

# THE TECH

VOL. XXXII. NO. 45

BOSTON, MASS., FRIDAY, NOVEMBER 29, 1912

PRICE TWO CENTS

## COSMOPOLITAN DANCE AT HOTEL TUILERIES

**Dance to Be Held Tomorrow Night—Many Foreigners Get Invitations.**

Tomorrow evening the Cosmopolitan Club gives its annual dance, which takes place this year at the Hotel Tuileries. Numerous invitations have been sent to well known outside foreigners, and though none have been issued to any foreigners who are members of the Institute, these men are just as cordially invited.

The club's officers have exerted every effort to make the affair not only a success, but even a greater success than in the case of previous ones. Very elaborate decorations are promised in addition to many novel features in the way of refreshments and entertainment. For those who do not dance ample opportunity will be afforded to spend a most pleasant evening, as games of checkers, chess and dominoes are to be provided.

Any men desiring to attend can obtain tickets, as well as dance orders, from any of the following committees: A. G. Ranney, H. D. Peck, L. H. Lehmaier, S. H. Taylor, E. Hurst and H. M. Lawrence, at the price of two dollars and fifty cents each. Those men who desire to send invitations to ladies should make application at once to the committee, and such invitations will be provided them.

## TECH SHOW ORCHESTRA.

**Rehearsal Today at Copley Hall Instead of in Union.**

The rehearsal of the Tech Show Orchestra this afternoon will be held in Copley Hall at 4.15, instead of in the Union. It is very necessary that all men who expect to play at the Winter Concert be present as there will be but three more rehearsals before that date. D. M. Hughes, the Business Manager of the Orchestra, expects the following men to report:

Baxter,	Lough,
Farry,	Miller,
Boucher,	Phillips,
Chandler,	Redolph,
Claussen,	Schar,
Clissham,	Short,
Ellsworth,	Suits,
Ellis,	Sweet,
Fiske,	Tallar,
Foster,	Wells,
Ginsberg,	Brooks,
Harmon,	Patten,
Hobbs,	Wickinson,
Holmes,	Smith,
Helseth,	Obel,
Horbakowsky,	Neigs,
Kerseim,	Eisenberg,
Lewis,	Warren,

## MUSEUM LECTURES.

The Museum of Fine Arts offers two lectures Sunday, December 1. At 2.30 Joseph Lindon Smith will conduct tours through the Mastaba Gallery and deliver a short talk on the collections there; and at 3.15, in the Modern Gallery, Prof. Henry L. Cor, of the English department, will speak on Millet. These lectures are open to the general public and are sure to prove interesting.

## CHINESE STUDENTS FORM BIBLE CLASS

**At Meeting Wednesday Professor Peabody Consented to Act as Leader.**

Yesterday, at 1.30, at the Union, a meeting of the Chinese students in the Institute was held under the auspices of the Technology Christian Association. Letters had been sent to each student by the secretary of the Association explaining that it was the hope of the T. C. A. to find some way in which it might be of service to the students from foreign countries.

The secretary of the T. C. A. presided and invited the men present to form a Bible class for the study of the place of Christianity in modern life. He then introduced Mr. Loy Chang of Harvard, secretary of the Chinese Students' Christian Association, who urged the men present to form such a class as was suggested. He said the students coming here from China came to seek truth, in order that they might be leaders in the development of the new China. If they studied only technical subjects, he said, they would not be as well fitted as they should be to help their country, hence they ought to find out honestly what Christianity could contribute in the making of strong character. It is not the aim of the Chinese Students' Christian Association, he said, to force men to accept Christianity, even if that were possible, but it aims to present fairly and frankly the claims of the religion.

Prof. Cecil H. Peabody, head of the department of Naval Architecture, then spoke and extended a personal invitation to attend the class. Prof. Peabody is to be the leader and is generously giving his time to make the plan a success. He assured the men that attendance or non-attendance at the class would have no difference whatever on the treatment they would receive in any classes they might attend in this department, and that he hoped they would be very frank to say so if they did not care to attend. He then explained briefly his plan for the course, saying that he should aim to explain the fundamental truths of Christianity, and that he should read in the class portions of the Bible, especially of the New Testament, and possibly selections from writers on Christian doctrine.

There was some discussion as to the best time to hold the class. T. Chang and H. K. Chow were appointed a committee to confer with those who are interested and to arrange for a convenient hour. Any men who desire to attend should see one of these men or L. Lam, who has been largely instrumental in arranging this preliminary meeting.

Ohio University rooters at football games leave the bleachers between halves and give a rousing snake dance with yells.

