

THE TECH

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PRICE ONE CENT

CHEMISTRY SOCIETY MEETS IN THE UNION

Record-Breaking Attendance Vice-President Resigns Dr. Talbot Speaks

The first regular meeting of the Chemical Society was called to order at 8 o'clock last night. The attendance was most gratifying, for over fifty men were present. G. P. Lunt, president of the society was in charge, and first asked the secretary to read the record of the last meeting. This was done and the report was accepted.

The treasurer then made his report and informed the members present that the balance from last year amounted to four dollars. The dues this year will be 50 cents a man. President Lunt then read a communication from Dudley Clapp, stating that, because of his connection with the Tech Show, he would be unable to hold the position of vice-president for the coming year. He therefore tendered his resignation. This was accepted and nominations were called for. Bichnell, course X, and Gegenheimer, course V, both of 1910, were nominated and the former was elected.

The president then read a letter from W. S. Rodman, course VI, in which he said that the Elec. Eng. Record, Elec. Eng. World and Elec. Eng. Journal will be offered to members of Chemistry Society at a discount. The regular price is \$3.00 and the discount price will be \$2.50. In addition to this, the remaining copies for this year will be sent free of charge to all who subscribe to to any one of the above named publications.

Dr. Talbot, the speaker of the evening, was introduced by President Lunt. Dr. Talbot's talk proved most interesting. He first welcomed the new members and spoke of the pleasure that the large attendance afforded him. He urged all present to keep up the good work; for in the course of the year many interesting addresses would be made by prominent men. He also mentioned the advantages to be gained by joining or at least attending meetings of the Northeastern Section of the American Chemical Society.

Then turning to the main subject of his talk, "The Chemistry of Commerce," Dr. Talbot mentioned a book of similar title written by Prof. Duncan of Kansas. Throughout his speech he quoted and read many extracts from this book. He spoke very highly of it and emphasized the fact that, although written in a popular style, still was scientifically instructive and interesting.

In his book, Prof. Duncan complains of the inefficient way in which manufacturing plants are run nowadays. He struck a blow at untrue advertising and the shortsightedness of men in office. He also criticized the lack of patience on the part of American manufacturers, and said that in this respect they compared most unfavorably with the Germans.

Dr. Talbot read through the titles of the chapters and read some few pages on catalysis. He spoke particularly of catalysis and catalytic agents in glass making, also in chlorine, sulphuric acid and indigo manufacture. The manufacturers of glass are very foolish in their prejudice against chemical research in their industries. Dr. Talbot quoted from Prof. Duncan's book, in which the latter gives various examples of the bad judgment with which certain glass men run their factories.

In closing Dr. Talbot urged the men to aid in the fight for more efficient work and emphasized the fact that if the United States wishes to keep pace with Germany, she must do away with all prejudice and tradition harmful to her manufacturing industries.

TECH TO TAKE PART AT 1915 EXPOSITION

Wellesley Girls And Tech Men In Moving Pictures And Tableaux

The Institute is to be represented in numerous ways at the 1915 Exposition, which is to open November 1st, in the old Art Museum building. Prof. C. F. Park is in charge of the M. I. T. exhibit, and is very busy in preparing the best possible exhibition. It is expected that Prof. Park will soon give out detailed information.

Many of the undergraduates, however, are now aiding in the development of a series of moving pictures to be given during the exposition. This work is under the direction of Dr. J. H. Denison, pastor of the Central Congregational Church, and a director of the 1915 Exposition.

There will be about four films, and these are to be taken by a New York firm today. The cost will be approximately twelve hundred dollars. The series are intended to show the part which the church has had in charitable and educational institutions.

The parts are being taken by Institute men and Wellesley girls. Rehearsals have been held for the last few weeks and every thing is in readiness for the taking of the films. Some of the leading parts are being taken by R. H. Allen 1909, C. J. Belden 1909, Maurice Scharff 1909, and Dudley Clapp 1910.

Other Tech men in the pictures are R. H. Ranger 1911, J. I. Murray 1912, John Ahlers 1910, F. D. Stewart 1910, H. C. Davis 1911, H. W. Hall 1912, H. S. Buchard 1913, R. M. Lowe 1912, J. S. Selfridge 1912, R. A. Smead 1910, and P. M. Tyler 1912.

METALLURGICAL LAB.

Seniors Perform Interesting But Difficult Work

Ore smelting in full operation is being carried on in the laboratories of the department of mining engineering in the basement of Rogers building, where senior students are working under conditions analogous to those at a commercial plant.

Under the direction of Prof. Heinrich O. Hofman, a blast furnace is run on copper-matte (the students working in two shifts), on Tuesday, one going on from 8:30 to 12:30, the relief taking the work up to 4:30 in the afternoon. Six men work on each shift in the capacity of weigher, feeder, head tapper, assistant tapper, slag man, and general assistant.

The heat of the laboratory is intense with the furnace blowing, but the men enter into the work with great enthusiasm. The duty of the feeder especially is trying as he stokes the hot fire. After the ore is treated in the blast furnace, it is refined and tested in the other laboratories, under the direction of Prof. Robert H. Richards and Prof. Edward E. Bugbee.

In order that all the men will get the actual experience the make up of the shifts on the different stages of the operation is to be changed each day.

Kidder, Peabody & Co. contributed \$5,000 to the Y. M. C. A. building campaign yesterday. The day's receipts netted \$25,512, making the total, up to date, \$309,306.

