HARE AND HOUNDS
AT NEWTON TODAY

Cross-Country Men Run Over New Handicap Course at Wakefield.

For the first time this year, the cross-country men will not run with the hare and hounds this afternoon. On account of Coach Kanaly's new ideas of giving cross-country work to all, none of the members present will run. The track men will have a slow three-mile run at Newton, while the cross-country team will go over a course at Wakefield.

K. Cartwright picked out a fine three-mile course at that place yesterday afternoon. The handicap race will be run over this course. The country is remarkably open and offers every kind of topography. The only difficulty is that the finish cannot be at the Field.

The hare and hound squad will leave Trinity Place station at 1:55, and the cross-country team will leave the North Station station at 2:20. Both teams are expected to go on the run at Newton.

This kind of work is just what is needed to get them in condition for the indoor season. The Stata is up to an average of 120 pounds at this time. The Swimming pool will be at the disposal of the paper carriers.

FRESHMAN NOMINATIONS

Due at the Cage Not Later Than Tuesday of Next Week.

Tuesday is not very far off and the nominations for the Freshmen class are not coming as fast as they should. All the nominations have not yet been turned in at the Cage before Tuesday night, November 14, 1911, signed by the Freshmen in good standing.

The offices to be filled are as follows: President, Vice-President, Secretary, Treasurer, and Assistant Secretary. There are two men elected to the Athletic Association which is to take the place of the late--the members of the class and will be elected. All elections are open to all members of the class.

The polls will close on Tuesday, the 21st, one week after the nominations are turned in. None of the votes will be counted unless the voter has paid his dues and is trusted to report to the managers of the class when they have cut often, perhaps frequently.

The real social part of the affair followed the game. Refreshments were served, the men gathered about the piano for songs, considered the talent being possessed. It was in reality a stag party, and the men unanimously voted it a success.

PHONE CALL RECORDER

Invention of Australian Proves of Great Practical Value.

An automatic telephone call meter is at last not only a possibility but a actuality. It is claimed that it was both expensive and almost impossible to keep an accurate account of the number of calls from any phone is now a thing of the past. The present meter is a product of the work of the well known Australian inventor, E. G. Goffree, Melbourne.

In the past the telephone companies have always claimed that when the operators were busy they could not read all the calls, and it has always been a favorite game for subscribers to complain that they were charged with too many calls. This new meter will keep a record of the number of calls from any phone and a running account of the number of calls. The meter is an invention of the well known Australian inventor, E. G. Goffree, Melbourne.

MECHANIC ARTS
HIGH MEETING

Members Will Attend Dorchester High Gant Thanksgiving Day.

With a considerable attendance the Mechanic Arts High School last night opened its social campaign in honor of a whist party. The members present were almost wholly from the two lower classes, and this, coupled with their prep school companionship, made for a merry evening.

At 8 o'clock the meeting opened with the high school band beginning to play. A little later the members were asked to sign the ballots, and the new officers were introduced. The meeting was adjourned at 9:30 with high praise of the proposal that they attend the annual Dorchester High M. A., H. S., football game on Thanksgiving morning. They decided to attend the game in a body if the requisite number of seats could be purchased in one section. The tickets will be procured at once and placed on sale with the various officers at the high school. The members who wish to go are requested to turn in their ballots as soon as possible.

There have been an unusually large number of applications for this trip, and it is feared that the meeting may be excused from the required work by the substitution of some one of the other branches of athletics. This will be of great help to the Track, Football, Baseball, or Gym Managers, for it will give them a larger number of men to pick from, and at the same time it will insure attendance on the part of the Freshmen.

There is one point in this work that the men have not lost sight of in the past years, and that is the fact that they are trusted to report to the managers of the different sports just as regularly as they would report for the drill on the field, and that every time that they put the work into the game they violate the confidence placed in them by Coach Kanaly and Denn Burton, who have directed supervision of this work, when the time comes to make the report for the season.

In past years the men have found advantage of the fact that they have the work of the managers and their assistants, but this year the managers will be required to keep an account of the attendance of the members on their squad and turn it in to the managers of the various teams. This will be a failure in Physical Training.

