

# THE TECH

VOL. XXXV. NO. 44.

BOSTON, MASS., MONDAY, NOVEMBER 22, 1915

PRICE THREE CENTS

## MAINE LEADS CORNELL IN CROSS COUNTRY

New Englanders Break Into List  
Of Champions—Technology  
Gets Eighth Place.

Maine nosed Cornell out of championship honors in the big I. C. A. A. A. cross-country run Saturday morning at Franklin Park by the narrow margin of three points. It was a wonderful race in which the great running of the New Englanders in placing four out of the first ten men far outweighed any advantage gained through individual honors. Maine scored 51 points, Cornell getting 54.

Technology could get no better than eighth place, Capt. R. G. Brown being the only member of the team to place among the leaders. Although Brown took the individual honors in the New England event last week, this time he could not come up to his former standard and came in the fifth man, following Overton of Yale, Potter of Cornell and Bell and Preti of Maine. Last week he defeated both Bell and Preti.

(Continued on Page Three)

## TECH ORCHESTRA

Results So Far Encouraging  
—Plans For Concerts.

Arrangements have been made whereby Mr. Howard is to take charge immediately of the Tech Orchestra which is developing favorably. Although the showing has been good, more players are needed in the string and wood sections. Rehearsals are held every Wednesday afternoon in the Union at 4.15 o'clock.

A large number of men, including several new candidates, were present at the rehearsal Wednesday, and the orchestra is now on the way to become a permanent organization.

Any fellow who plays an instrument and who can spare an hour a week may attend the next rehearsals and obtain first hand knowledge of the organization, or may leave a note at the Cage for the Tech Orchestra.

## LYRIC WRITERS

The first meeting for those interested in writing lyrics for Tech Show 1916 will be held in the Show Office, Tuesday afternoon, November 30 at 5.00 o'clock. In order that the men may get an idea of the character of the lyrics to be used, portions of the books will be read, and the three authors will be present to explain details and answer questions.

## PROM COMMITTEE NOMI- NATIONS DUE FRIDAY

Must Be In At The Cage By  
Four-thirty—Ballots To  
Be Mailed.

Nomination papers of candidates for the Junior Prom Committee must be turned in at the cage not later



E. P. BROOKS, '17.

Chairman Junior Prom Committee.

than 4.30 P. M. next Friday, November 26th. Each ballot must be signed  
(Continued on Page Two)

## BIG PICTURE TODAY

Mass-Meeting On Copley Green  
At Noon Today.

The first all-Technology photograph will be taken on the Green at Copley Square at 1.05 o'clock today. The picture was postponed last Friday on account of rain, but a bigger crowd than ever is expected to be out as a result of the longer notice which has been given.

To avoid delay the class will under meet their Presidents as follows: Seniors and Juniors on the Boylston Street side, Sophomores on the side toward the Copley Plaza, and the freshmen, under the direction of "Rusty" White, opposite the Library.

## SENIOR DINNER

The Senior dinner is to be held at the Hotel Lenox on December 2nd at 6.30 o'clock. Although the cost per plate will be \$1.25, the tickets will be sold for \$1.00, the class paying for the remainder. Tickets will be on sale early this week.

## FRESHMAN CLASS PER- MANENTLY ORGANIZED

Griffin President By Large Ma-  
jority—Miss Brennan Made  
Secretary.

Practically all the freshmen who had paid their dues came out to the first 1919 elections with the result that the officers elected are thoroughly representative of the wishes of the class. A. E. Griffin was made President by a large majority, but his backers were not to be compared with those of Miss C. T. Brennan who is now the class Secretary. Miss Brennan was the only "Co-ed" to run for an office and her success shows that Suffrage was not completely suppressed by the recent defeat.

L. W. Dalton was elected to the Vice-presidency and A. E. Garnsey to the position of Treasurer. This office was hotly contested, each section holding very solidly for its particular representative. A. E. Page was very appropriately appointed to the M. I. T. A. A. considering his work as captain of the Football Team. His companion in office is G. F. French, a member of the tug-of-war team. A. L. Winslow, who has been one of the freshman cheer leaders, was elected to the Institute Committee with K. A. Wright while the two members of the Executive Committee are G. H. Davis and J. W. Reis, Jr.

## LECTURE ON SEA SLEDS

Inventor Will Describe First  
Rough Weather Speed Boat.

