improvement over the old organization. It does away with the unnecessary duplication of officers in the President and General Manager, and provides for the election of the latter on a competitive basis by a small board with concentrated responsibility instead of on personal popularity by the clubs at large.

Combining the offices of secretary and treasurer is another move toward concentration, but would seem to place a rather heavy burden on one man. In its other details, the document seems in all respects worthy of adoption.

The falling-off in student activities which becomes evident as we approach the end of the term, and the decreased time which our men are able to devote to the paper, will necessitate a reduction in the number of issues printed during the remainder of the term. Therefore, beginning with next week, THE TECH will be published only on Monday, Wednesday, and Friday.

WIRELESS CLUB ELECTS OFFICERS

Last Term's Officers Re-elected At Meeting Yesterday Afternoon.

At the special meeting of the Wireless Society yesterday afternoon, the officers already in office were re-elected, as it was held that they had not completed their entire term, having been elected only six months ago. The officers are: A. R. Morton, '17, president; D. R. Husted, '16, vice-president; R. E. Curtis, '15, secretary; and H. W. Lamson, '15, treasurer. These men will remain in office until next November, when the next elections will take place.

At the next meeting of the society, in the immediate future, Mr. Harold J. Powers will address the members.

RIFLE CLUB SHOOT

Only Three More To Be Held This Season.

The Rifle Club will shoot as usual tomorrow at Walnut Hill, leaving the North Station at 2.00 p. m. Only three Saturdays remain on which shoot the Intercollegiate match, and that many of the members will take advantage of the opportunity to practice. Orders for rifles and bandoliers may be obtained from Capt. Casselman.

Members of the team are to take the 1.40 train from the North Station, and practice on the range at Wakefield. Saturday, May 16, the team will shoot the Intercollegiate Match, and the members match will also be shot. The following Saturday all members who desire will be afforded the chance to qualify for the N. R. A. marksman, sharpshooter, and expert medals.

MYSTERIOUS STRANGER

(Continued from Page One)

In such case the stated royalty on each copy of "FUSSER'S FINISH" shall be given to the person or persons making the arrest. The manner of arrest shall be: tap the suspect on the shoulder and say, "I arrest thee in the name of the double eff." That the arrest be legal it is necessary that a copy of the last issue of THE TECH be shown as warrant.

In witness whereof we have hereunto affixed our hand and seal on this seventh day of May in the year nineteen hundred and fourteen.

Watchful Wallip

THE MANAGING BOARD OF THE TECH.

Tonight the annual banquet of the Society ends a most successful year. This society is pre-eminent at the Institute for its activity and for the success with which it fulfills its purposes. This can be traced directly to the deep interest which the members as individuals take in the society and its welfare.

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Game Characterized by Heavy Hitting on Both Sides With Few Errors.

Yesterday afternoon the Freshman Baseball Team evened matters up in their series with the Sophomores by defeating them 11 to 10 at the Tech Field. This gives each team one win apiece and a third game must be played to settle the series. Hitting on both sides was heavy making a large score. The players who excelled in this respect were Poteat of 1916 and Simpson of the 17's. Poteat's homer over the centerfield fence was very good.

After getting the Sophomores out in order the Freshmen started right after Smart and did not let up until they had five runs. 1916 got two each in the next two innings but they did not help matters as 1917 had two of her men cross the pan during this time. This went on until at the end of the seventh inning the score was 11 to 7 in favor of the Freshmen. In the eighth the Sophomores added one. They came pretty near tying up the score in the ninth as a result of two wild throws by McQuaid, but DeMerritt ended it up with a pop fly.

The game was marred with an accident when Lovejoy was hit in the head with a pitched ball. Although he was not knocked unconscious he was groggy for a little while. The blow fortunately did not result seriously.

The summary:

1917	1916
Bell, lf	Petit, 3b
Simpson, p, rf	Ross, lf
McQuaid, 3d	Krigger, cf
Story, 1b	Poteat, 1b
Stevens, 2b	DeMerritt, 2b
Gardner, ss	Tapley, ss
Kendall, c	Guething, c
Farnsworth, rf	Smart, p, rf
Atkins, cf	Lovejoy, p
Henderson, p	Evans, rf
Cady, cf	
Lowengard, lf	
Innings	1 2 3 4 5 6 7 8 9 T
19160 2 2 0 2 0 1 1 2—10
19175 1 1 0 0 2 2 0 x—11

ENGINEERING AND SCIENTIFIC NOTES

Safety Record.

During the past nine months the Interborough Rapid Transit Company, which operates the New York subway, has transported nearly 2,200,000 passengers and yet not one passenger fatality has occurred on their lines during this period, a truly remarkable record. This road is generally reputed to be the most efficiently operated railway in the world. The officials attribute their freedom from accidents to the effectiveness of the automatic stops.

"Mineral Rods" Declared Fakes.

