

THE TECH

VOL. XXXI. NO. 68

BOSTON, MASS., FRIDAY, DECEMBER 15, 1911

PRICE TWO CENTS

FINE ADDRESS BY SECRETARY RINDGE

Benefits of Industrial Service Mutual—Enthusiasm Elsewhere.

Mr. Rindge, who addressed the T. C. A. meeting in the Union yesterday noon, reports great success for the Y. M. C. A.'s campaign among scientific students in urging them to take classes of immigrants and foreigners and teach them English and civics during evening hours. At Carnegie Tech he had particular success in getting men out, and now most of the school leaders are giving a night a week to the work, though they already were as busy as are the men here.

He told of several instances of educated foreigners who did not speak English, and after failure to make any success here had gone back home convinced that there is no good in America. This is the kind of men that the teachers are especially apt to get, and it would be invaluable to the teacher himself to have had experience with such men before graduating and entering the class of college men called "confounded nuisances" by more experienced engineers. For to manage men it must first be known by the foreman that his men are as human as he, and like best to be so treated. Mr. Rindge told several instances of recent graduates who have written that they have had no trouble with their men, while foremen of gangs working side by side with them have had successive strikes. Tad Jones of Yale is one of these.

Thus there are two propositions: the immigrants need English and a knowledge of our government to make themselves most useful to America, and the young engineer profits by his contact with his pupils.

SHOW POSTER MEN.

New Candidates' Last Chance To Enter Competition.

Eighteen men, representing all the classes of the Institute, are now competing for the ten-dollar prize offered by the Show for the best poster, the one which the management decides to use. There are a number of men who want to try for the poster competition who did not get the instructions from the Publicity Manager, and they will be given one more chance this afternoon.

Manager Whitwell will be in the Show office at 4.30 o'clock to give anyone who wishes to try the information, without which a man would be foolish to draw a poster. If there are any men who can not come around at that time they should leave a note making an appointment, so that they may have an even start.

CONCERT TICKETS.

Twelve tickets for the Winter Concert at Copley Hall tonight have been lost. The management announces that these tickets, for the seats J (5 to 12) and K (7 to 10) inclusive, will not be honored, as duplicates have been issued.

20c. a head for cemeteries is not too much for dead ones, considering, Pclecon.

SEE EXAM. SCHEDULE IN THE TECH TOMORROW

Present Term Closes Day Before Exams.—Freshmen Get Full Week of Vacation.

Saturday's issue of THE TECH will contain the official schedule of the Mid-Year Examinations, which will begin two weeks after the Christmas recess, on the fifteenth of January. The examinations will last until the 24th, and the second term will begin on Monday, the 29th.

The first-year men will take Military Science on Saturday, the 20th, as their last exam, thus having a whole week for a mid-year recess. The upperclassmen, if they are lucky, may get as much, but most of them will have their exams scattered through the whole period and will have, as a result, but four days off.

The last exercises for all the classes will be held Saturday, the 13th, so that there remain but three weeks in which to brush up the cobwebs that may be on some of the work in the early part of the term. As there is only Sunday between the last day of school and the first exam, there can be but little cramming done.

PLEASE DON'T

Leave Senior Portfolio Votes in the Lower Tech Office.

Some of the members of the Senior Class surely are not wise to the ways of the Union and the location of the Cage, for a large number of men have left their ballots in the box in the Lower Office which is to be used for the votes on the Honorary Fraternity only.

The zeal which these men have showed in trying so hard to vote is surely commendable, but their lack of knowledge of the fitness of things is much to be deplored. THE TECH asks that all Seniors who intend to vote for their Portfolio Committee do so at the Cage and not in the office, and further, that they make sure that they leave a Sigma Psi ballot in its proper box at the same time.

Not more than fifty members of the Senior Class have voted for the Portfolio Committee, by the way, and the election closes Saturday at 4 o'clock. This matter is one to be attended to at once by every registered voter of 1912.

MUSEUM OF FINE ARTS.

Two lectures are to be given at the Art Museum Sunday afternoon which ought to be very interesting and of great educational value to all Tech men. The first, entitled "Copley's Paintings in Colonial Boston," will be delivered in the Early American Room, Department of Painting, by Mr. Charles K. Bolton, at 2.30 P. M.

Assistant Professor Henry L. Seaver, of the English Department of the Institute, will give a short talk on Alphonse Legros, in the Print Study, Department of Prints, at 3.15 P. M.

