

# THE TECH

VOL. XXXIII. NO. 142.

BOSTON, MASS., TUESDAY, MARCH 3, 1914.

PRICE TWO CENTS

## YISH-KA-BIBBLE.

The time before the production of "Yish-ka-bibble" in Huntington Hall on Saturday of this week is growing short. Hundreds of tickets have been sold and it only remains now to sell the few that still remain in order that the place may be packed to the very doors when the first curtain goes up. That this may be accomplished means that all of you students that have not yet bought tickets should do so at once.

The men that are around with tickets for sale report that things are going splendidly and that it is assured that the performance will be a financial success and will doubtless net a tidy sum for the benefit of athletics. Still the more money that is collected the better the condition that the Athletic Association will be in. Also it is equally true that now the expenses of the affair have been covered every additional ticket that is sold will go to swell the profits by the face value of that ticket.

The dance that is to follow the performance in the Union is sure to be the greatest affair of its kind that the Institute has ever known. When the project was first mentioned it may be recalled that there were many who thought the idea impossible. This doubt was immediately dispelled when it was found that all of the three hundred tickets originally issued for the dance had been sold within two days of their first appearance on the market. Then, it may be

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### T. C. A. SPEAKER

Reverend A. W. Vernon to Address Students in Union.

The Rev. Mr. A. W. Vernon will be the speaker at the next T. C. A. meeting in the Union on Thursday. This will be Mr. Vernon's first talk at the Institute. He is pastor of the Harvard Congregational Church of Brookline.

Rev. Mr. Vernon has chosen for his topic "One Important Proof of the Christian Religion," and his talk promises to be an interesting one. He is the author of several books and has done writing along various lines.

### E. E. TRIP CALLED OFF

The E. E. Society will not take the trip to the General Electric Company Lamp Works at East Boston Friday, March 6th, as arranged for, since no visitors can be received this week. A trip to the Lamp Works will be made later in the term. Arrangements will be made if possible with some other company for an excursion Friday afternoon. Further announcement will be made in THE TECH.

## HARVARD ALUMNI HEAR PRESIDENT MACLAURIN

Technology Executive Addresses Boston Harvard Club Last Night.

At the dinner of the Boston Harvard Club held last night, President Maclaurin of Technology delivered the principal address of the evening.

He quoted President Vail of the American Telephone Company as saying that the recent agreement between Harvard and Technology is one of the greatest achievements in educational circles for many a year. President Maclaurin said in part: "I believe that reflection on the broad effects of this agreement will convince you that these men are right. Perhaps its most far-reaching effect will be upon the spirit in which educational institutions work and on the nature of their relations with neighboring institutions. It is, of course, no new doctrine that educational institutions do not exist for themselves and that they have no right to consider their selfish interests, or to pay any regard even to their independence except in so far as these things affect their power of service to the community. This is well-worn doctrine, unfortunately so well-worn that it is generally overlooked. Broad-minded citizens all over the country may preach against its neglect, but experience proves that preaching in these matters may be singularly ineffective.

"Here, as elsewhere, example is better than precept, and although our agreement has been in existence for only a little more than a month, there is already much evidence that it is stirring up other institutions in various parts of the country to a searching of hearts and a serious reconsideration of their relations with neigh-

(Continued on Page Four.)

## FRESHMAN BASKETBALL

Will Play Revere High Tomorrow Night at Gymnasium.

The Freshman Basketball team will play the Revere High team at 8.00 p. m. tomorrow night in the Gymnasium on Garrison street. Owing to the fact that the Sophomore team will not play any more games, this game is being substituted so that all holders of tickets may have the opportunity to use them.

The Revere team defeated a team from Tech during the Christmas vacation by a score of 79 to 9. This score shows the kind of a team they are. The Freshmen will try to wipe this out Wednesday night. From their record lately—8 games won out of 11—their chances are bright.

## BOXING TEAM TO BE FORMED AT TECH

Maverick, '16, Elected Captain, Calls for Candidates—Meet with Penn.

Following up an idea originated by the University of Pennsylvania, Tech has started a boxing team. Already a number of men have signified their desire of forming such a team and a Captain has been elected. George Madison Maverick, '16, of San Antonio, Texas, is the man chosen to lead the new sport at the Institute. Maverick has been boxing at the Institute for two years and is quite an adept in the art of self-defense.

