

THE TECH

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PRICE ONE CENT

INSTITUTE PROVIDES EXTENSIVE LIBRARIES

Collections Worth \$182,000 Give Men Fine Reference Facilities

Thirteen libraries containing 86,554 volumes and 23,819 pamphlets and maps, representing an estimated investment of \$182,226.37, are at the disposal of the students at the Institute. Few men realize the exceptional opportunities which these vast collections afford for reference and research. The General Library contains an index of all the books and periodicals owned by the Institute together with Bibliographical dictionaries which list the books and magazine articles on all important subjects whether written in English, French or German. This makes the Institute libraries more complete than those of any other technical school in this country.

The greater part of the books are distributed to the departmental libraries, as are also the various engineering and scientific periodicals. In the case of periodicals which appeal to more than one branch of work like the "Engineering Magazine," several copies are taken and two or more libraries have current files of these publications. This is also true of a few of the general scientific works. An advantage of this system is that if one of these is out, the student may consult the index in the General Library and find where the other copy is located.

In looking for a book, it is desirable to know the name of the author, since all the libraries have complete catalogues of the books under the names of the authors. The Chemical, Engineering, Electrical, and Naval Arch libraries have complete subject catalogues, but the subject lists of the other libraries are not complete. Many books of fiction, drama, and a few others, together with the periodicals, are catalogued by title. In any case look for the card in the Card Catalogue and note the shelf number written in red ink on the upper left hand corner. This number indicates the position of the book on the shelves. In the General Catalogue the name of the Library in which the book is found will be stamped on the upper left hand corner of the card. The books are arranged on the shelves according to the Decimal System employed in most large libraries. A receipt must in all cases be left for books taken from the room.

The General Library in Rogers contains books on English literature, military science, biography, history, education, and kindred subjects together with encyclopedias, dictionaries, and books of reference. Here are found most periodicals of a general character together with the more popular foreign publications in French, German, Italian and Spanish. The librarian's office is in this room and also the cases containing the Card Catalogue. At the right of the desk are found the Bibliographical dictionaries which may be used as a "court of last resort." From these dictionaries it is possible to find out everything which has been published in recent years on any subject both in book form and articles in periodicals.

The Mining Engineering Library in 8 Rogers contains over 5,000 volumes and receives annually 87 periodicals. The Library of Mathematics, 20 Rogers, is accessible to advanced students upon application. This is the only library whose use is restricted. The Library of History and Economics is in 40 Rogers and comprises 14,000 volumes and sev-

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JUNIORS TURN DOWN INSTITUTE COMMITTEE

Both Proposals Of Committee Changed, But Second Rejected

Not content with adopting the suggestion as put forward by the Institute Committee for a constitutional amendment, the class of 1911 at its meeting Monday adopted the following:

"Authority is hereby given the Institute Committee to enforce any measure which it may deem necessary for the administration of undergraduate affairs in so far as they do not conflict with this constitution or other rulings of the class, the class reserving the right to reject any such measures in a regular class meeting."

The second amendment with a suggested change made as were the changes in the first by the class board of directors was as follows: "Every activity elected or appointed by the class shall comply with all the rulings of the Institute Committee as expressed in the above clause except in financial or executive matters." This was turned down by the class largely because of the indefinite character of the measure. In as much as the Constitution requires previous announcement of amendments before any action can be taken further action on the second amendment was declared impossible by Pres. Copeland.

It was announced that in as much as C. P. Kerr, the present representative of the class on the Institute Committee, was over points, that he had resigned and that the next highest man in the election for the position, C. F. Hobson, had been appointed to fill the vacancy.

E. H. S. CLUB DINNER

Club Will Dine In Union To- night At 6.30--Good Program

Tonight at 6.30 in the writing-room of the Union the E. H. S. Club will hold its annual banquet. Mr. Sittenger, the secretary, has made a special effort to arrange an attractive menu, and to make the dinner a general success. Good speakers have been procured, and by arrangement with Steward Colton, beer or ginger ale will be served to those who wish it.

The committee in charge has been very fortunate in procuring speakers. Mr. Walker Humphreys, an E. H. S. alumnus, will be one of the speakers, and Mr. Thomas and Mr. Barrows from English High will be the others. It was hoped that Mr. Lebon and Mr. Tower would be able to attend, but both have been prevented on account of sickness. The committee, however, feels gratified with its success in obtaining the men that it has.

This will be the first social gathering of the club this year, and all loyal E. H. S. men are wanted. Probably plans will be made for another banquet later and other business will be transacted.

Last Friday evening President MacLaurin spoke in Chicago. Mr. Scharff received a telegram from there from Mr. John Frank 1907, and Mr. Harry Hool 1909, saying that plans were being made for a North West Alumni Association. Already \$560 have been raised by subscription for this purpose.

CHRISTIANSEN CHOSEN COSMOPOLITAN LEADER

Foreign Students Start Club For Promotion Of World Citizenship

With five nations represented by the officers, the Cosmopolitan Club of the Massachusetts Institute of Technology began its career last night.