A senior in the University of California has been suspended for one year for cheating in an examination.

On account of the abolishment of basketball by Brown, Wesleyan and Williams have decided to discontinue the New England Triangular League

## MUSICAL CLUBS GIVE CONCERT TONIGHT

**Dance Under Auspices of Wellesley Hills Tennis Club to Follow.**

Tonight, at the Wellesley Hills Club House, the Combined Musical Clubs give their opening concert this year. The Mandolin and Banjo Clubs will each give two numbers, while the Glee Club will sing three selections. A quartet, composed of members from the Glee Club, claim that they have two good numbers, the names of which they will not divulge. The program has been made short and snappy so as to allow plenty of time for the dance that follows. The dance is under the auspices of the Wellesley Hills Tennis Club, and is considered the social event in that town.

All the clubs have been greatly enlarged and improved upon this year, and they have reached, perhaps, a higher degree of perfection than any of the former clubs. Coach Lansing has given much time and assistance to the clubs this year in making them play more as a unit and helping them to get more expression and tone. The Banjo Club has adopted a new scheme this year by having their members memorize their pieces at home, thus making the rehearsals much shorter and more interesting.

R. S. Rankin, general manager of the clubs, wishes all the members to be at the station exceptionally early as the train leaves the Trinity Place Station at 6.24 P. M. The members expect to leave the dance for the 11.51 train. D. O. Dunn, the treasurer of the clubs, has the finances showing well so that the clubs should have an interesting schedule this year.

## JUNIOR CLASS DINNER.

**Four Good Speakers Coming to Dinner Tuesday Night.**

The Juniors have secured four very interesting speakers for their annual class dinner to be held in the Union at 6.30 next Tuesday evening. They will be Prof. David R. Dewey, Prof. George E. Russell, Bursar Rand, and our most popular Dean. In addition Steward Colton has promised a dinner of the finest quality and good cigars will be provided, so the officers feel sure that every man who attends will spend a very enjoyable evening. The results of the election of members of the Junior Prom Committee will also be announced.

All tickets should be purchased before Monday afternoon as Steward Colton must be notified of the number for whom he is to prepare at that time.

## EDITORIAL CONTEST.

The next editorial in the Pi Delta Epsilon editorial contest will be due Monday at 5 o'clock at the Case, addressed to the Pi Delta Epsilon Editorial Committee. The subject for Monday's editorial is optional with the writer.

Yale University has 17,251 living graduates, according to a catalogue just issued, an increase of 1,293 since the publication of the last directory two years ago.

## TECHNIQUE OMITTS FRATERNITY PICTURES

**Greek Letter Societies Object On Grounds of Self-Advertisement.**

Several weeks ago the Technique Board conceived the idea of including group pictures of the fraternities with their inserts in Technique, 1914. The plan met with the enthusiastic approval of the Board, and arrangements were made with a photographer whereby the pictures could be put in without additional cost to the fraternities. It was supposed that the latter would welcome the innovation.

But things did not turn out as expected. A few of the fraternities, each thinking that all the others were going into it, voted in favor of the plan, but the majority, thinking it savored too much of self-advertisement, took adverse action. On this account the Board thought it inadvisable to insert the pictures of only the few who were willing, rescinded its action, and decided to make only the usual inserts.

## GRADUATE STUDENTS.

**Tech, Dartmouth and Williams Send Many Men Here.**

The advance sheets for the new bulletin of the Institute, which will be issued in about a week, show some interesting figures regarding representation of other colleges in the graduate students now at Tech. Tech is sending back 17 of its graduate students; then come Dartmouth and Williams with 11 graduates each.

The following schools have more than two representatives: Harvard, 7; Imperial Polytechnical College of Shanghai, 6; U. S. Naval College, 5; Spring Hill College, Syrian Protestant College, Boston College, College of the City of New York, University of Texas, 4 each; John Hopkins, Wellesley, Boston University, Brown University, Princeton, Amherst, Institute of Technology, and Michigan have 3 each; while the following have 2 representatives: University of Maryland, Occidental College, Denison University, Washington and Jefferson College, Drake University, McGill University. (Continued on Page 2.)

## WEATHER.

Forecast for Boston and vicinity: partly cloudy and warmer with varying winds. Saturday, unsettled.