The engagement of Harold Eaton Babbitt, M. I. T., '11, to Miss Helen H. Tainter of Somerville has been announced. Mr. Babbitt, a Course XI graduate, is now practicing in Chicago.

BIG CROWD EXPECTED AT CONCERT TONIGHT

Management Reports Reserved Seats Entirely Sold Out—Standing Room Only.

In a rehearsal of the Mandolin and Glee Clubs, held in Copley Hall yesterday afternoon, final arrangements were made for tonight's concert, which will undoubtedly surpass anything ever held in previous years. Every indication points to a record crowd. The advance sale of seats has been successful beyond all expectations, and the management reports that the reserved seats have been entirely sold out.

In addition to the program printed in Wednesday's TECH, the Mandolin Club is to give a descriptive number which is something out of the ordinary, and the Orchestra and Glee Club also have numbers which have not been announced.

TECH VS. HARVARD.

First College Game at Arena Thursday.

Thursday, December 21, the hockey team is scheduled to meet Harvard at the Arena. The team has been hard at work and will put up a good game with their opponents from across the river. Manager Ranney has made arrangements with the Arena management to supply him with tickets, which will be distributed among the members of the team and several other interested people, so that the Tech crowd can keep together and cheer.

The management of the Arena will give the Athletic Association a percentage of all the seats that are sold here, so all the men that are going should get their seats ahead from one of the team. A large crowd of fellows will be on hand to cheer the team in the first big game of the season and help make it a success, and show the Arena management that they are backing the Hockey Team.

CHEMISTS INVITED.

All students who are interested in chemistry are invited to attend the meeting of the Northeastern Section of the American Chemical Society to be held at 8 o'clock tonight at the Twentieth Century Club, 3 Joy street. Professor Richards of Harvard, and Professor Morris of Simmons, formerly of Tech, will speak.

CIVIL CONSULTATIONS.

Owing to unavoidable circumstances the time for first-year students interested in Courses I and XI to see Professor Spofford has had to be changed from yesterday to next Thursday, December 21st. At that time Professor Spofford will meet those men in Room 49, Eng. A, at 4 P. M.

ECONOMIC NOTE.

Of 18 cities, Cambridge pays the most per capita for police protection, except one—New Haven. Wait till we get across the river!!!

Daily Orchestra practice!

"LATIN-AMERICA NIGHT" IN UNION SATURDAY

Splendid Program Arranged With Slides and Selections Galore.

Saturday night, in the Union, the Cosmopolitan Club will be the guests of their Latin-America members. A very unique and interesting program has been arranged, and the fact that this is to be ladies' night should draw out a large number of students and their friends to award the efforts of those taking part. The musical numbers certainly contain a variety of surprises, for the members have succeeded in obtaining the Messrs. Parker and Colley, who have recently been to Central America, and who have caught the spirit prevalent there. Miss Selva E. Laramendi, of the Conservatory of Music, has also consented to play a selection on the piano.

The complete program for the evening is as follows:

1. Introductory Remarks, President David Montt.
2. Piano (Mexican Selections), Mr. Guillermo Urquide, Graduate of the N. E. Conservatory of Music.
3. "Spain, the Alma Mater of Latin-America," Mr. Robert Sturgis, President of the Spanish Club.
4. Guitar and Mandolin, Mr. Henry W. Parker, Mr. Ames H. Colley.
5. Remarks, Mr. Arthur P. Cushing, Member of the Latin-American Consular Service.

HARVARD CHINESE

Invite Cosmopolitans to Attend Their National Night.

Any members of the Cosmopolitan Club who are not going to the Winter Concert tonight have a fine chance to meet the members of the Harvard Club at their "Chinese Night." The club has extended the following cordial invitation to the Institute organization:

Harvard Cosmopolitan Club,
Cambridge, Mass.,
December 12th.

President of Cosmopolitan Club of
Massachusetts Institute of Technology,
Boston, Mass.

Dear Sir:—
The Harvard Cosmopolitan Club cordially invites the members of your club to the "Chinese Night" to be held on Friday evening, at 8 o'clock, Nos. 7 and 8 Holyoke House.

Yours truly,
Loy Chang, Secretary.

This is the second invitation that the Harvard Cosmopolitan Club has extended during the year, and those who have attended have spent a most pleasant evening with their hosts from across the river.

CALENDAR.

Friday, December 15th.

6.00—Hockey Practice—Arena.
8.00—Winter Concert—Copley Hall.
8.00—1914 B. B. vs. Haverhill High—Haverhill.