Tomorrow afternoon at four o'clock in 11 Eng. B. a lecture on the Sea Sled will be given by Mr. Albert Hickman. While the speaker has been secured by Professor Peabody, the subject was considered to be of general interest enough to be given before the whole Institute, instead of before the Naval Architecture Department alone.

The Sea Sled that has been developed by Mr. Hickman is perhaps the only speed craft that is not dependent on the weather. Ordinary displacement boats which are reasonably seaworthy can make as much as twenty miles an hour comfortably, but it is seldom that they run much higher. Hydroplanes, on the other

(Continued on Page Six)

## GLEE CLUB

The names of two successful candidates for the Glee Club were omitted from the list turned in for last Monday's issue of The Tech. The names were: W. S. Fraser and R. S. Sidelinger.

## DATE SET FOR COM- BINED CLUBS CONCERT

Will Be Held At Copley Hall  
On December 17—New  
Features Added.

Arrangements are well under way for the annual Winter Concert and Dance of the Combined Musical Clubs, coming on Friday evening, December seventeenth. This event, which is one that has steadily risen to its present high standing as a feature of the social life at the Institute, will  
(Continued on Page Four)

## INTER-FRATERNITY CON- FERENCE MEETING

Held At Engineer's Club On  
Thursday—Complete List  
Of Officers.

The following officers were elected at the meeting of the Inter-fraternity Conference held at the Engineer's Club Thursday night: President, T. D. Brophy; Vice-president, P. N. Cristal; Treasurer, L. L. McGrady; Secretary, W. H. Fleming. In addition to these, three men, Messrs. C. W. Loomis, W. M. Shakespeare and R. Millis, were elected to constitute an executive committee. The fraternities represented and their delegates are as follows: Sigma Chi, K. M. Sully and L. L. McGrady; Theta Xi, J. G. McDougall; Chi Phi, T. D. Brophy and G. Roper, Jr.; Delta Kappa Epsilon, C. R. Lord and D. G. Tarpley; Phi Beta Epsilon, E. F. Hewins and R. Millis; Delta Upsilon, W. M. Shakespeare and F. Bernard; Sigma Alpha Epsilon, L. Lawrason and W. S. Freethy; Delta Tau Delta, W. H. Fleming and G. D. Kittredge; Phi Gamma Delta, H. B. Shepard and H. P. Eddy; Phi Sigma Kappa, G. H. Gaus and G. M. Lovejoy; Theta Chi, J. A. Tobey and W. M. Angas; Phi Kappa Sigma, J. P. Uhlinger and P. N. Cristal; Alpha Tau Omega, P. H. Buxton and W. G. Farr; Theta Delta Chi, A. K. Stewart and A. E. Moody; Lambda Phi, A. E. Haberstadt and L. T. Hill; Lambda Chi Alpha, L. Stone and D. Ely; Beta Theta Pi, C. W. Loomis and B. F. Dodge; Kappa Sigma, H. E. Schabacker and R. S. Stevens.

## CALENDAR

Monday, November 22, 1915.

1.05—All-Technology Picture. Copley Green.

Tuesday, November 23, 1915.

4.00—Lecture on Sea Sled by Albert Hickman. Naval Architectural Society. 11 Eng. B.

5.00—Meeting of Lyric Writers. Tech Show Office.

ALL-TECHNOLOGY PHOTOGRAPH TO-DAY 1:05 P. M.

# THE TECH

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K. Reid, '18 ..... E. A. Grunsfeld, Jr., '18

MONDAY, NOVEMBER 22, 1915

## THE PROM COMMITTEE.

As the climax of the social activities of undergraduate life the Junior Prom deserves the best ability that a class can provide. The fact that the class has already selected in its president a competent man for chairman of the Prom Committee does not mean that it will be a fine thing to award the other four positions to the good fellows whom everyone would like to see have some sort of an office. In making the nominations for the Committee there are two qualifications which should be rigidly applied to each candidate: He must understand the social requirements of the office and he must have unquestioned business ability.

## COMMUNICATION

To the Editor of The Tech:

The recently organized Tech Orchestra has already had two rehearsals, and there are prospects of having an excellent student orchestra. Mr. Howard has been engaged as coach, and he plans to start work within a short time on a concert program. Although the showing made is good, more players are very much needed, particularly in the string and wood sections. Rehearsals are held every Wednesday afternoon.

Anyone who plays an instrument and who can spare an hour a week should come to the rehearsal next week, or leave a note at the Cage for the Tech Orchestra.