NEW VARSITY COMMITTEE

The new varsity committee is now in control of the underclass stunts that they are to go through during the remainder of the year. The committee was composed of the three underclassmen who are members of the varsity committee, and the new members of the class.

CHEMICAL RESEARCH
WORE DURING SUMMER

Work of Student Experimenters Accomplished Valuable Results.

During the past summer extensive investigations were carried on in the Chemical Laboratory. Several experimenters were engaged in this work and the results are consequently kept secret. However, it is interesting to see what was taken up. At the beginning of the summer a new technique has been developed. It was first intimated, thus permitting the use of many materials which are heretofore not capable of producing all degrees of temperature.

Recent experiments for means for recovering the by-products from waste palm oil were made and an important discovery was made. This means a saving of thousands of dollars a year to the tallow manufacturers.

Another investigation was made of the tallow that had been run through it was thrown away, or sold for a very small price.

UNION DINING ROOM
IS EVER BOOMING

Junior Dinner One of Best Ever and Improvements Show Up Every Day.

The dinner which was served to the Class of 1913 in the Union Dining Room on Thursday night was one of the best in every way that has ever been put on by the great steward, Mr. Colton. Everything on the well-balanced menu was right, and it was served at just the proper time. No one required on the table.

The dinner was made up by the Dining Committee of the class which was composed of the men who have had those made in the Union, but the feature of the dinner was the service on the part of the Union. Under the Union the dinner seems to be coming into its own, which is very near the same service in any other of the surrounding restaurants.

The number of men who eat in the Dining Room is steadily growing, and the men have been trying to improve their service and has accomplished what might almost be called wonders along this line already. This means that is going to make things more pleasant for the fellows who use the room. It is not possible to get in and out on the high speed, as every one wants to during the noon hour.

The Bursar is still inquiring if there are any more men who have had any suggestions that they would be willing to make about the kind of food that is served. Any one who thinks of anything in the way of combinations or new methods in conducting the Dining Room is welcome. It is in the Bursar's office at any time.

HARVARD RUNS YALE

Crimson Team Is the Favorite But Race Very Slow.

The Harvard cross-country team will meet Yale this afternoon in what promises to be the most closely contested dual meet of the season. Each team has run one race this year, Harvard with 10 from Tech, and Yale from Princeton. The Harvard team is composed of the men who are taking the Freshman course in 1911, while the Yale team contains several new members.

The Harvard cross-country team is a slight favorite it will it by no means be without exciting competition and the results are consequently kept secret. However, it is interesting to see what was taken up. At the beginning of the season a new technique has been developed. It was first intimated, thus permitting the use of many materials which are heretofore not capable of producing all degrees of temperature.

Recent experiments for means for recovering the by-products from waste palm oil were made and an important discovery was made. This means a saving of thousands of dollars a year to the tallow manufacturers.

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CALENDAR.

Saturday, November 11, 1911.

3.00--Harvard and Hounds Leave Trinity Place-Newtown.

3.00--Harvard vs. Carlisle-Stadium.

VOL. XXXI. NO. 40
BOSTON, MASS., SATURDAY, NOVEMBER 11, 1911
PICH TWO CENTS
THE TECH.

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

Entered as second-class matter, Sept. 15, 1893, at the post office at Boston, Mass., under the act of Congress of March 3, 1879.

Managing Editor
H. W. Hall, 1912....General Manager
A. Ottinger, 1911....Assistant Editor
P. M. He will talk on some "Financial Problems in Engineering." Considering the nature of Mr. Storrow's business, he should be particularly fitted to handle the subject, for his life work has been advising brokers, capitalists and financiers about engineering problems, and the advisability of making investments in a proposition of this kind. Frequently he has to advise on structural improvements or the advisability of further construction expense on a particular place which he has done a grand deal of work along development lines in irrigation and other hydraulic engineering projects.

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Special Announcement. Due to the removal of the Boston store to 336 Washington Street, I am offering a discount of 30 per cent. on all orders received from now on until the middle of December—a great opportunity for any one who appreciates good clothes. All my woolens are of foreign texture.

Style and workmanship guaranteed of the best.