Saturday, December 16th.

12.00—Freshman Basketball Practice—Gym.
8.00—Cosmopolitan Club—Union.

EXAM SCHEDULE THE TECH TO-MORROW

THE TECH

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

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All communications should be addressed to the proper departments.

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Printed by Rutter, 147 Columbus Ave.

FRIDAY, DEC. 15, 1911

IN CHARGE OF SATURDAY ISSUE.

EDITOR—Chandler, L. W., 1912.
Associates—Foote, F. C., 1915; Spencer, W. S., 1915.

We wish to congratulate the Union House Committee in their enterprising action in placing hair brushes, hand brushes and shoe brushes in the wash room. They seem to be appreciated by the undergraduates, and many favorable comments have been heard since their addition. They are marked in such a way that even the lightest fingered would have a bit of hesitation in taking them away from their proper resting places. We hope that for the good of all concerned that they will be allowed to remain in their places for a while at least, in order that a few can get a chance to try them out.

Tomorrow will be the last day of the informal voting contest concerning the establishment of Sigma Xi at the Institute. This matter, although it seems to be a very live issue, is not arousing the proper amount of interest among the undergraduates. To date, less than 100 men out of the 1500 registered at the Institute have expressed their opinion. Does this mean that the remainder have no opinion on the subject, or that they don't care a rap either way? We hope that there are more than 6 per cent. of the men in the Institute who are interested in the live issues that come up from time to time. We hope that everyone will clip their ballot today and vote early, but not often.

PROM BALLOT ADDITION.

The following important postcard was sent to all the members of the Junior Class yesterday:

"Owing to a delay at the Cage, the name of H. N. Carlson did not reach the Class Officers in time to be placed on the ballot."

"If you wish to vote for him, write his name on the ballot and mark with a (X)."

"If ballot has already been turned in, fill out form below and leave at Cage for 1913 Class Officers before 4 P. M., December 21, 1911."

"Vote for H. N. Carlson, Instead of John Jones. Signed Sam Smith."

Every man in the class should make it a point to take notice of the addition to the official ballot, and if he sees fit, to make use of it. Don't vote in THE TECH Office, please.

TRACK MEN WORK OUT ON THE OVAL

Excellent Weather Conditions Give Men Chance to Get Outdoors.

Yesterday was an ideal day for the track men. They were out in large numbers and took advantage of the weather by practicing on the Irvington Oval. Thursday is also a free day for Coach Kanaly, and he was there, coaching the men and getting a line on the new members of the squad.

The old varsity men are rounding into shape and will form a very strong nucleus about which to build the regular team. Guething, Thompson, Eylund and Marceau are showing great speed and take the banks well. Wilson is training hard for the sprints and should make the short distance cracks step lively to beat him.

The new men find their greatest difficulty in getting around the banks, and it is especially so with those who have not yet gotten their spikes. However, the corners at the Oval are much easier to negotiate than those in the Gym, and the men who are to enter the B. A. A. meet will be coached on the indoor track.

Capt. Dalrymple had the jumpers working in the Gym, and he should develop some good men to leave behind him, and keep the honor of having the high jump champions at Tech. The hurdlers are conspicuous by their absence. But one lone man, a Freshman, is the only one who is working at present. If there are any more who can straddle a hurdle, or who think that they can, their presence would be very welcome on the squad.

CORPORATION MEMBERS.

Three New Men to Be Elected By Alumni Association.

The Nominating Committee of the Alumni Association has made the following nominations for term members of the Corporation: Louis A. Ferguson, 1898, of Chicago; Eugene C. Hultman, 1896, of Boston; Arthur D. Little, 1885, of Boston; Russell B. Lowe, 1902, of Fitchburg; J. Waldo Smith, 1887, of New York, and Eben S. Stevens, 1868, of Boston.

Ballots for the election, which will close on the twentieth of December, have been sent to all men who have been away from the Institute more than five years. Three men are to be elected.

INTERCOLONIALS WIN.

Defeat Fast Montreal Team in Exciting Game.

Defeating the Stars of Montreal in one of the fastest games of the season, by a score of three to one, the Intercolonials showed themselves to be one of the best all-round teams of the vicinity. The game was well played by both teams, but the home team had the advantage all through the game, and the Canadians had all they could do to keep them from running up a higher score.

Skilton of the Intercolonials was as fast as ever and made the best showing of the evening. Fritz and Small also showed up well for the Intercolonials. Mulclear of the visitors shot the only goal they made and played the best game for their side.