DONALD W. MACARDLE, '18.

## COURSE XV STUDENTS ON INTERESTING TRIP

### Juniors In Engineering Administration Visit Babson Laboratories.

About twenty men in Course XV went to the Babson Statistical Organization's place at Wellesley Hills, Thursday afternoon, where they were presented with first-hand detailed knowledge of the working of the famous Babson statistical systems. The department heads of the company talked to the men on three of the branches of the service, viz., the Commodity, the Investment, and the Mercantile-service.

Supt. Peavey explained in particular the meanings of the curves on the "desk-sheet" which is a special thing that the company publishes. The sheet contains graphical statistics of such matters as Bank Clearings, Labor Conditions, Foreign Trade, American and English Commodity Prices, General Confidence, etc. From this chart all the different graphs bearing on one subject are brought into composite form. The composite chart is the basis of the Babson idea, and seems to back up the Babson idea that the law of action and reaction holds as well in business relations as in the province of physics.

The Babson statistical service predicts the general trend of business conditions in any line, and the system has been worked out so carefully that the company's reports are 99% efficient. No definite predictions as to specific conditions at any given time is attempted; all the service undertakes is the forecasting of the general tendency of the market.

The work of this sort was begun in 1890, and has been continually brought to such a degree of efficiency that a great number of firms place great confidence in the reports put forth every two weeks by these experts.

The charts are comprehensive and convey at a glance such information as may be required. The special system of the composite chart is made up of separate graphs of the market's fluctuations.

Tomorrow afternoon the rest of the men in the statistical course—a number that will comprise a party of about the same size as made the trip last week—will go to the Babson laboratories, and receive approximately the same instruction. The men will leave Trinity Place on the 2.09.

## JUNIOR PROM

(Continued from Page One)

by ten members of the class and each nominee must have his class dues paid before the above time.

Five men are to be elected and the ballots will be mailed to every member of the class by next Monday. The ballots must be polled on Friday, December third.

L. P. Brooks as president of the Junior Class will act as Chairman of this committee which has the entire control and management of the Prom.

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**CROSS COUNTRY RUN**

(Continued from Page One)

Yale placed her crack runner, Overton, at the top of the winners, the Eli negotiating the six miles in 33 minutes, 31 2-5 seconds. His victory was hard fought, however, and it was not until the very last stretch had been covered that the Yale runner found himself well in the lead. Brown of Technology and Potter of Cornell, the latter having won the event at New Haven last year, were considered as the men who would fight for first place in the race, but in the last two miles neither of these men were real contestants for the individual honor.

The race for first place was between Overton, Bell and Preti, all three plugging hard throughout the long race. At the final stretch Overton had a fifteen-yard lead on Preti which the latter tried vainly to overcome. But the Yale harrier held his lead and won, Preti following a few yards behind, and Bell leading Brown by thirty yards. Potter, the famed Cornell runner, led Brown by only a few yards.

Technology might have made a better showing had there been more men on the team as good as the captain. After Brown had crossed the tape in fifth place Guething, the twenty-second man in the race, was Technology's second man to place, but it was not until forty men had finished in the race that the third runner placed for the Institute. McVicker was forty-first, Graff forty-eighth and Dodge fifty-seventh in the race, thus accounting for Technology's score of 173 points.

Technology was the host for the runners last Saturday, the contest being held under the auspices of the Institute track management.

The team scores:

Maine	2	3	8	10	28—	51
Cornell	4	7	9	16	18—	54
Princeton	6	13	21	36	37—	113
Dartmouth	12	14	25	26	38—	115
Pennsylvania	20	27	30	33	44—	154
Harvard	17	23	32	34	50—	156
Syracuse	15	19	40	43	46—	163
Technology	5	22	41	48	57—	173
Yale	1	29	55	58	65—	208
Michigan	11	42	62	63	70—	248
Columbia	39	52	64	72	73—	300
Brown	31	54	69	74	75—	303

