

THE TECH

VOL. XXIX. NO. 156.

BOSTON, MASS., FRIDAY, MAY 6, 1910

PRICE ONE CENT

ANNUAL BANQUET OF C. E. SOCIETY A GREAT SUCCESS

Large Gathering Hear Interesting Talks By Graduates And Prominent Men

With a most enjoyable and well attended banquet the Civil Engineering Society last evening closed what has been one of the most successful years in its history. The banquet was held at the American House and with four entertaining speakers and the Tech orchestra to furnish the music, a very pleasant evening was passed. As a part of the musical program, G. F. Maglott 1910 sang "I got an F in my Physics, etc." which gained such popularity at the recent Biological dinner. President Waller acted as toastmaster.

The new Civil Engineering Summer School was the subject taken by Professor Spofford who was the first speaker on the program. Prof. Spofford pointed out that in the early days of the Institute the land in Back Bay was built up very little, so that there was abundant room near by for all necessary field work on surveying. With the growth of the city however, it has been necessary to hold the field work farther and farther out in the suburbs, with the consequent serious loss of time and proper facilities. This is all the more troublesome now when, with the development of the structural branch of Civil Engineering, less time is available for the surveying courses. Besides this is the fact that men coming to Tech from other colleges who are necessarily irregular in their work, find it hard to arrange their schedules to obtain a whole day per week, which is necessary for field work, it sometimes being necessary for them to stay an extra year on this account.

Definite plans have not been drawn up as yet, but it is the intention to have all the Surveying, Railroad Engineering and Hydraulic field work performed during the summer at some camp, especially provided for the purpose, where the required facilities may be provided. No location has been selected as yet, but it is probable that it will be in Maine near some river where Hydraulic measurements may be carried on.

Professor Spofford spoke particularly of the advantages of a camp of this kind from the point of view of the student. The men can be brought in closer relation to each other at a place like this than is possible in the class room and lasting friendships are formed.

Besides, it would not be "all work and no play," but the fellows could enjoy themselves to some extent, the same as at any summer camp.

It is not known how soon the plans can be perfected and the scheme carried out, as no appropriation has been made as yet.

Mr. Lucius Tuttle, President of the Boston and Maine R. R., was the next speaker. He said in part: "No doubt all of you have in mind some man as an ideal of a hero, Alexander, Caesar, Napoleon or Wellington. But I do not consider any man as a hero who benefits his country by treading down others. My idea of a hero is one who benefits the whole world through science, such as the science of medicine. Such a man is that great Frenchman, Louis Pasteur."

Then Mr. Tuttle gave a life history of Pasteur, showing the marvellous achievements of this man in bacteriology and medicine. Pasteur came from peasant ancestry, but received a good education from his father, who had been an officer under Napoleon. He early showed remarkable ability in original

(Continued on page 2.)

TECH COMPETES WITH WESLEYAN IN DUAL TRACK MEET

Middletown Team Is Favorite But Results Will Probably Be Close

Twenty-two Technology athletes start Saturday morning at 8.20 from the Back Bay station for Middletown, Conn., there to compete with Wesleyan University in a dual track meet.

This is Tech's first and only dual track meet this year. Last week Williams tied Wesleyan in their first meet by the score of 63 to 63. Tomorrow's contest will be very close with slight odds in favor of Wesleyan.

Wesleyan will no doubt take the dashes, Robeson, Hastings and Wood being star men in these events. Robeson should easily carry off first place in both the 100-yd. and 220-yd. dashes. Trull, the Technology freshman track captain should take a place in the century sprint, but he will have to fight hard to take second place from Hastings of Wesleyan. Salisbury 1911 and Wood of Wesleyan will be favorites for second place in the 220-yd. run. Gould 1911 should also show up well in this event. Wood, who did the quarter in about 51 seconds in the Williams-Wesleyan meet, should win the 440-yd. run tomorrow, with Salisbury and Gould following him closely.

All the distance runs should go to Tech, White 1911 winning the half-mile, Mills 1911 capturing the mile and Watkins 1912 taking first in the two-mile. Schlee of Wesleyan is picked for a place in the 880-yd. run, but Bylund 1913 and Sampson 1913 should give him a tussle for it. Germain 1913 will probably give Harris or Thompson of the Middletown team a very close run for second place in the mile. Connor will probably carry off second honors in the two-mile while Earl Ferry 1912 will surely capture third.

Pead 1910 should take either first or second in the high hurdles, but he will have to do his best to defeat Wendell, who was second in the Williams meet. Captain Bacon of Wesleyan should take third in this event. First place in the 220-yd. hurdles will also go to Capt. Bacon, but Tech should take the other places with either Capt. Allen, Cummings 1910 or Pead 1910.

Dalrymple 1912 is billed to take first in the high jump, but the other two places will probably be captured by Wesleyan. Wright and Sutherland, both being able to do 5 ft. 5 in. Alvord 1912 might place however. W. D. Allen 1911 should easily win the pole-vault; Boyd will probably take second, and Greenleaf 1912 has a good chance for last place. Hanna of Wesleyan will no doubt capture the broad jump with Capt. Allen and Greenleaf 1912 of Tech taking the other places in the order named.

Wesleyan will take the majority of the points in the weight events. Parkinson can easily take the shot-put and Hanna may be depended upon to win first place in the discus throw. Chamberlain 1911 should take second in the shot and third in the hammer and discus throws. Bray 1912 should take first honors in the hammer with Bernhard second. McLeod 1913 is good for second in the discus throw.