The amusing incident of the game was the blowing every second of the referee's whistle. He seemed as pleased as a child with a "penny whistle." Three men were put out of the game at different times. The lineup:

- | | |
|------------------------|----------------|
| Intercolonials. | Stars. |
| Whitten, r. w..... | r. w. Ccllegan |
| Fritz, c..... | c. Wall |
| Small, r..... | r. Kelly |
| Doe, l. w..... | l. w. Mulclear |
| Skilton, c. p..... | c. p. Gidsall |
| Davenport, p..... | p. Heffernan |
| Bray, g..... | g. Bell |

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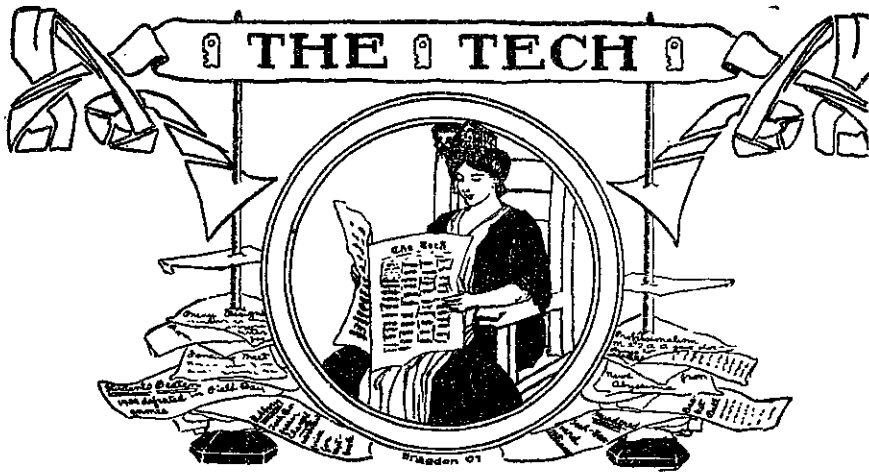
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HONORARY SCHOLASTIC FRATERNITY BALLOT.

Mark X

Are you in favor of the establishment of an honorary scholastic fraternity at the Institute?

YES

NO

Name..... Class.....

Ballots are due at the Lower Office of THE TECH before 1 P. M., December 16, addressed to the Ballot Editor.

BOSTON OPERA HOUSE

HENRY RUSSELL, Managing Director

Monday, December 11, at 8 p. m.

"CARMEN"

Wednesday, December 13, at 8 p. m.

FAUST

Thursday, December 7, at 2 p. m.

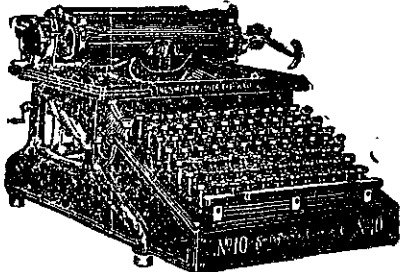
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"LUCIA di LAMMERMOOR"

Saturday, December 16, at 8 p. m.

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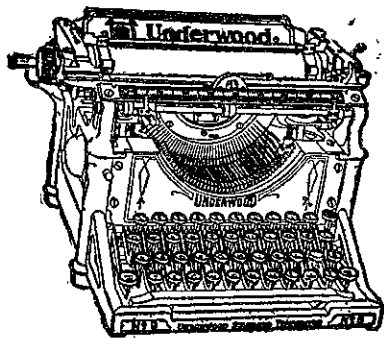


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NEW EXPERIMENT STATION AT HAWAII.

Tech Men Investigate Geophysics Near Noted Crater at Kilauea.

Few men realize the work that Tech carries on in foreign fields. One of the foremost stations is the one which was located in Hawaii in 1911, to carry on experiments and researches in geophysics. The Whitney estate provided in 1909 an endowment fund of \$25,000 for researches in geophysics which would lead to the protection of life and property from volcanic eruptions and earthquakes. The income from this fund was not available until this year, when a temporary station was established at Kilauea, with Mr. Perret in charge.

A cableway was built for spanning the crater and lowering instruments for making observations. The first time that this cable was put across it broke and fell into the lake, and upon being pulled up was found to be converted into iron sulphide. After many failures an electric thermometer was lowered into the crater which gave a reading of 1010 deg. C as the temperature of the lava in the lake. An iron pot was lowered into the crater by the cable and lava for experimental purposes was obtained satisfactorily. This shows the kind of work the men do and it is needless to say that they have many setbacks to contend with on account of the continual changing of the height of the surface of the lake and the crust of the crater.