The order of finish was: J. Overton, Y., 33:21 1-5; 2, Preti, Me., 33:26; 3, Bell, Me., 33:20 2-5; 4, Potter, C., 33:31 2-5; 5, Brown, T., 33:39; 6, Floto, P., 33:49 2-5; 7, Hoffmire, C., 33:50 3-5; 8, Dempsey, Me., 33:58; 9, Windnagle, C., 34:04; 10, Wunderlick, Me., 34:07 2-5; 11, Carroll, Mich., 34:24; 12, Sherburne, D., 34:32 2-5; 13, Shotwell, P., 34:35; 14, Tucker, D., 34:38 2-5; 15, Newkirk, S., 34:40 2-5; 16, Corwith, C., 34:41; 17, Fuller, H., 34:46 2-5; 18, Tinkham, C., 34:48; 19, White, Sy., 34:50 2-5; 20, McMichael, P., 34:50 2-5; 21, Glover, P., 34:53; 22, Guething, T., 34:57 2-5; 23, Twichell, H., 34:58; 24, Beckwith, C., 34:58 2-5; 25, Durgin, D., 34:59 2-5; 26, Lord, D., 34:59 2-5; 27, Colton, Penn., 35:11; 28, Hysom, Me., 35:15 2-5; 29, Young, Y., 35:23; 30, Eiste, Penn., 35:25; 31, Coop, B., 35:25 1-5; 32, Betchell, H., 35:30; 33, Liebermann, Penn., 35:36;

(Continued on Page Six)

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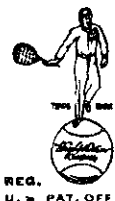
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### WINTER CONCERT (Continued from Page One)

be held this year at Copley Hall on Clarendon Street. The date selected comes in the last week before the Christmas holidays.

After almost two months of hard practice, the Clubs are now performing in mid-season form. The initial concert of the season, given November 16 at the Franklin Square House, served to give both the leaders and the men an idea of what may be expected of the Clubs this year. Other concerts booked for dates before the Winter Concert are at the Dudley Street Baptist Church on November 30, at Wheaton College, Norton, Mass., on December 4th, and at New Bedford on December 7th.

The same idea of program will exist this year as last, that is, a concert of vocal and instrumental numbers interspersed with vocal solos and other features. The Glee Club is under the leadership of P. W. Carr '18, of Lawrence, while M. M. Brandegee '17, formerly of Yale, leads the Mandolin Club, and R. Stewart Rowlett, '16, of Brookline, holds a like position on the Banjo Club. The clubs are coached this year by the same experts who have handled them in the past, C. L. Bennett of the New England Conservatory of Music for the Glee Club, and G. L. Lansing, noted throughout the country as an expert composer and plectrum artist, for the instrumental clubs.

Several new features will be presented this year, among them a short skit dealing with college life in its lighter vein. This is the work of I. B. McDaniel '16, the author of Tech Show 1915. The men taking part in the sketch are all members of the Glee Club. Another feature of this entertainment will be a Mandolin Sextette, composed of Mandolin Club men. The lively rag-time presented by this group is rendered in a particularly pleasing and spirited manner and has gained much applause in concerts to date.

The dance which follows the concert will last from ten until two o'clock. The music will be furnished by Lowe's orchestra, one of the prominent organizations in the city that plays at the social functions of Harvard and other local schools. As has been the custom of years past Maddalena will preside over the catering during the intermission.

The management has decided to reserve tickets in blocks of ten or more before the regular reserved seats go on sale. This is for the benefit of the various fraternities which are planning to hold house-parties over the week-end and for other organizations who may wish to avail themselves of the plan. This arrangement is bonafide and is open to any group of people of ten or more. The reservations will be made in the order in which the applications are received.

Tickets for the affair are now in the hands of club members from whom they may be obtained. Reserved seats go on sale about December 10th. Preliminary dance orders will be distributed about one week before the date of the concert.