Forty men of various nationalities and interests took their seats when temporary chairman Gorton James 1910, called the meeting to order.

Mr. James called on Dean Burton to give a history of the movement for the foundation of the club at the Institute. The Dean told of the difficulties a stranger has in a foreign country, and pictured the extreme loneliness of "a man in a crowd, who doesn't know any one." He said that a man in a strange country made a great mistake by associating only with his own kind, and that it was to try and remedy these conditions that the club had been started.

The chairman then appointed R. H. Ranger 1911, Dr. W. F. Comstock, and P. Chinchilla 1910, as a nominating committee to submit a list of officers to the club. While they were deliberating, Mr. James introduced Mr. Gupta, a member of the Harvard Cosmopolitan Club.

Mr. Gupta, who comes from British India, told of his experience as a foreigner in a small college in Ohio, and later at Harvard. He said that all racial antagonism and ideas of superiority must be set aside, and that every man should consider it his duty to help the others, and the club, along. Mr. Gupta advised joining the International Association of Cosmopolitan Clubs, as he said that the criticisms directed against that body on the ground of socialism were unjustified.

Mr. Leao, another Harvard man, who claims the Celestial Kingdom as his birthplace, gave an outline of the history and aims of the society across the river. The necessity of providing some entertainment for the members was emphasized by him, and in this line he suggested three very successful institutions at Harvard, namely, "afternoon teas," "beer nights," and "lady tea." Judging by the applause, the two latter will be in high favor at Tech.

Mr. R. F. Goodwin, president of the Senior class, briefly expressed his pleasure at being one of the lucky United States men to be asked, and wished the Club all success. Mr. H. T. Shea 1909, told of the great prospective benefit of the club to the Chinese students.

The nominating committee then reported as follows: For President, Eugene Olaf Christiansen 1910, of the Kingdom of Norway; Vice-President, Manuel Adrian Navarro 1910, of Quito, Ecuador; Second Vice-President, Heenan Finching Shan, of Foochow, China; Secretary-Treasurer, David St. Pierre Gaillard 1911, of Culebra, Canal Zone; Councillors, Alfred Edgar Burton of West Newton, Mass.; Desire Despradelle of France; Gorton James 1910, of Brookline, Mass. These officers were unanimously accepted, and Mr. Christiansen took the chair.

The following business was then transacted: the questions of an insert in Technique, shingles, dates for meetings, etc.

Prof. Seaver suggested that each man rise and give his full name and where he came from. This brought out that there were men present from Newfoundland to Argentine, and from China to Oshkosh. One man, who had to stop rest in the middle of his name, caused much amusement.

PROF. SWAIN SPEAKER AT UNION FRIDAY

Former Head Of Course I, Is At Harvard--Subject Not Given

For the next Friday Evening Entertainment on March 4, the Union Committee has been exceedingly fortunate in obtaining the services of Professor George F. Swain, formerly of M. I. T. but now head of the Course in Civil Engineering at the Harvard Graduate School of Applied Science. Prof. Swain was also head of the Civil Eng. Department at Tech until he left last June. He is known the world over as one of the greatest engineers in the country and has performed many services for both the government and the state. For instance he was called upon by Governor Guild last year to accompany him as expert to the meeting called by President Roosevelt for the "Conservation of Our Natural Resources."

Prof. Swain is not only a teacher of engineering, but also a practising engineer. He will give one of his old-time talks such as his former pupils were delighted to hear and every one is expected to come out and give him a rousing reception. Although he has not announced his talk, it is known that he will say something about the work of a man after completing his course at the Institute. Whatever the subject may be, Prof. Swain will treat it interestingly and everybody who attends will be thoroughly entertained as well as instructed.

RIFLE CLUB MEETING

Much enthusiasm was shown at the meeting of the Rifle Club held in 22 Rogers and the prospects of the future work are great. Fourteen men were at the meeting; officers were elected for the next year and several important plans were discussed.

The officers elected were as follows: President, H. R. Wilbur 1910; Vice-President, H. D. Kemp 1912; Secretary, M. R. Thompson 1910; Treasurer, W. W. Lang 1912; Executive Officer, R. T. Portal 1913.

The men are looking forward to a successful season, and it is hoped that it will be an improvement on past years. It is expected that indoors practice will be conducted in one of the armories in this neighborhood. Continual practice the year round will greatly increase the efficiency of the work done.

An attempt will be made by the club to enter the national matches which are to be held in April. If this can be accomplished, it will be an interesting feature for the members.

Another announcement which attracted considerable attention was a challenge to a joint shoot from the Harvard Military School of Los Angeles, California. If the members can agree, this shoot will be held, the details of which will be arranged later.

CALENDAR.

- Wednesday, March 2.
4:15 C. E. Society, 11 Eng. B.
6:00 T. C. A. Dinner, at Union.
6:30 E. H. S. Club Dinner, at Union.
Friday, March 4.
8:00 Union Night, at Union.
1913 vs. Lowell Tex. Track, at Lowell.
Brookline H. S. Club at 772 Washington St.