Practice will be held regularly in the gym under the supervision of a very competent instructor. Although there are enough men to make a team at present the Captain will be very glad to hear from any who are interested in the sport.

There will be seven classes by weight, 115, 130, 135, 140, 145, 150 and 158 pounds.

Pennsylvania desires to start Inter-collegiate boxing and Tech has therefore sent her a bid. The management hopes to be able to arrange a meet for some time in Junior week.

## TECH BOWLING LEAGUE

First Week's Victories Place Two Teams in Lead.

The first week of the Technology Bowling League finds the Garrison and Rogers teams in the lead with three points won and one lost. This afternoon the Garrison and Pierce teams will roll. Mr. Mackenzie of the drawing department and L. Vose are tied for the high average with 97. The standing is as follows:

	Won	Lost	Pinfall
Garrison	3	1	1364
Rogers	3	1	1253
Pierce	2	2	1242
Union	2	2	1239
Walker	1	3	1253
Lowell	1	3	1153

Averages—Mackenzie 97, Vose 97, Hardy 94, Proctor 94, Pung 93, Lewis 92, Nelson 92, Price 92, Rivers 88, King 86, Metz 86.

## CERCLE FRANCAIS

The Cercle Francais will meet this evening in Room A at the Union. While no definite speaker has been secured, it is probable that one of the Architectural faculty will talk to the society. The meeting will be an important one and the officers desire a large attendance. Refreshments will be served following the program.

## ELECTRICAL ENGINEERS HEAR ILLUSTRATED TALKS

Mr. Swope Delayed by Snow Storm—Mr. Kemp To Speak at Next Meeting.

Fifty men were out to the Electrical Engineering Society meeting in the Union last night. Mr. Gerard Swope, '96, General Sales Manager of the Western Electric Company, who was to have been the speaker of the evening was unable to get to Boston today on account of the heavy snowfall in New York which tied up rail traffic in that part of the country.

Two informal talks were given at the meeting by Mr. H. A. Affel and Mr. G. K. Perley, vice-president of the Society. Mr. Affel had about fifty pictures of the mid-year trip of the Society. He showed these with the aid of the stereopticon and gave a description of the trip.

Mr. Perley showed about fifty pictures of the last year's summer camp at East Machias taken by himself which he talked about.

The next meeting of the Society will be held on March 18th. Mr. H. D. Kemp, '12, will deliver a talk on the Electrical Development in South America. Announcement of the next trip will appear very soon in THE TECH.

## WEATHER

Fair and warmer.

## CALENDAR

Tuesday, March 3, 1914.

- 4.10—1916 Technique Electoral Comm., 27 Rogers.
- 4.15—Show Cast Rehearsal, Room B, Union.
- 4.15—Show Chorus Rehearsal, Union Dining Room.
- 7.30—Meeting of Officer's Club, Union. Major Cole to speak.
- 8.00—1916-1917 Track Meet, Gym.
- 8.00—Cercle Francais, Room A, Union.

Wednesday, March 4.

- 4.15—Candidates for Asst.-Circulation Mgr. of TECH MONTHLY, Upper TECH Office.
- 4.15—Show Dance Trials, Union Dining Room.
- 5.00—Cosmopolitan Club, 8 Engr. C.
- 5.00—Orchestra Rehearsal, Room B, Union.
- 7.30—Meeting of Comb. Musical Clubs.
- 8.00—1917 vs. Revere H. S. Basketball, Gym.

Thursday, March 5.

- 1.15—Hockey team picture at Norman's.

Saturday, March 7.

- 8.00—Wrestling Meet. Tech vs. B. Y. M. C. U. at B. Y. M. C. U.
- 8.00—YISH-KA-BIBBLE.

# THE TECH

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TUESDAY, MARCH 3, 1914.

## IN CHARGE OF THIS ISSUE.

Editors—J. R. Spaulding, '17; A. E. Keating, '17.  
Associates—R. F. F. Brooks, '17; F. A. Stearns, '17.

We regret that lack of space prevents our giving in full the speech delivered by President Maclaurin last night before the Harvard Club. It should be read by every man in the Institute, particularly by the few whom we still occasionally hear making vague derogatory remarks about the agreement with Harvard University. The President's address is a clarified and amplified restatement of the purposes and results of that agreement.