The equipment of the station consists of a Zeiss telemeter, a portable transit, Zeiss telphoto camera, other cameras, thermograph, barograph, thermometers, anemometer pyrometers, field glass seismoscope and microphones. The seismoscope is one designed by Mr. Perret, and shows the ground to be in continual motion.

COMMUNICATION.

(We invite communications from all men in the Institute on important subjects. We take no responsibility for their sentiments and do not agree to print any that may come in, whether they are signed or not.)

To the Editor of THE TECH:

As the writer of the communication published several days ago in THE TECH, which was opposed to the founding of an honorary scholastic society at the Institute, and the one that the writer of yesterday's letter evidently refers to, I wish to defend myself and present an argument against his.

He states that high scholastic ability is not recognized at the Institute. In this I certainly disagree with him. Is it necessary to crown the victor of his studies? If a man has a certain duty to perform and does it, does he deserve special recognition for his work? If a man is sent to the Institute by his parents to learn a profession, he naturally picks out the one that he is especially interested in, spends all his time in working to this end, and, of course, will, if he has the average amount of brains, come out with flying colors. Do you think that that man should be awarded a prize for the results of his work?

I do not for a moment want you to think that hard work should not be rewarded in some form or other, but a man that works harder in studying and gets better results than somebody else, the chances are that he will be rewarded anyway. While in the "Stute" he is looked up to by others as a smart fellow, unless he is a grind, then he is laughed at.

In addition to the argument that has already been advanced opposing the society, there might be mentioned the difficulties of picking the men from the different courses that deserve special recognition. The courses are so widely different that it will be very difficult to tell, for instance, if a

(Continued to Page 4.)

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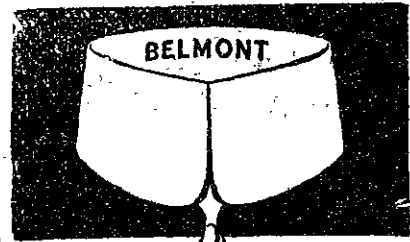
1912—Senior Portfolio ballots must
be at the Cage before 4 P. M. Satur-
day, December 16th. (67-3t)

HARVARD CHINESE
(Continued from Page 1.)
6. Piano, Porto Rican Music,
Mr. David H. Gibson.
7. Mexican Airs,
Mr. Tomas Reyes Retana.
8. Mexico and the Revolution (with
slides),
Mr. Manuel A. Hernandez.
9. Piano, "Spanish Caprice,"
Moszkowski
Miss Selva E. Larramendi, of the
Conservatory of Music.

COMMUNICATION.
(Continued from Page 3.)
man should get six "C's" and three
"P's" in one course and another five
"C's" and four "P's" in another
course, which was the most deserv-
ing.
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One Interested.

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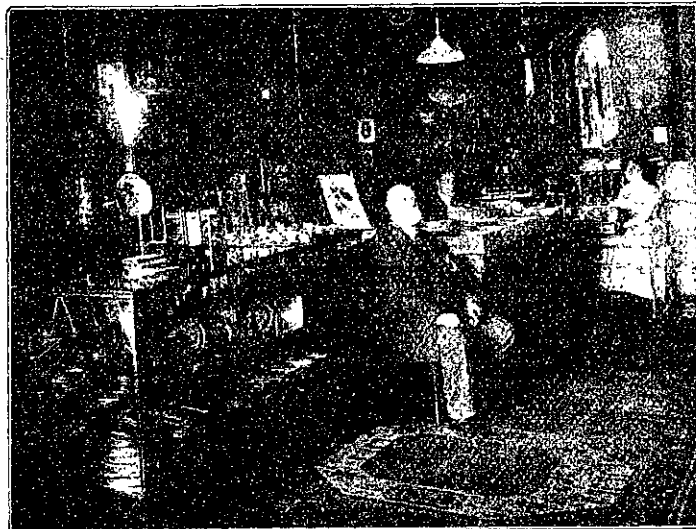
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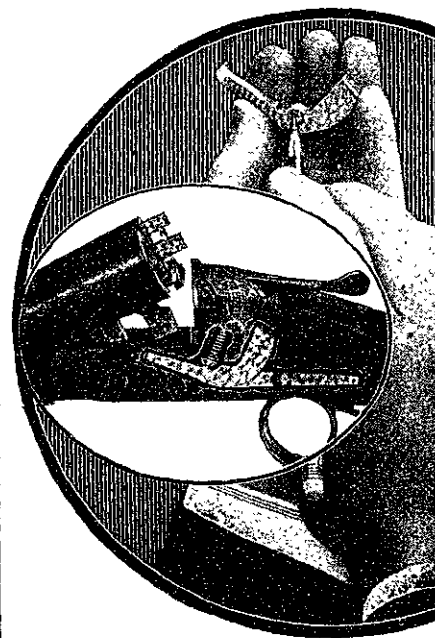
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Bursar's Report Shows Profit—To Be Spent for Improvements.

