

THE TECH

DAILY

VOL. XXIX. NO. 28.

BOSTON, MASS., SATURDAY, OCTOBER 30, 1909

PRICE ONE CENT

JUNIORS ELECT COPELAND PRESIDENT

Men Prominent In Class And Athletics Chosen For Officers

S. B. Copeland was yesterday elected president of the junior class. He has been connected with many activities, having been on the tug-of-war in his freshman year and again as captain the next year. As class officer he was in his first year on the theatre and auditing committees, and last year treasurer and a member of the Technique electoral board.

The other officers are: L. C. Cooley, vice-president; O. B. Denison, secretary; E. A. Nash, treasurer; M. A. Grossman, clerk; L. G. Fitzherbert and I. W. Wilson, executive committee; J. C. Fuller and C. P. Kerr, Institute Committee; and W. D. Allen, C. P. Eldred, R. H. Gould, J. D. MacKenzie and C. H. S. Merrill, athletic association.

L. C. Cooley was manager of his class relay team both years, and in his second year also on the executive and Technique electoral committees, and at present is athletic editor of Technique 1911, and on the Union committee.

O. B. Denison in his first two years was in the chorus of the Tech Show and wrote much of its music, besides being an associate editor of The Tech, and on Technique electoral committee.

E. A. Nash, after being on his freshman tug-of-war, was in the Show chorus and Technique electoral committee the second year.

Of the other men, Grossman has been two years in Show and tug-of-war, Fitzherbert has been on the athletic committee, football team and Show; I. W. Wilson is business manager of the Tech Show; J. C. Fuller has been a dancer and of the Show chorus and Technique electoral committee and C. P. Kerr was on the relay team and in the Show his freshman year, and in the next year was again in the chorus of the Tech Show, and a member of the Glee Club and Technique electoral committee.

1912 RELAY TRIALS

Only Twelve Men Picked--Ties To Be Run Off Monday

With a stiff wind blowing on their backs, twenty-two men ran yesterday afternoon for places on the 1912 relay team. Although the wind was on their back, the day was so cold that very poor times were made.

The men ran close and all the times were within two seconds of each other. As this was the case, no very definite team could be picked. Next Monday several men will run off ties to qualify for the last two places and the team.

The twelve who were picked yesterday were: L. B. Walker, E. Managan, S. E. Reed, S. H. Seelye, W. M. Gere, H. G. Greenleaf, L. B. Duke, F. J. Shepard, M. A. Oettinger, J. I. Murray, A. R. Freedman and H. R. Fox.

EICHORN FOOTBALL CAPT.

At a meeting of the freshmen football team yesterday afternoon, William N. Eichorn was elected captain. Before entering the Institute he was on the Roxbury Latin football team, crew and track team. On the latter, entered the shot-put and the relays.

ADVANCED COURSES IN MODERN LANGUAGES

Lectures On Gothic Architecture Given In French By Mr. Dike

Many of the more advanced courses offered in modern languages at the Institute are elective rather than required. This makes the arrangement of the work of this department a rather difficult task, as the hours of recitation have to be made to conform to the free hours of the students. A longer time than usual has been required this year in getting straightened out, but everything seems at last to be in working order.

Seven students have registered for elementary Italian. This is at present the only course offered in Italian, as interest in this subject seems to be comparatively slight.

There is opportunity for a much more advanced study of Spanish, however, which is taken advantage of by the students. The work in this subject covers three years, comprising courses of elementary, intermediate and advanced nature. The intermediate and advanced courses were formerly required in course NIIIA, but this requirement is no longer in force. The result is that very few students are now taking Spanish, eight being registered in the elementary course, four in the intermediate, and only two in the advanced.

The courses in advanced French and advanced German are very similar. In each subject there are two regular courses requiring outside preparation, IIIA and IIIB, the former extending throughout the entire year and the latter, which is an abridgement of the former extending through the first term only. In addition to these are the courses in French Colloquium and German Colloquium, for which there is no outside preparation. One of the IIIB courses are required of students in course VI, each man further pursuing the study of the language he took in his freshman year. The registration in French IIIB is thirty-two and that in German IIIB forty. In the other courses the registration is naturally much smaller, that in French IIIA being eight, in French Colloquium seventeen, in German IIIA twelve, and in German Colloquium twenty-seven.

In addition to these regular language courses, Mr. Dike is conducting a series of lectures in French on Gothic Architecture. For this there are fourteen students registered.

WEST ROXBURY COURSE

Every Man Urged To Run And Learn Eight-Mile Course

The cross-country men will hold a hare and hound chase over the West Roxbury course this afternoon. Every man who has the least ability as a runner is urged to participate, because this is a good chance to get acquainted with the eight mile course over which the handicap race is held, after the intercollegiate field day. There are three fine cups donated by former cross-country men, for first, second and third prizes. These cups are worth any man's effort.

The regular team candidates will have their work elsewhere, so that a squad can be formed with an easy pace.