Doubtless the Electrical Engineering Society had some good reason for arranging Mr. Gerad Swope's address for Monday evening, the meeting time of the fraternities. However, since the weather has interfered with their plans, we hope they will re-arrange the talk for some other day.

## TECH RIFLE TEAM

Holds Eighth Place in Present Intercollegiate Matches.

Reports from Washington show that after the fifth week's matches of the Intercollegiate Gallery Shooting League, Tech is occupying eighth place in Class A with a record of two wins and three losses, which is considered very good, as Tech has not had the benefit of professional coaching as have the other teams of the league. Michigan Agricultural

College leads the class with a record of five straight victories. The Massachusetts Aggies come second.

The recent match with the University of Minnesota was lost by a very narrow margin, 936 to 930.

Long range outdoor shooting will begin in a few days, and Capt. Haslam expects that a large number will take advantage of the excellent opportunity to improve their marksmanship.

## OFFICERS CLUB

"Extended Order" Subject of Major Cole's Talk This Evening.

This evening the Officers Club of the M. I. T. Cadet Corps will hold its first open meeting in the Union at 7.30. Major Cole will be the speaker and will talk on "Extended Order."

In his talk the Major will cover the skirmish work as it will be taken up in the near future by the Regiment in drill. He will probably give some points on practical combat principles also. What he will have to say will be of much value to all the officers, commissioned and non-commissioned alike, and the officers of the Club hope that a large number will be present so as to learn just what is expected of them when the Extended Order formations are taken up. There will be an opportunity to ask questions about any point in drill which is not clearly understood. The meeting is open to all, and any who are interested in military work are invited to attend.

Colonel Hamilton will make a report on the financial results of the Military Hop held Feb. 20th.

## RELAY PICTURES

Today at quarter past one the pictures of the Varsity one- and two-mile relay teams will be taken at Notman's, No. 3 Park street. On the one-mile team are the following: F. T. O'Hara '17, K. Dean '16, C. E. Fox '14, T. H. Guething '14. The two-mile team comprises: C. E. Fox '14, H. S. Benson '16, C. T. Guething '16, T. H. Guething '14. These men are asked to be present at 1.15 sharp as it is necessary that they be on time for the pictures.

## JUNIOR PICTURE

The Junior Class picture which was taken on Rogers Steps is now on sale. Those desiring one of these pictures should give their names to G. T. Rooney, C. W. Fry, or M. L. Foster. A deposit of fifty cents must be made when the order for the picture is given. The cost of the picture is \$1.25, and a sample copy may be seen at the Cage.

## TECHNIQUES SELL FAST

Nearly all of the 1910 Techniques were sold at noontime yesterday. A few remain at the cage. Now is your last chance.

Students at Pacific University have organized a prohibition club. The motto is "No Booze in the Country in 1920."



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**"ROPE DRIVING"**

**M. E. Society To Hear C. B. Sawyer on Rope Transmission.**

There will be a talk on "Rope Driving" given before the Mechanical Engineering Society on Wednesday at 4.00 o'clock in 11 Engineering B. Mr. C. B. Sawyer, of the Dodge Manufacturing Co., will be the speaker. The Dodge Manufacturing Co. make all kinds of rope transmissions and allied machinery. Mr. Dodge will illustrate his talk with lantern slides and demonstrate the English and American systems of rope driving. The characteristic features of both systems will be pointed out.

As this subject is of great importance to Engineers, especially Mechanical Engineers, the Society is expecting a large attendance.

**"YISH-KA-BIBBLE"**

(Continued from Page One.)

remembered that it was found necessary to obtain additional room in which to hold the dance. Following this came the startling announcement that both the upstairs and downstairs parts of the Union with a separate orchestra for the two places would be opened up for dancing. And now the extra tickets that have been issued have been selling as rapidly as the original three hundred.

It is hoped that a total of five hundred of these 75c blue tickets admitting to both the vaudeville and the dance will be sold. This is now practically an assured fact. If this total can be sold a large dance with just about the right sized crowd to fill the two places comfortably is certain. There is absolutely no reason why this goal should not be attained. With 1700 men in the Institute it only takes 250 of these to each buy two tickets to sell the five hundred.