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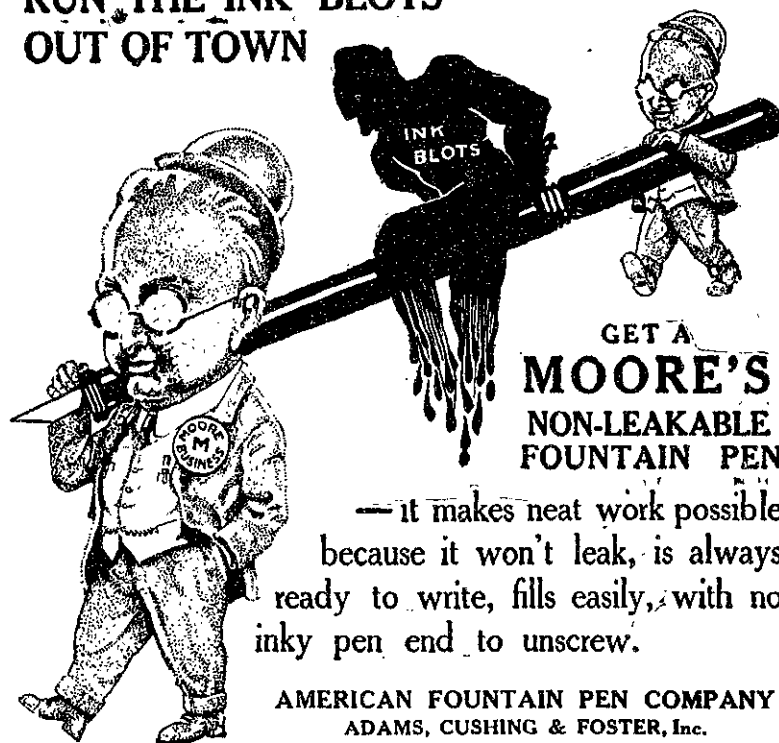
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**BARKER OPERATED ON**

J. W. Barker '16 was seized with appendicitis early last Friday morning and underwent a successful operation that afternoon. It is expected that he will be able to resume his Institute work in about two weeks.

Barker is a member of the Phi Kappa Sigma fraternity, is president of the Officers' Club, major of the first battalion in the Technology Regiment, and captained the winning company at prize drill last year.

**SHOW STAR ROBBED**

The home of Kenneth W. Faunce '12, leading comedian in three Tech Shows, was entered last Friday and \$1530 of loot was taken. Mr. and Mrs. Faunce were away and the maid left the keys in the mail box where they were evidently discovered by the thieves, who ransacked every room in the house.

**FACULTY NOTICE**

Military Drill and Military Science Lectures will be omitted on Wednesday, November 24th, and on Friday, the 26th. MAJOR EDWIN T. COLE.

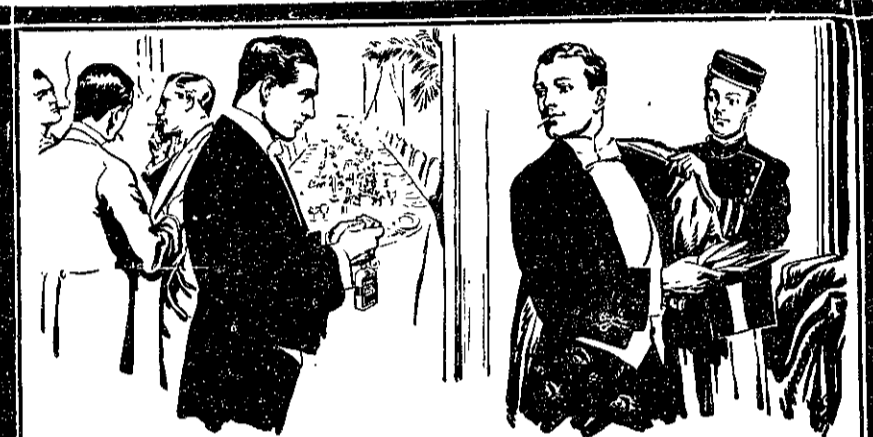
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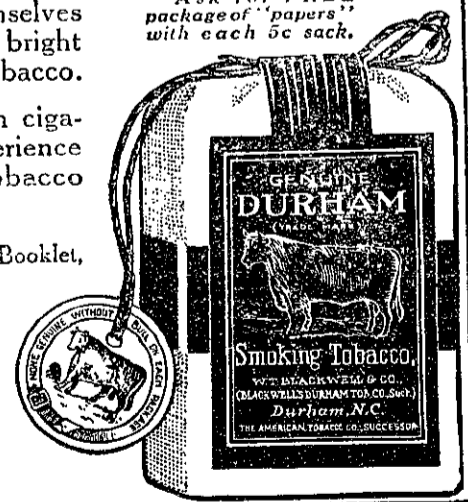
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(Continued from Page One)

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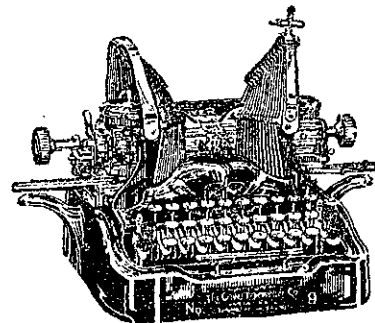
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