

THE TECH

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PRICE THREE CENTS

M. I. T. WORK ON SEWAGE.

Papers Recently Published by Order of Congress.

The investigations of the purification of Boston sewage made in the Sanitary Research Laboratory, and Sewage Experiment Station of the Institute have been published as a public document by order of Congress. It contains a history of the sewage-disposal problem by A. Winslow and Earle B. Phelps.

The introduction is by Prof. W. T. Sedgwick, who tells of the establishment of the experimental station on the main trunk sewer of the south metropolitan system of the city. The volume just published contains a careful and elaborate historical review of the whole sewage disposal problem from its origin in the wide adoption of the water carriage system up to the present time, when that system has become almost universal. Then follows a detailed description of the experiments thus far made on the sewage of this city with comparisons with similar work done elsewhere. The report covers the work done from 1903 to 1905 and it is pointed out that that it is by no means final. Should it ever become necessary to purify the sewage of Greater Boston before discharging it into the waters of the harbor, Prof. Sedgwick believes that these studies will prove of practical local value in proportion to their cost.

Applications for copies of this report should be addressed to the Director of the U. S. Geological Survey, Washington, D. C.

OHIO CLUB DINNER.

The Ohio State Club held its regular monthly dinner Wednesday evening at the Union. A large number of men were present, and all enjoyed the informal affair. The table was tastefully decorated in green and white.

The purpose of the Ohio Club is to promote good-fellowship and to bring together the men from that state for a social time. The membership is thirty. Officers for the year have been elected as follows; president, S. R. Miller '07; vice-president, M. E. Allen '08; secretary, N. Ransohoff '10; treasurer, W. D. Spengler '08. Plans were discussed for the next meeting at which important business will be transacted.

TEXAS CLUB MEETING.

The first meeting of the Texas men for this year was held on Monday evening at 7.30 in 16 Rogers. A goodly number turned out and after some informal speaking H. G. Pastoriza was elected President, and F. M. Heidelberg Secretary-Treasurer. Futuresocial gatherings were discussed and the club adjourned to meet again on February 8.

It was decided to hold a dinner for Texans on the Texas holiday, March 2. This has usually been observed in the past, and the club wishes to keep up the custom. There was some talk of entertaining the Kommers on this evening, but this fell through, the club fearing that its efforts might not be appreciated by students from the Eastern states.

DEFEAT AT PROVIDENCE.

Brown Defeats Tech at Basketball by a Score of 26 to 17.

Brown defeated Technology on Wednesday evening at Providence, by a score of 26 to 17. While it was only the second game of the Brown players, they had been training hard, and Tech's woeful lack of practice made a discouraging contrast. The playing was fast but Brown's blocking was far the better. The score at the end of the first half was 15 to 11 in favor of Brown. In the second period Tech weakened, and the home team increased its lead to nine points. Technology was handicapped by the absence of Wentworth, who is out of the game with a bad knee.

BROWN.	M. I. T.
Pryor, l.f.	r.f., Bitler
Ladd (Hallborg, Denton), r.f.	l.f. Kinnear
Elrod, c.	c., Pierce
Schwartz, l.g.	r.g., Campbell
Dickinson, r.g.	l.g., Nichols

Score—Brown 26, M. I. T. 17. Goals from floor—Pryor 5, Schwartz 5, Dickinson, Bitler 2, Kinnear 2, Pierce 2, Campbell, Nichols. Goals from fouls—Pryor 4, Kinnear. Referee—McAdams. Time—20-minute halves.

BASKETBALL TEAM'S TRIP.

During the mid-winter vacation the Basketball team will make a trip to New York for a series of games. This is the first time that a Technology team has ever made an extended trip of this kind and its success will be watched with a great deal of interest. The team will leave Boston on Wednesday, Jan. 30. On the following evening, a game will be played with the Brooklyn Polytechnic Institute at Brooklyn. Friday evening, the New York University Law School will be met in New York, and West Point at West Point at three o'clock Saturday, the same afternoon that the Hockey Team is scheduled to play at West Point.

Manager Whitmore will take six men besides Coach Schonthal and himself. The men are Capt. Kinnear, Nichols, '09, Bitler, '08, Pierce, '08, Campbell, '06, and one other not yet decided upon. Although the men have won only one of the four games played this season, they are playing a strong, fast game and without any serious accidents should make themselves heard from on this trip.

ARCHITECTS COMPETITION.

Two ten dollar prizes have kept the third year architects moving at record speed this week. The annual design competition for third year men inaugurated by the architects of the class of 1904 started Monday and will finish tomorrow afternoon. The 1904 architects when they graduated agreed to furnish a dollar a piece each year as a fund to give two ten dollar prizes to the third year men each year. One prize goes to the regulars and one to the specials.

The top of Mt. Vesuvius is covered with snow, and it is feared that when it melts torrents of mud will roll down the side of the volcano and devastate the country at the base.

HARVARD VICTORIOUS.