Not only should this number of blue tickets be assured but likewise from the 1450 students left it should not be difficult to dispose of the other five hundred necessary to fill Huntington Hall to its capacity of 1000. If every man will do his own duty in this respect, the Athletic Association is certain to have support to the tune of approximately \$500.00.

**FACULTY NOTICE**

The list of candidates for the degree of Bachelor of Science the present year has been presented to the Faculty, and all persons whose names are on it have been notified individually. The list cannot now be changed except by vote of the Faculty and any student expecting to be recommended for the degree this year should consult me if he has not been notified that his name is on the list.  
A. L. MERRILL,  
Secretary.

**ad WHATI  
MUSICAL CLUBS**

The time of the Smoker Rehearsal of the Musical Clubs has been changed from 7.30 to 7.00 o'clock Wednesday evening, March 7.

**DANCING TRIALS  
HELD FOR SHOW**

**Over Twenty-Five Men Out—  
Increased Number for  
Chorus.**

The Tech Show dancing trials yesterday afternoon attracted over twenty-five men. Each man danced a waltz with Mrs. Adams, the dancing instructor for this year's Show, who selected those who are to be given further trial. These then distorted themselves in vain attempts to imitate correctly some of Mrs. Adams' arm movements. After a short practice she told them to practice at least ten minutes a day and to be on hand Wednesday at quarter past four. The following men are retained: Ford, Couch, Hauser, Whittemore, Bidwell, Bell, Staub, Gillespie, Holt, Lowe, Duff, Coover, Hardwick, King.

There is to be a rehearsal of the chorus this afternoon at 4.15, in the Union. An increase has been made in the number of men to be kept and the following are requested to be present: Baker, Hulburd, Couch, Hannah, Spencer, Bassett, Moulton, Camp, Chandler, C. L. Smith, Morton, Swift, Ramsbottom, Russell, Marine, Gillespie, Farnsworth, Wallis, Hauser, Sanburg, Ford, Stimets, Dodson, Bidwell, Cristal, Lauer, Holt.

There will be a regular orchestra rehearsal at 5.00 Wednesday.

**ENGINEERING AND  
SCIENCE NOTES**

In discussing a recent earthquake shock experienced in the state of New York the U. S. Geological Survey says:

Earthquakes are commonly associated with faults or rifts, which are breaks or fractures in the rock crust along which the rocks move past one another. Some faults are characterized by repeated motion along a given plane or narrow zone, like that which caused the San Francisco earthquake. The vast majority of faults, however, are practically dead, and no motion takes place on them because the strain has been satisfied or diverted into other directions. Of this kind are most of the old faults in the Appalachian area, from Alabama to Canada, including the mountainous country of the East. Younger faults are also found in the East, but most of these are dead and their strains have long ago been satisfied. The latest set of faults displaces the youngest geologic formations, although their source is in the underlying hard rocks.

**PROM COMPETITION**

The Junior Prom prize waltz competition is to be held on Wednesday afternoon, March 4th, at 5.15 sharp in the Union. All Juniors intending to enter the competition are requested to be present and prepared to play their waltzes. It is not necessary to have waltz written out. Be on time.

**LIBRETTO WRITING**

Mr. Carh's class in Libretto Writing will meet for the first time on March 11.

**FRESHMEN MEET  
SOPHOMORES TONIGHT**

**Odds Are in Favor of Freshmen  
—Guething Will Be Unable  
To Run.**

The annual Freshman-Sophomore meet that comes tonight will be full of surprises for all. The quality of many of the stars is known and these can be depended upon to take the first places in the various events. The results in the second and third places will probably be the deciding factors in the contest. The Freshmen will probably get firsts in the short, jump, hurdles and dash. The 440, 880, mile and pole vault are in the favor of the Sophomores.

Loomis and Day will be the chief contenders behind O'Hara in the dash. A large number have entered in the event and several heats will be run off with semi-finals and finals. O'Hara, who competed in the New England Championships and ran last night in New York is practically assured first place.

The 440 will be undoubtedly the feature event of the evening. Reed '16 will be well in the front in his class with Dean as the probable winner. Erb and Williams are among the best of the Freshmen entered, and if O'Hara runs this also, the three will prove a rather formidable trio.