## CALENDAR.

Friday, November 29, 1912.  
4.15—Orchestra Rehearsal—Copley Hall  
Saturday, November 30, 1912.  
2.15—Hare and Hounds' Chase—North St. Road.  
Sunday, December 1, 1912.  
Competitions for Class Historicals—Case—Technique Office.  
Monday, December 2, 1912.  
7.00—Basketball Practice—Gym.  
Tuesday, December 3, 1912.  
7.15—Sophomore Class Dinner—Union.  
Wednesday, December 4, 1912.  
2.00—Catholic Club—Union.

# THE TECH

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

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FRIDAY, NOVEMBER 29, 1912

## CHEER AND THEN WORK.

At the Kommer's dinner, Saturday evening, Coach Sanger brought forth an idea which would "strike home" to many men. In speaking of the enthusiasm shown that night, he said it was not this exclamatory interest, but real work later that would make TECH SHOW, 1913, what we hope it to be.

Enthusiasm is a splendid thing. It has won countless battles, but NEVER without good, hard, nose-grinding work along with it. Not smooth sailing before encouraging smiling faces of friends (fair or otherwise), but rough, hard sledding over scowling opposition and adversity. It is not the cheer and the kickoff that win the football game, but the gruelling man-to-man contest. It was not the fellows who merely attended the Kommer's and cheered the officers and coaches that gave to TECH SHOW the success it has enjoyed in past years, but rather those men who came out after the cheering and worked hard to back them up, and who kept "pegging away" and smiling when others were "down in the mouth" and pessimistic.

But it is disheartening work, you say. Of course it is. TECH SHOW wouldn't be worth thirty cents if it wasn't. It is the man who "sticks" whom we respect, even though his achievements may not be brilliant.

This spirit of perseverance is not needed in the TECH SHOW alone, but in every task of life. So when you have something hard and disagreeable to do give a regular M. I. T. with three "PERSEVERE's" on the end and then GET DOWN AND DO IT.

## COLLEGE DRAMATICS.

The Yale University Dramatic Association will give Tolstoi's "Fruits of Culture" for this year's Christmas production.

The Harvard Dramatic Association will this year present three performances of "The Voice of the People." The Harvard "Cercle Francais" will give two performances of "Les Surprises du Divorce."

The Dramatic Club of Princeton University, known as the Triangle Club, will make quite an extensive trip this season. Formerly this trip has been made during the Easter vacation, but this year it was considered best in view of the length of the tour (3000 miles) to go during the Xmas vacation. The route will include New York, Brooklyn, Philadelphia, Balti-

## BASKETBALL TEAM HOLDS FIRST PRACTICE

Only a Dozen Men Reported For 1915 Team Practice Wednesday.

The first call for candidates for the 1915 basketball team was answered Wednesday afternoon by a dozen men, which was a fairly good showing considering the following day was a holiday. All of last year's team are out again, but this fact should not prevent anyone who knows only a little about basketball from coming out.

Owing to the absence of Manager Scully, nothing definite was accomplished. A scrub game was finally started, which showed every indication of a fast squad. Scully will not be able to participate in the practice, owing to illness, but will be on hand every Wednesday at 4 P. M., and Friday at 5 P. M., to put the squad through work. The following men reported: E. T. McBride, E. H. Newman, P. Massuccy, O. L. Hall, G. C. Wilson, E. L. Alger, M. B. Pinkham, J. M. Dalton, C. L. Morse, H. L. Craig and E. E. Alt.

The Faculty of the Michigan Engineering School is reported to have "flunked" or conditioned two-thirds of the senior engineers. The seniors held an indignation meeting and entered a protest to the Faculty.

## COLLEGE JOURNALISM.

Harvard University is without a single representative on the editorial staff of the Harvard Law School Review. Of the eight members of the board four are from Yale, two from Princeton, one from Bowdoin and one from the University of Georgia.

The dignitaries of the college papers and class offices will be awarded the University "W" at Wisconsin this year. The honorary emblem will be of some appropriate design, as a watch fob or pin.

The regents of Yale will not allow courses in journalism to be offered because they thought such instruction savored too much of vocational training.

A musical review, containing contributions from the Faculty and students is soon to be published at Harvard University. It will be the first of its kind to be published at Harvard.

Wisconsin possesses the distinction of being the only state university which issues two daily papers. Besides the Daily Cardinal, the official daily, the Wisconsin Daily News is being issued. The first issue consisted of twenty-four newsy pages. It is understood that President Van Hise is opposed to two dailies.

The School of Journalism has been opened at Columbia University with an enrollment of over 100 men. In order to obtain a degree from this school it is required that proficiency be attained in either the French or German language.

more. Cleveland, Cincinnati, St. Louis, Columbus and Pittsburgh. Two performances will be given in New York, six in Princeton, and two in Philadelphia. For this tour the club will require a special train, consisting of a baggage car, a diner, and sufficient Pullman sleepers to accommodate seventy-five Princetonians.