The team will leave the Back Bay station at 2:22 P. M.

Brooklyn, N. Y. is to have a new \$15,000,000 subway.

TECHNOLOGY PROMINENT IN 1915 EXPOSITION

Mechanical And Electrical Laboratories Will Be Great Feature

In the Boston 1915 Exposition which opens Monday in the old Art Museum building, Technology will have a place, not the largest in size, but however larger than any other educational institution.

The work of the Institute will be illustrated by enlarged photographs of buildings and equipment. Charts will be exhibited showing the growth of the place in 25 years, in property, equipment, floor space and in faculty. There will also be table exhibits of apparatus and results of research work, students work and thesis drawings. There will always be an Institute graduate in attendance.

As part of the exposition, the Mechanical Engineering laboratories in Engineering and Pierce buildings and the Electrical Engineering laboratory in the Lowell building will be open two nights of each week. Some of the apparatus will be in operation and tests be run on a number of machines. Admittance to this will be by tickets give out at the exhibit space in room No. 23 of the main floor. A number of instructors will be in the laboratories to explain apparatus or conducting tests. At the same time a number of students will act as guides to conduct visitors through the several rooms.

The exhibit is in charge of Prof. Charles F. Park, chairman; Dean Alfred E. Burton and Prof. Harry W. Gardner.

The committee aim by the exhibit in the old Art Museum and the live exhibit in the laboratories to make a showing which will be interesting and impressive. It is hoped that the public may appreciate the possibilities and importance of the work the Institute is doing.

A special circular is being issued for distribution which gives pertinent facts concerning the Institute.

1912 VS. EXETER 20

Exeter Saves Best Men For Andover Games Next Week

The 1912 team is scheduled to play Exeter this afternoon. It became known yesterday that Coach Johnny Glaze is saving his first team for the Andover game, so the second Exeter team will lineup against the sophomores.

In the Newton game on Wednesday, several of the sophomores were injured so that they will not be able to play today. These men are J. Beale, G. Keibon and H. McOsker.

The 1912 lineup will be as follows: J. E. Whittlesey, c.; S. R. Robertson, l. g.; W. Shuttleworth, r. g.; M. J. Kimball, l. t.; W. B. Severson, r. t.; B. Torrey, r. e.; S. R. Robinson, l. e.; W. T. Roberts, l. h.; J. W. Raymond, r. h.; W. C. Barnes, f. b.; A. Eicher, q.

The sophomore team averages about 150 pounds, while Exeter comes closer to 160. The sophs have practised every night this week, but only once have enough men been out to make a scrimmage possible.

The Glee and Mandolin Clubs of the University of Minnesota will hold a minstrel show on the first of December.

SPEAKS ON "BUSINESS CONDITIONS OF TODAY"

Fish Deals With Modern Problems--Capital and Labor Must Unite

Frederick P. Fish, a member of the Institute Corporation, was last night the speaker at the second of the Union entertainments. Mr. Fish took as the subject of his talk, "Modern Business Conditions."

The troubles of today are those settled around business, and the great trouble is the complexity of business conditions. In early times hunting and fishing were the leading activities, then agriculture commenced and with that was the development of the simple arts of working in copper, brass and wood. Each man worked for himself.

The discovery of steam, however, changed these conditions; the factory system was originated and developed; transportation was made cheaper and quicker. But the real potential capacity of steam was not seen till after the Civil War. Then it was that the Union Pacific Railroad was built, electricity was developed in many ways, steamship lines increased, and machinery improved.

These things all lead to the increase of business and especially of manufacturing. To create great industries requires a large amount of capital; to decrease the cost of a product, the quantity must be increased. Competition became great and monopolies sprang into existence. These monopolies were financially backed many times by people who had no interest in the business except the income they received. This led to the gradual separation of employee and employer, the uniting of whom is a problem of today.

Corporations, monopolies or trusts, are self-perpetuating bodies which act as a unit. Although corporations ruined the small dealer by putting him out of business, they have done some good in decreasing the cost of materials. Labor and capital are now entirely out of contact and are each on a cold business basis with the other. The old feeling of friendliness between the two must be regained by the aid of the sensible and reasoning men in both organizations.

Conditions have developed in the last fifty years entirely out of proportion to the development of the people and we must adapt ourselves to the conditions of today in order to make them better.

In closing, Mr. Fish said that Tech men will have opportunity to solve these questions by dealing with them as partisans and by thinking sensibly on the subjects.

1912 CHEER LEADER

Theatre Committee Had To Share Seats With Herrick

At the 1912 class meeting in Huntington Hall yesterday noon, Clarence A. Stewart was unanimously elected cheer leader. He is to choose two assistant and lead cheers at the Field and at the Colonial Theatre in the evening. Stewart has been a member of the Tech Show and of the Glee Club.

H. D. Kemp of the theatre committee reported that as the Colonial was under agreement to furnish seats to Herrick

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