The Bursar's report on the condition of the Union for this year, up to and including December 4, is published below. This is merely a financial report, the Bursar having charge of the Union finances. The report is possibly somewhat misleading, in that there is shown a profit of \$500.76 for this term. While it is true that is the amount of surplus cash on hand at the present time, it is really not clear gain, since the major portion will be expended immediately on various necessary improvements.

The Bursar said that he did not desire to have the students think that the Union was run for the purpose of making a profit, as the report would indicate, and told of some of the improvements that would be made with the money. During the Christmas vacation a cement floor will be put in the dining room. The ceiling will also be improved by a coat of white paint at the same time. Considerable of the silverware needs replating, and it is planned to do this work in the near future. A number of chairs are either to be repaired or wholly replaced. In these ways the surplus will be put into improvements in appearance and service.

The complete report is as follows:

| | |
|--------------------------------|------------------|
| Income. | |
| Supplies on hand | \$ 615.66 |
| Candy and tobacco on hand .. | 215.78 |
| Receipts, Dining Room | 6272.73 |
| Private dinners | 882.47 |
| Receipts, candy and tobacco .. | 613.73 |
| Miscellaneous assets | 84.09 |
| | \$8685.57 |
| Outgo. | |
| Supplies, Dining Room | \$5211.27 |
| Supplies, Canteen | 586.92 |
| Pay Roll | 2241.37 |
| (Student waiters, \$647.41.) | |
| Petty cash | 5.00 |
| Repairs | 40.25 |
| | \$8184.81 |
| Gain | \$500.76 |

EXAM SCHEDULE.

(Continued from Page 1.)

- Organic Chem. Lab. 599, VII, 3, 4, 1.30-3.30.
- Railroad Engineering 313, 3, 9-12.
- Railroad Engineering 319, 4, 9-12.
- Wednesday, January 24.
- Food Analysis Adv. 649, 4, 1.30-3.30.
- German I, Entrance.
- Naval Architecture 901, 3, 9-11.
- Org. Chem. 590, 2, 3, 9-11.
- Precision of Meas. 772, 3, 1.30-3.30.
- Zoölogy and Parasitology 718, 3, 9-12.

TO EXAMINE DAMS.

Alexander R. McKim, '86, consulting engineer of New York, has been retained by the New York State Conservation Commission to conduct an inquiry into the condition of dams and reservoirs in the State with a view to preventing any failure with subsequent damage. Mr. McKim has been consulting engineer for the New York City Department of Docks.

WESTMONTS VS. B. A. A.

Tonight the fast Westmont hockey team of Montreal will meet the B. A. A. team. The former seven is reported to be one of the best from across the border, and as the Unicorn Club has shown itself to be equal to any in Boston, a crack-a-jack game is assured.

The Westmont team is composed of very fast and heavy players, but this will not trouble the B. A. A. team much, as they also are rather heavy, and the game with the Intercollegials last Saturday showed that they are "right there" when it comes to rough playing.

SECOND BASKETBALL TEAM ORGANIZED

Work for Coming Season Started Last Wednesday—Capen Chosen Captain.

Last Wednesday afternoon the Second Basketball team was organized for the coming season. The following men make up the squad: L. G. Metcalf, 1912; G. P. Capen, 1914; H. C. Sampson, 1914; K. W. Reed, 1913; J. N. Dalton, 1915; C. F. Ruoff, 1914, and W. H. Price, 1914. Capen was elected captain of the team. No manager has as yet been chosen, but Price and Ruoff have been arranging a hard schedule of nine or ten games which will appear shortly in the columns of THE TECH.