The play which the club will present has been written jointly by John A. Larkin, '13, President of the club, and Charles D. Orth, '13, the present editor of the undergraduate comic sheet. The title of the play (which is a comedy), is "Once in a Hundred Years."

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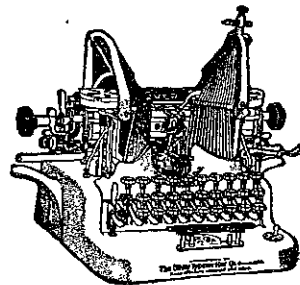
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**COLLEGE GRADUATES.**

(Continued from Page 1, Col. 4.)  
sity, N. Y. University, Washington and Lee University, Washburn College, University of Illinois, Saint Louis University, Lafayette College, University of Nebraska, North Dakota Agricultural College, Rowdoin, University of Oregon, Simpson College, University of Minnesota, Yale Sheffield Scientific School, Bates College, Beloit College, Hamilton College and the Nanking Naval College.

It is also interesting to note that the Chinese colleges have by far the greatest number of representatives. There are in all thirteen men, representing the following different colleges: Wuchang Provincial College, Chili Provincial College, Anhui Provincial College, Nanking Naval College, Chinese Naval College and the Imperial Polytechnic College of Shanghai. The other colleges outside of the United States who have graduates at Technology at the present time are: The Syrian Protestant College, the Euphrates College, the Institute of Havana, the National College of Paraguay, the McGill University and the Royal Military College, both of Canada; the Escuela Industrial College of Buenos Ayres, Argentine; the Scientific and Literary Institute of Chihuahua, Mexico; the Polytechnic College of Zurich, and Melbourne University, Australia.

**UTILIZING COAL WASTE.**

The production of anthracite in Pennsylvania includes an appreciable quantity of unsalable fuel recovered from the old culm banks by washeries, and the unsightly monuments to the wasteful methods of early times are disappearing from the landscape in the anthracite region. The quantity of coal recovered in the 22 years since the first washery was constructed in 1890 has amounted to about 50,000,000 long tons, considerably more than the total production of anthracite at the beginning of the period. In 1911 the washery product amounted to 4,136,044 long tons. In addition to the coal recovered from the culm banks, 94,647 long tons in 1911, and 91,833 tons in 1910, were recovered from the bottom of Susquehanna River by dredges.

In the bituminous regions the principal use of washeries is to improve the quality of the slack coal used in the manufacture of coke by reducing the ash and sulphur, although considerable quantities, particularly in Illinois, are washed in the preparation of sized coal for household use. The quantity of bituminous coal washed at the mines in 1911 was 12,513,114 short tons. The washeries yielded 10,999,481 tons of cleaned coal and 1,513,633 tons of refuse.

**VALUE OF SANDSTONE.**

The value of the output of sandstone in the United States in 1911 was \$7,730,868, a decrease as compared with 1910 of \$199,151, according to figures just published by the United States Geological Survey. The leading sandstone producing States in 1911 were New York, Ohio and Pennsylvania, in the order named.

In New York and Pennsylvania a part of the sandstone produced is known to the trade as bluestone. The output of bluestone increased in value from \$1,535,187 in 1910 to \$1,876,473 in 1911, a gain of \$341,286. The stone used for building decreased in value, but that sold for flagging and curbing, as crushed stone, and for unspecified purposes showed a large increase. The increase in value of bluestone produced in New York in 1911 was caused by the quarrying of a large quantity for use as rubble and as crushed stone in concrete in the building of dams for the New York City water supply system. If it had not been for this demand the New York production, as well as that of Pennsylvania, would have decreased.

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SENIOR CLASS Pipe Committee will be at Union Friday, at noon, to take orders for class pipes. (Fri 1t)

SENIOR CLASS Pipe Committee will be in Union to take orders for pipes Saturday, from 11 to 2. (Sat-1t)

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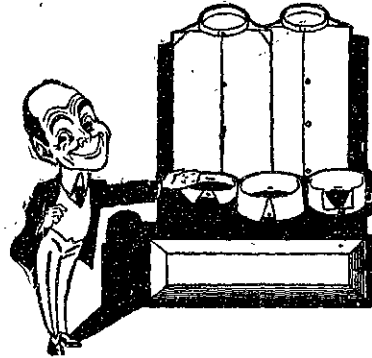
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