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JOSEPH C. WEBSTER

MANAGEMENT ASSOCIATION

GENERAL MANAGERS OF PUBLIC SERVICE CORPORATIONS

MANAGEMENT CORPORATION

CONSTRUCTING ENGINEERS
To the Editor of THE TECH:

As a former editor of Technique I have followed with considerable interest and anxiety the developments concerning the lost key to the Technique case in the Union, and I noted that the Union House Committee has decided that they have neither the initiative nor the power to hire a locksmith to design a new key. Since I am greatly interested in the preservation of the Technicians in question, I take the liberty of offering another solution for the difficulty.

I recommend that some interested parties and THIS TECH seem to be the most interested aside from myself — prepare and obtain signatures forming a monster student petition for the remedy of the matter. This petition might then be presented by the Institute Committee for conservative dissolution at a regular meeting. If the Institute Committee then deemed it advisable, a committee composed of its executives might be appointed to wait upon President MacLaurin with the request that he present arguments in Faculty meeting favoring the suggestion that some responsible person (the Junior or the President of the Senior Class) remove the hinges carefully from the said Technique case. If the matter were properly presented to President MacLaurin and the further condition imposed that, when the hinges are replaced in their proper position, the hinges will be reset and the case securely sealed and insured by the Pinkerton agency, I believe that the Faculty will gladly acquiesce.

Trusting that this plan or some similar one may result in a settlement of the difficulty involved, I beg to remain

Very truly yours,

D. R. Stevens, 1911.

COMMUNICATION

Continued from page 2

think that there was any disturbance inside the Union. The whole incident merely emphasizes the fact that two or three persons, by talking or laughing during an address, may so disturb those who are near them as to spoil the whole effect of the meeting. Evidently some few men did so among some of their neighbors last Thursday. I am sure that they did not do so intentionally, and that they will be more careful in the future.

Respectfully,

L. B. Talbot.

CHEMICAL WORK

Continued from page 1

sum. By selling the bi-products obtained from the oil, a much larger amount of money may now be realized. Another saving factor was found by the utilization of a product obtained from wool grease. Previously, wool grease was a nuisance, it being entirely wasted. Now it is hoped to find a commercial use for it. A process was found by which glycerine may be obtained in other ways than by the use of animal fats. The results show that glycerine may now be obtained at a reduction in cost, thus lowering the cost of the product itself.

An important result was accomplished by obtaining an electric insulator which will stand the temperature of molten iron. By the use of this insulator heating-stoves may be cast around the melting pot. A structure study was made of the coating of galvanized iron. Not only was a new means found for testing galvanized iron, but a danger was discovered which will not crack upon bending the iron. This means a prevention of the corrosion of iron.

An investigation was successfully carried out by which a salt has been found which will protect iron against corrosion. These investigations will be of inestimable value to the concerns founded by them.

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SPECIAL NOTICE

The Tech has a limited supply of Durham Duplex Razors. These can be obtained at Tech office for 35 cents each, which
THE TECH, BOSTON, MASS., NOVEMBER 11, 1911

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 Classified Advertisements and Notices

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1915.

Nominations are open for 1915 Class officers. Leave all nominations or compacting at Cage. A list of officers will be posted at the Cage or on the bulletin board.

LOST—Phi Sigma Rappa Fraternity
Pin Friday, at or near the Field. Reward for return to Cage for H. S. Carrier.

IMPORTANT NOTICE, HOCKEY CANDIDATES.
All men who have reported for the squad will meet in the Union at 10 o'clock today. Matters of importance are to be discussed so everybody out.

FOURTH-YEAR OPTION IN PUBLIC SPEAKING.
The exercise on Monday, November 13, will be held from 9 to 10, in 24 Walker. Members of the section are to engage in an informal discussion, and students having the hour free are cordially invited to attend.

"The Little Place"
"Round the Corner"

Copley Lunch
QUICK SERVICE

NATIONAL SHAWMUT BANK
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Condensed Statement at Close of Business Sept. 1, 1911, as reported to the Comptroller of the Currency.

**RESOURCES**

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**LIABILITIES**

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<td><strong>$96,259,904.09</strong></td>
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