Metcalf, Sampson, Capen and Reed have been out for the Varsity team. Ruoff has been playing on the Sophomore team. Price has been practicing with the first five, and so has Dalton, a promising Freshman. The second team will work with the Varsity every Monday, Wednesday and Friday afternoon in the Gym. They have very good material and before long they ought to be able to press the regulars pretty hard in short scrimmages which they will have together. As the men who are to make up the team will not be picked for about a week or two, there is still plenty of chance for anybody to secure a position. It is hoped that all those who have been out trying for the Varsity will now show up for practice with the second team.

SOUND REVERBERATION.

Prof. Sabine's Experiments Show Way to Remedy Faults.

Professor Sabine of Harvard gave his fourth lecture on Architectural Acoustics in Huntington Hall Thursday evening, and it was one of the most interesting of the series. He explained the experiments in which he has had occasion to use his results and methods obtained during several years of operation.

In opening he recalled several facts stated in previous lectures in regard to the absorption of sound. Various objects in a hall have the ability to absorb but a single note; it is now necessary to find values for a combination of several notes and sounds, in such a way that reverberation could be brought to any desired constant for any room, and be made more or less brilliant by the addition of materials for sound absorption.

A most interesting feature of the lecture was the explanation of the practical working of the various means which Professor Sabine employs in the correction of the sounding qualities of several of the practice rooms in the Conservatory of Music. Just after the construction of the building it was found that many of the rooms were wholly unsatisfactory for practice because of their lack of sound absorbing qualities. Professor Sabine was asked to make an examination and improve the faults if possible. He stated however that much better results could be obtained if the desired reverberation was determined first. Accordingly, and by experimenting in their presence with the addition and subtraction of many sound absorbing materials whose constant was known, the desired conditions were established.

TECH MAN WILL SERVE.

John D. J. Moore, '95, of New York, has been nominated by Governor Dix to be one of the three members of the State Conservation Commission. He is a consulting engineer and has been prominent in proceedings relative to the revising of the building laws. He has already served on a committee appointed by the Board of Aldermen in this regard.

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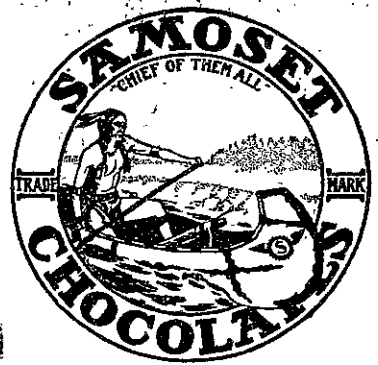
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SATURDAY, DEC. 16, 1911

IN CHARGE OF MONDAY ISSUE.

EDITOR—Oettinger, M. A., 1914.
Associates—Belcher, Don., 1915; Mann, E. W., 1914.

The leaders and managers of the various musical organizations are to be congratulated for the fine concert which they put out last evening. Everyone present, and that was all that the hall would hold, were loud in their praises of the playing of both the Musical Clubs and the Orchestra. It seems that with such good clubs to place before the public, there is no reason why both organizations should not be able to arrange Western trips satisfactorily and then make a good impression on the trip when they go. We hope that this trip will be assured before long, because it will give the outside world a chance to see what Tech men can do when they set out.

Today, at 1 P. M. the Ballot Box of THE TECH will close and the votes for and against the formation of a chapter of Sigma Xi at the Institute will be counted. To allow for many that may be in the mail, the result will probably not be announced before Tuesday, and then we will promise to let you know what the opinion of the undergraduates is on the matter. There are still a large number of men who have not taken enough interest to vote, and we wish to impress on them the idea that no votes received later than 1 P. M. today will be counted, and, therefore, now is the time to get your little pencil and make an X, thus showing that you are alive. Several of the Faculty have suggested that THE TECH keep in its file, under the head of "LIVE MEN," the names of all who vote in this contest. All others will be considered theoretically dead. If you are alive, get busy and show it.

1914 BASKETBALL.

(Continued from Page 1.)

played a star game, and Captain Comber ran the team in fine shape.

At the rate the first-year men are starting out it looks as if they are going to make a clean sweep of all their games this season. Their next game is with Allen School, on December 19th. The lineup at Haverhill was as follows:

M. I. T., 1914. Haverhill.
Tirrell, r. f. l. b. Davis
Comber, l. f. r. b. Newbegin, Brasseur
Ruoff, c. c. Moss, Reed
Price, r. b. l. f. Mackay
Williams, l. b. r. f. Childs
Score: 1914, 25; Haverhill, 20.
Goals from the floor, Tirrell 6, Williams 3, Comber 2, Childs 5, Mackay 2, Moss 1. Goals from fouls, Ruoff 2, Mackay 5. Referee, Schlenker. Time, 15 and 20-minute halves.