The Sophomores will be heavily handicapped by the loss of Guething in the half and mile. Dean and Graff may switch over to the half to cover up this loss of Guething, who would undoubtedly take an easy first. They will oppose either Donnelly or Brock in this event, and should put up a good fight for the majority of places.

The mile seems to be all Benson with Donnelly or Brock as second man. Others entered in this event are Graff, Hastie and Gray of the Sophomores, and Haviland and Parker of the Freshmen.

The other events excepting the pole vault will be strongly in favor of the Freshmen and should win them the meet. Sullivan in the shot and Day in the hurdles are also expected to win their events.

**TECHNIQUE ELEC. COMM.**

There will be a meeting of the 1916 Technique Electoral Committee today at 4.10 in Room 27 Rogers. The meeting will be a very important one as the balloting will begin for the position of Editor-in-Chief.

**COSMOPOLITAN CLUB**

There will be an important business meeting of the Cosmopolitan Club on Wednesday at five o'clock in Room 8, Engr. C.

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SAT., 2 to 4.30. LA BOHEME. Melba, Beriza, Laffite, Danges, Pulcini, Mardones, Tavecchia. Cond., Moranzoni.

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### The Girl of The Golden West

### CORT THEATRE

### TWELFTH NIGHT

## PRESIDENT MACLAURIN

(Continued from Page One)

boring institutions. The movement thus initiated will not only make for economy and efficiency, but it will improve the spirit of educational work everywhere and thus it cannot fail to have a profound effect on education for generations to come. The other great result emphasized by Mr. Vail was the possibility that will thus be afforded of building up an institution of unparalleled power for serving the country in the field of applied science. As the head of a great enterprise, Mr. Vail is well-placed to appreciate the importance of such a school, realizing, as he does, how more and more industry must join hands with science, and advances must come from men of trained intelligence.

"I need not take up much of your time," said the president, "in explaining what the agreement is." A complete accurate copy of the agreement was printed in THE TECH of January 13th. The main feature of the agreement is That in the future, Harvard's work in engineering will be carried on in the buildings of Technology, under the executive control of the President of Technology, and the laying out of courses and the giving of instruction will be entrusted to the Faculty of Technology,—not to a section of that Faculty, but to the Faculty as a whole, there being no difference in this matter between those members of the Faculty in whose appointment Harvard has had a share and the other members.

"There has been some foolish talk about Harvard giving up its graduate schools. How can she be said to give them up, when she is joining forces with Technology which has long had by far the largest graduate engineering school in the country, there being as many graduates of colleges at Tech as in most of the other engineering schools in this country, but it is only within recent years that Harvard has emphasized the graduate idea by making graduation from a college a condition of entrance to her schools.

"I have heard some talk occasionally, it seems to me to be foolish talk, about the difficulties that will arise from an alliance between two institutions whose educational ideals in the realms of engineering are different. Such talk comes mostly from those who are ignorant of one or of the other or of both these institutions. Sometimes it revolves around the distinction between the graduate and the undergraduate ideal, in ignorance of the fact that Technology is a great graduate school, and that both institutions have had experience in dealing with graduates and undergraduates alike. Sometimes it is suggested that Technology is a narrow school devoted to so-called practical pursuits and with no vision beyond what are styled "bread and butter" studies. This is contrasted with Harvard's culture. All such talk is mere ignorant beating the air. Culture without practice is a sham, and the graduate and undergraduate have much to learn from one another.

"Today each institution separately attracts bright men from all parts of the world. Technology began as a local institution, drawing small num-

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bers from a restricted area. It attracts now in large numbers from every state in the Union, and draws men from foreign parts more than twice as powerfully in proportion to its numbers than does any other institution of learning in the country. In combination with Harvard, its attractive power for bright men from all parts of the world will be well nigh irresistible. It is important to note that it should be equally attractive to able and ambitious teachers.

"There has been an unfortunate exaggeration of the resources at the disposal of this growing institution, the fact being that the present resources are very inadequate for the great purposes in view. But, more than money; it needs interest, suggestion, criticism—if you will; it needs the consciousness that the whole community

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is back of it, ready to encourage it if it goes right and to check it if it tends to stray. With that behind it, success is certain; and success will surely come, if only the alumni of both institutions do their part in educating the community as to the facts and in forcing everyone to sink all pettiness and rise to the level of the great opportunity that is now prevented."