Following are the Technology entries:

100-yd. dash—C. E. Trull 1913, J. J. Strachan 1913 or H. G. Burnham 1913
220-yd. dash—W. C. Salisbury 1911, R. H. Gould 1911, C. E. Trull 1913, M. A. Oettinger 1912.
440-yd. dash—W. C. Salisbury 1911, R. H. Gould 1911, H. Lockett 1911.
880-yd. run—P. D. White 1911, R. S. Sampson 1913, W. R. Bylund 1913.

Mile-run.—L. O. Mills 1911, E. B. Germain 1913, R. D. VanAlstine 1913.
Two-mile run.—H. G. Watkins 1912, E. E. Ferry 1912, H. S. Benson 1912.
120-yd. hurdles—W. J. Pead 1910, G. B. Cummings 1910.
220-yd. hurdles—W. J. Pead 1910, G. B. Cummings 1910, R. H. Allen 1910.
High jump.—P. W. Dalrymple 1912, R. H. Allen 1910, H. B. Alvord 1912.
Broad jump.—R. H. Allen 1910, H. Greenleaf 1912.
Pole-vault.—W. D. Allen 1911, H. Greenleaf 1912.
Hammer-Shot-put-Discus.—J. L. Bray 1912, O. V. Chamberlain 1911, N. D. McLeod 1913.

Technology will be represented among the officials by E. H. Lorenz 1905, field judge and A. R. Hunter 1905, track judge. Both these men were prominent in athletics while they were in the Institute, being well-known cross-country runners.

FRESHMEN BASEBALL

Captain Severance's baseball team will meet the Mechanic Arts High School nine at Tech Field this afternoon. M. A. H. S. has been playing rather inconsistent ball this season and it looks as though the freshmen would be able to trim them. The same men who played in the game against the Sophs will probably be in the line-up today.

COMMUNICATION

To the Editor of The Tech:—A lot of the fellows seem disappointed at the rejection of the honor system idea. They tell of the marvelous advantages that would have been reaped by Technology students.

Since we are not to have the honor system here in a formal way, why not have it here in spirit—which is the main thing after all. Why not begin by seeing that no more magazines disappear from the Union? Then why not see that the late unpleasantness which the Prom Committee experienced is fixed up? Last, but not least, why not redeem that red blank you signed, engaging to buy a copy of "Technique 1911"? Leaving aside the question of honoring your own signature, can't we muster enough school spirit to help one of the important student activities after twenty of the fellows have put nearly a year of work on it?

Here's the whole thing: Are we to ACT the honor system and redeem our pledges, or allow the members of the Technique Board to pay \$300.00 out of their own pockets for books, which are covered by students' pledges, after they have done their share of work on book already?

C. S. ANDERSON.

The number of undergraduates registered in the correspondence course at Wisconsin has increased from 72 in 1907 to 3,895 this year.

The trustees of the Rhodes scholarships have issued a statement showing that 179 men were recipients of Rhodes honors last year. Of this number 90 were from the United States, 78 from the British Colonies, and 11 from Germany.

CHEMICAL SOCIETY NOMINATES OFFICERS

Dr. Warren K. Lewis Speaks On The Processes Of Tanning Leather

The talk which was given before the Chemical Society last night was particularly good because Dr. Lewis made it a point to give his own ideas and the opinions which he had formed for himself since leaving Tech, instead of repeating the thoughts of other people.

The meeting was called to order at 8.15 by President Lunt, and nominations for officers for the next term were called for. The following men were nominated:

For President, R. W. Lewis 1911, C. R. Johnson 1911 and S. H. Lawton 1911. For Vice-President, W. C. Wilson 1911, and S. L. Hayes 1911. For Secretary, L. M. White 1911, and J. R. Bell 1911.

For Treasurer, R. L. Comstock 1912, and B. Torrey, Jr., 1912.

For Executive Committee, N. Duffett 1911, and E. M. Symmes 1911.

Dr. Warren K. Lewis 1905 was introduced by Pres. Lunt as the speaker of the evening. Dr. Lewis is chemist for W. H. McElwain Co., one of the largest firms of tanners in New England. The subject of Dr. Lewis' lecture was "Tanning."

He began by pointing out to the men the fact that a man usually does his best work if he engages in the line in which he is particularly interested. He further said that the opportunities for chemists of the right sort in the leather business were very large because most of the chemical problems, either of the tanning methods or of the analytical procedure, are at present unsolved.

The process of preparing a piece of leather was then outlined. The skin is removed from the animal and comes to the tanner in its wet condition, called "green hide," or dried. It is soaked in water for a considerable length of time and then milled to make it flexible. The bits of flesh adhering to it are then removed, either by hand or machinery, and next the hair is removed from the hide. This may be done by one of three methods: (1) by soaking in lime and sulfid water long enough to loosen the hair, and then removing it mechanically; (2) by dissolving the hair in a strong lime and sulfid bath; (3) by allowing the hides to putrefy long enough to loosen the hair, and then removing.

The hides are then soaked in an acid bath, and put into the tan liquor. The usual tan liquor is either a solution of tannic acid extracted from oak or similar bark, or a solution of sodium chromate. The tanning substance combines with the hide fibre to form the insoluble substance called leather. In the old days hides were tanned for many months, sometimes even for several years, but today the American tanner completes the whole process in from two to four months.

(Continued on page 3.)

CALENDAR.

Friday, May 6.

3.00 1913 M. A. H. S. Baseball, Tech Field.
4:30 P. M.—Technique 1912 Board Meeting.

6:30 P. M.—New York State Club, dinner and election of officers, Lombardy Inn.

Saturday, May 7.

12.00 1912, Dean Baseball, Meet in Union.

2.00 Tech-Wesleyan Meet, Middletown.