CIVIL SMOKER WITH TALK ON SUM. SCHOOL

Professors and Grads to Show Many Advantages From Old Ideals.

A veritable galaxy of speakers has been promised for the first big smoker of the year, to be held next Tuesday evening, in the Union, by the Civil Engineering Society, on which occasion the New Engineering Summer School at East Machias, Maine, will be the subject under discussion. Professor Charles M. Spofford, head of Course I, Dean Alfred E. Burton and Professor A. G. Robbins, who has been more intimately connected with past summer schools than any other member of the department, will be the Faculty members to address the meeting. They have a number of excellent slides of the location and the construction work on the camp, and will give the men who are to christen the project next summer many new ideas of the work.

The society is not going to let the professors do all the talking by any means, and four prominent graduates who have been interested in the new camp at East Machias in one way or another will be on hand to give their views of this innovation in the department. These are Leonard Metcalf, '92, of the firm of Metcalf & Eddy, Consulting Engineers; Frederick, H. Fay, '93, Deputy Commissioner of Public Works in Boston, and Albert Bemis, '93, former president of the Alumni Association, all of whom were on the committee which brought the dream of a Technology Civil Engineering Summer Camp into a reality, and Walter H. Kilham, '89, of Kilham & Hopkins, the architects who designed the camp buildings.

The festivities will start at 8 o'clock in the social room of the Union, and it is claimed by the committee that there will be plenty to eat in the line of light refreshments.

WINTER CONCERT.

(Continued from Page 1.)

get their breath. After intermission dancing was resumed until about two, when the party broke up.

The matrons were Mrs. Richard C. Maclaurin, Mrs. Alfred E. Burton, Mrs. Allyn L. Merrill, Mrs. Henry P. Talbot and Mrs. Walter Humphreys.

The program follows:

1. Magic Flute, Mozart. Orchestra.
2. The Song of the Cannibal, Scott. Glee Club.
3. Pink Lady Waltzes, Carroll and Odell. Mandolin Club.
4. Sweet Corn, Weidt. Banjo Club.
5. Under the Southern Moonlight, Allen. Vocal Quartette.
6. (a) Faust, Gounoud. (b) Cleopatra Dances. Orchestra.
7. Butterfly Waltz, Andreeff. Mandolin Club.
8. Winter Song, Bullard, '87. Glee Club.
9. Evening Chimes, Rollason and Odell. Mandolin Quartette.
10. Plantation Symphony, Paul Eno. Banjo.
11. Stein Song, Bullard, '87. Glee and Mandolin Clubs.

STRENGTH OF TIMBER.

Mr. F. J. Hoxie, of the class of '92, and who is now inspector for the Factory Mutual Insurance Company, will give a lecture on Tuesday, December 19, in 11 B, at 4 P. M. The subject of this lecture is: "The Effect of Fungus Growth on the Strength of Timber." Mr. Hoxie has information which is of extreme value to engineers, as is seen by the title. All of the students who are interested in construction should avail themselves of this exceptional opportunity.

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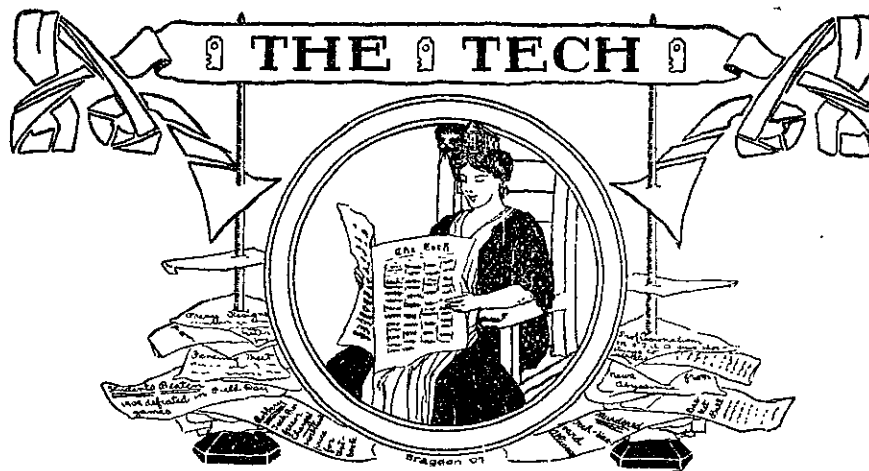
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