Technology Hockey Team no Match for Cambridge Players.

Harvard defeated Technology in hockey yesterday afternoon by the score of 3 to 0, on the Brae Burn County Club rink at West Newton. The team work of the Cambridge men was more finished than that of Tech, and in consequence, their forwards were able to keep the puck in Tech's territory a large part of the game. Technology put up a strong defensive game, its points and gold-tend doing well to prevent more than three goals.

LOWELL INSTITUTE.

The first lecture of the course was given on Tuesday, January 8, at 8 P.M. in Huntington Hall by Professor George Woodbury, formerly of Columbia University. The subject of the course as a whole is "Poetic Energy," and Professor Woodbury defined the meaning of the term at this first meeting. In all, eight lectures will be given, the subjects of the other seven being as follows: Marlowe, Camoens, Byron, Gray, Tasso, Lucretius, and finally Inspiration. The lectures will be delivered each week.

REV. STOCKDALE ON "FAITH."

At the noon meeting of the Tech Y. M. C. A. held yesterday in the Parish Hall of Trinity Church, Rev. A. A. Stockdale gave his last talk on New Testament words, that, on "Faith." Faith is one's willingness and readiness to risk the character of God. On this basis the honest, sincere man of everyday life will succeed. The happiest man in the world is that one who can risk his fortune, his position, his all, for the sake of living in co-operation with the Infinite power. But the man who has faith must not let it lie dormant: "faith without works is dead."

No meetings of the Y. M. C. A. will be held during the mid-year exams, but on the first Thursday after vacation Mr. Dennison will begin a series of three talks.

ROUND TABLE ELECTION.

The following men have been elected to the Round Table. Keeney '09, Dickerman '09, Kurtzman '09, Frost '09, F. B. Avery '10, N. S. Seeley '10, F. S. Arend '10, Glazier '10, H. Lockett '10, F. Hinds '10.

The arrangements for the mass meeting of the Associated Western Yale Clubs to be held in Cincinnati O., are now being completed. The date has definitely been set for April 27, this being the result of a recent conference between President Arthur T. Hadley and Secretary William H. Taft.

The women students at Berkeley University began early in December to make out their boat crews and to practice for the interclass races, and if possible will compete with the women students at Stanford University in intercollegiate races.

CALENDAR.

FRIDAY, JANUARY 11.

1.00 P.M. Senior Class Meeting in Huntington Hall.
4.00 P.M. Mandolin Club Rehearsal in 31 Rogers.
4.10 P.M. Prof. Derr's Lecture on Color Photography in 22 Walker.
4.15 P.M. Glee Club Rehearsal at the Union.

SATURDAY, JANUARY 12.

1.00 P.M. Exercises for Seniors and Juniors close.

TUESDAY, JANUARY 15.

Exams begin.

8.00 P.M. Sixth Evening of the Season of the Technology Club.

THURSDAY, JANUARY 17.

4.00 P.M. Sophomore Exercises close.

SATURDAY, JANUARY 19.

1.00 P.M. Freshman Exercises close.

THURSDAY, JANUARY 31.

8.00 P.M. Basket Ball, Tech vs. Brooklyn Polytech at Brooklyn.

FRIDAY, FEBRUARY 1.

8.00 P.M. Basket Ball, Tech vs. New York University Law School at New York.

SATURDAY, FEBRUARY 2.

3.00 P.M. Basket Ball, Tech vs. West Point at West Point.

3.00 P.M. Hockey, Tech vs. West Point at West Point.

TUESDAY, FEBRUARY 5.

9.00 A.M. Second Term Begins.

FACULTY NOTICES.

Second Year, Course X.—The Saturday exercise in Differential Calculus will be held in 11 Rogers.

First Year.—The examination in Entrance Solid Geometry is transferred from Monday afternoon to Monday morning, Jan. 21, 9 to 11, in 36 Rogers.

Second Year.—The examination in General Geology is transferred from Thursday, Jan. 24, to Wednesday, Jan. 23, at 9 o'clock, in 10 and 11 Pierce.

Second Year.—The special examination in Descriptive Geometry 107 scheduled for Jan. 21 will be omitted, and the class in the subject will meet for an examination, at the time appointed for the regular examination Jan. 23, in 33 Rogers. Provision for Descriptive Geometry 100 will be made on Jan. 26 at the same time that the special examination is held in Descriptive Geometry 101.

First Year.—First year students are expected to take at the end of the present term all entrance examinations in which they have not already clear records, with the following exceptions:

1. Special students taking no work dependent on such entrance subjects. Such students if they desire to become regular may take remaining entrance examinations in June or September, this applying particularly to entrance French, German, and Physics.

2. Students who are now making up entrance French and German by taking the elementary course.

3. Students entitled to excuse from particular entrance conditions on the basis of good term work. This applies to conditions in entrance Algebra, English, French, German, and Plane Geometry, and students will be notified if excuse can be given.