1912 RELAY WINS FROM ENGLISH HIGH

Eighteen Men From Each School Fight Hard Race At Tech Field

With the best of weather and temperature favorable, the 1912 relay team had an excellent opportunity to show their mettle against the speedy men from English High, yesterday afternoon, at the Field in Brookline.

The sophomores did not, however, live up to expectations entirely, although beating the Boston school team, the time made was very bad considering the proximity to Field Day. Poor passing of the flag was very noticeable, although this defect was partly offset by the poor touching off of the English High men who did not have to bother with passing the flag.

The race was really one of twelve men against twelve, but it was lengthened by letting six substitutes of each team finish, thus making it a race of two eighteen men relays.

The time made by 1913 was only 5 minutes and 10 seconds. Comparing this with the record for the class relay race it is not very good. The record for this and the mile and a half, with a twelve man relay is 5 minutes flat. This 10 seconds would put the team at least twenty-five yards behind, which is a large distance to make up.

The Tech men were slow in getting out to the field, and it was about 4:45 before Coach Kanaly fired the starting gun, and L. B. Walker started against J. A. Graham of English High for first relay. Walker got off the mark at the click of the pistol and immediately took the pole, as the class team started on the outside.

When Walker passed to E. Mangan, he had a lead of five yards over his opponent, who touched off C. Cleary. Mangan ran well and increased Walker's lead to ten yards. In passing the flag to S. E. Reed, Mangan made a slip and a poor pass was the result. Cleary gave his man, A. Marcus, a good send off and succeeded in holding Reed down to a lead of ten yards. C. L. Gabriel next started off against G. Swift of the Back Bay school who, not living up to his name, gave Gabriel a chance to pull the sophomores lead up to twenty yards. Gabriel passed the flag to V. W. Allen of the 1912 team. Allen ran a good race and gained over 5 yards on his man, H. J. Lynch, giving the class team a lead of 25 yards. Allen passed the flag to H. S. Tirrell. Tirrell showed up well, being a new man, he did remarkable work in gaining fifteen yards on A. Marchella of the Boston team. Tirrell, however, made a bad pass to S. H. Seelye who could only gain enough to maintain 1912 lead of 40 yards. Seelye ran against L. Hynes.

The next man to run for 1912 was W. M. Geer, who comes from Syracuse. Geer gained twenty yards on E. H. Newcomb and gave H. G. Greenleaf the advantage of a 60 yard lead over his opponent, L. S. Hall. Greenleaf made a fine showing and gained fifteen more yards for the 1912 team. In passing, L. B. Duke, the next man, fumbled, by changing the hand to receive the flag at the last moment and upsetting Greenleaf's plans to pass it on the right side. However, Duke made up for his fumble by gaining five yards on G. A. Allen, and passed the flag to F. J. Shepard who, taking the advantage of a very bad send off A. T. Cullane got from his team mate, increased the class team's lead to 105 yards. Shepard passed to M. A. Oettinger, who ran against G. E. Read. Oettinger gained 15 yards on his

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FIELD DAY NIGHT AT THE COLONIAL

Arrangements Completed To See Elsie Janis In The "Fair Co-Ed"

The best show in Boston. So thinks the sophomore class, who, through its theatre committee, have completed all arrangements for the biggest, breeziest and grandest Tech Night since history has been recorded. Elsie Janis in "The Fair Co-ed," at the Colonial theatre will be the center of attraction on Field Day evening, Nov. 5th. "The Fair Co-ed" is a musical comedy by George Ade. The music took New York by storm, and the attraction was given one of the biggest runs in theatrical history. Elsie Janis is known to all Boston theatre goers. In her new vehicle, "The Fair Co-ed," she displays all her original ability and mannerisms.

George Ade, whose "College Widow" proved his accurate knowledge of student life, is the author of "The Fair Co-ed," and Gustav Luders, composer of the music of "The Prince of Pilsen" and numerous other comedies, has contributed the score.

The 1912 Theatre Committee has prepared to handle the big demand of seat applications as follows: An exchange ticket will be sold by the 1912 Theatre Committee, made up of D. E. Bent, H. D. Kemp and E. B. Moore, and from representatives in the different courses and classes. The freshmen will occupy their usual position in the first balcony. Seniors and juniors will be given choice of seats on the left and right of the orchestra.

The tickets will go on sale Wednesday afternoon. These tickets are void at the theatre and must be exchanged for regular Colonial theatre tickets. Positively no tickets will be exchanged at box office in the theatre.

Colonial theatre tickets can be obtained at the Union, Wednesday, Nov. 3; Thursday, Nov. 4, and until noon; Friday, Nov. 5. Full instructions will be found on the ticket.

The sophomore and freshmen classes are extra large this year and although it will be the aim of the committee to try and accommodate everybody who desires seats, those who get their tickets first will obtain the best positions.

NAVAL MEETING

Sophomores Elected Members Committees Appointed

At the meeting of the Naval Engineering Society yesterday afternoon, the sophomores who are taking course XIII were admitted to membership. It is planned to hold a smoker during the week of Nov. 8th, to which the second year men of the course will be invited, so that they can meet the older members of the society.

Two committees were appointed by the chair, one a committee on entertainment, consisting of the president, G. G. Holbrook 1910, B. T. Bien 1910, and S. H. Cornell 1911. The other committee consists of T. B. Chayman 1910, chairman; F. B. Sargent 1910, N. G. Herreshoff 1912, and will select speakers to appear before the society during the year.

The long play of the Harvard Dramatic Club will be given on December 7, 9 and 11.