Whether gold, silver, and other precious and useful minerals may be found in the ground by means of mineral rods is a question frequently asked of the United States Geological Survey. The latest question of this sort came from a correspondent in

CHANCES GOOD IN NEW ENGLAND MEET

Times in Holy Cross Meet Compare Favorably With Other Colleges.

The Track Meet held last Saturday with Holy Cross convinced the management of the team and Coach Kanaly that chances for Technology being a strong point winner in the coming Intercollegiate are pretty good. A comparison of the times made by other New England colleges in a number of track meets held last Saturday shows that as far as the Institute is concerned this year's Championships will be most agreeable.

Although Rice, formerly of Powder Point and now of Maine, did not make extra fast time in the dashes he will easily take first place in both dashes on the twenty-second, according to the "dopesters." Loomis and O'Hara will be very strong and ought to show up in their usual good form. When Captain Guething and Lee of Holy Cross again race each other the running will be close. The New England record of 49 3-5 sec. is held by Lester of Williams, Saturday's time was 51 sec. Guething has covered the distance in 50 4-5 sec.

In the 880 yard run C. T. Guething made a time of 2 min. 22-5 sec. This compares favorably with other times made Saturday, the best of which was by Bell of Maine in 2 min. 34-5 sec. Benson in the mile made far better time than Coop of Brown, Barron of Tufts, or Schriver of Williams. When Cook broke the Tech record for two miles in 9 min. 49 sec. he succeeded also in making better time by 12-5 sec. than any other race run Saturday. His nearest competitor was Barron of Tufts.

Hudson of Trinity made the high hurdles at Orono in 161-5 sec. and low hurdles in 261-5 sec. "Tom" Huff did the former in 162-5 sec. and the latter in 264-5 sec. Considering that Huff had just recovered from a sickness his times were excellent.

Every track man feels encouraged by the results of Saturday and is doing his best to help Technology win the New England.

Vinemont, Ala., who states that a man from Birmingham has one of these rods for locating minerals, that he claims to be employed by the Government, and that the Government gets half of what he finds. This expert mineral finder's name is stated to be Wise, which may or may not have significance.

The Geological Survey's reply to this correspondent is that while an ordinary compass, or "dip needle," will be attracted to ores of iron, nickel, and cobalt, which are magnetic, it will be affected by no other metals or minerals, and that so-called mineral rods are fakes. Anyone claiming to operate a mineral rod on behalf of the United States Government is an imposter and should be let severely alone, or reported to the police.

The Harvard track squad left South Station last evening for Ithaca. They expect a victory over Cornell in the Dual Meet Saturday.

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MUSICAL CLUBS.
 (Continued from Page One)

Sec. 4. The managers of the separate clubs shall be the three assistant managers.

Art. VI. Officers of the Separate Clubs.

Sec. 1. The officers of each club shall be a Leader and Manager and such others as the clubs may choose.

Art. VII. Choice of Officers.

Sec. 1. The General Manager and Secretary-Treasurer of the Association, and the Managers of the separate clubs shall be elected by the Executive Committee of the Association, a majority of the membership of said committee being necessary for choice.

Sec. 2. Nominations for the positions of General Manager, Secretary-Treasurer and Managers of the separate clubs shall be submitted on or before the last day of April, and the elections shall be made from those names which receive the written ratification of the Advisory Committee.

Sec. 3. The General Manager shall hold a fair and impartial tryout of candidates for these positions, and shall make a detailed report thereon to the Executive Committee on demand.

Sec. 4. The leader of each Club shall be elected by ballot by the members of that club at the annual meeting in May, a majority of those present being necessary for choice.

Sec. 5. No officer shall be elected for a longer term than one year.

The Nickel Plate Railroad has given a considerable amount of railroad equipment for use in the Civil Engineering Department. This track is to be placed in the open space back of the grandstand. Here the Civils will be given practical work in the laying out of curves, and Signal Engineering.—The Case Tech.

The University of Michigan has gone forty-four innings now without being scored on.

SATURDAY LECTURE
TICKETS GOING FAST

Students Showing Interest in Talk on Canal and San Francisco.

Tickets for Saturday night's lecture are going very rapidly. About four hundred are left for students and for the general public. These may still be obtained at the Cage, Monthly office, or the information desk in Rogers. No admission is charged in any way, and the officers of the Technology Monthly, who are offering the lecture, expect a large crowd of Tech men and their friends to be on hand at Huntington Hall.

The talk, which is to be illustrated with about three hundred colored slides, will start at eight o'clock and last for an hour or hour and a half. The lecturer, Mr. Lick, is from the Pacific Coast, and he will present the latest pictures of both the Panama Canal and the San Francisco Fair. He has just received a new set of pictures from Panama, showing the latest developments along that great new international highway. The Exposition officials also forward their latest photographs to Mr. Lick and these will all be shown in the lecture. He will also show pictures of some of the Oriental countries, whose trade will be vitally affected by the opening of the Canal.

FACULTY NOTICE
 By applying to 16 Rogers Seniors may obtain any papers written by them which are now in charge of the English Department.

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