

THE TECH

VOL. XXXIII. NO. 81.

BOSTON, MASS., THURSDAY, NOVEMBER 20, 1913.

PRICE TWO CENTS

FRESHMAN BASKETBALL SCHEDULE ANNOUNCED

Thirteen Men Out For Team—Nearly All Have Had Experience.

The Freshman Basketball Team has started practice and the players are making a good showing. Thirteen men are out for the team. They are F. E. Richardson, who played back on the University of Michigan team; J. O'Brien, who has played on Winthrop High team; A. S. Galvin, a former St. John's Prep. player; D. S. Kendall of the E. Dorrance, N. J., High team; Y. W. Gobej from the New York Y. M. C. A. team; D. P. Thompson from the Winchester High School team; W. W. Rausch from the M. A. H. S. team; C. F. Getchell from the Cambridge Y. M. C. A. team; J. S. Gargin from the St. John's Prep. team; J. A. Rogers from the Newton Y. M. C. A. team; G. A. Ferguson, D. Proctor, and A. Pierce.

A good schedule has been arranged for this season with the High School and Y. M. C. A. teams from the cities around Boston. The schedule is:

- Nov. 22—Wakefield Y. M. C. A. at Wakefield.
- Nov. 29—North Abington Y. M. C. A. at Abington.
- Dec. 6—Oliver Ames High at Easton.
- Dec. 11—Holliston High at Holliston.
- Dec. 13—Malden Y. M. C. A. at Malden.
- Dec. 19—Reading High at Reading.
- Dec. 31—M. I. T. 1916 at Tech Gym.
- Jan. 3—Melrose High at Melrose.
- Jan. 7—Salem Normal at Salem.

(Continued on page 4.)

WRESTLING SQUAD

Freshmen Must Report Regularly—Provisional Novice Team.

All Freshmen on the provisional squad in the 135-pound class must report at least three times a week at the Gym in order to defend their position on the squad. If the men in this class fail to report they will lose their position by default.

A provisional novice team has been selected to meet the Y. M. C. A. team on December 6. The following men have been chosen temporarily and they must report at 3 o'clock at the Gym on Saturday for further instructions. In the 115 pound class: Bone, Lane and Demond; 125-pound class: Maloof, Stebbins; 135-pound class, Burger, Durkee, Handsbury; 145-pound class, Peterson, W. C. Wood, W. A. Wood; 158-pound class, Goodell, Murtz; heavyweight class: Leslie and H. L. Wood.

MUSICAL CLUBS

All the Musical Clubs men should call at the Cage after one o'clock today and get twenty tickets for the Wesleyan concert, which they are to sell. Each ticket sold must bear the name of the man selling it. The combined concert with Wesleyan is only a week away, as it is to be held in Jordan Hall on November 28.

EAST BOSTON MINISTER TO SPEAK THIS NOON

The Rev. Mr. A. R. Williams To Tell Of Glimpses Of The Underworld.

The speaker whom the T. C. A. has secured for this noon's meeting in the Union is a local man, the Rev. Mr. A. R. Williams, pastor of the Maverick Church of East Boston. The minister has chosen for his topic "Some Glimpses of the Underworld," and his talk will without doubt be of very much interest and will probably draw a record crowd.

Mr. Williams has had a great variety of experiences which place him in a position to speak on the subject he has chosen. Several years ago he discarded his ministerial duties, and went in search of a job, just like an ordinary laborer, to find out what chances a workingman had. He was thus thrown in contact with all classes, and with all kinds of conditions, and he is well qualified to speak from the viewpoint of a wage-earner and laborer.

Mr. Williams' church is a workingman's church, and the work his church is accomplishing among the lower classes is admirable. Here, too, the minister, meets with many people of all classes. Last summer, Mr. Williams, like the Rev. Mr. N. M. Thomas, of New York, who spoke for the T. C. A. last Thursday noon, was one of the active workers at the Northfield Student Conference.

Today's meeting will, as usual, be held in the Union at 1.30.

M. I. T. REGIMENT

Uniforms Donned—Drill Work Well Under Way.

Varied were the sensations of the first year men when they put on their drill uniforms for the first time yesterday. Some of the bolder spirits dared to traverse the streets with all openness, but the majority of the men were seen to sneak along enveloped in long raincoats or ulsters.

Only a few are now without uniforms. To all such it is officially announced that hereafter no man will be allowed to drill unless in full uniform which includes the breast cord, white gloves, and black shoes.

Now that all the officers have been definitely assigned, the regiment is getting down to real form. This year there are eight full companies. All the men have now been assigned guns, and the training at present is from the gun manual. The fine spirit of the men and the efficient corps or officers promise to turn out one of the finest drilled regiments ever formed in the Institute.

MANDOLIN CLUB

There will be a rehearsal of the Mandolin Club this afternoon at 4.00 P. M., at which Coach Lansing will be present. All members should attend as there are but two more rehearsals before the joint concert with the Wesleyan Clubs. The men are expected to know all their music.

THE TECH STILL HAS VACANCIES TO FILL

An Opportunity No One Should Let Go By—Candidates Meet In Union Tomorrow.

The attention of the Freshmen and Sophomores is again called to the meeting of candidates for THE TECH which is to be held tomorrow in the lower TECH office in the Union. It is scarcely necessary to mention that this is the most important activity in the Institute. All the other activities are dependent upon THE TECH for their publicity. Men who work on the paper come to know perhaps a greater number of students than anyone else and consequently become better known themselves. For those who wish to make a mark at Technology, no better opportunity is afforded.

The Freshmen should consider carefully that one of the surest ways of getting on the Technique Electoral Committee, which is the one thing that every under classman looks forward to above all others, is by first having been on THE TECH. Then, if he has been prominent here, his chances for making the Technique Board are increased.

Perhaps the most important factor of all is the rounding out of one's character. The book learning which the Institute offers is but one half of the student's education. The highest paid engineer is not the man of books, but the man who can handle men. This is the theory, but has been established by long experience. The graduates of Technology who are today receiving the largest salaries are the men who were most prominent in student activities.

THE TECH needs your services and it feels that it can repay them tenfold. Places are open the Advertising Department, in the Circulating Department, and in the News Department. The managers of these departments and the Editor-in-Chief will be on hand tomorrow to explain any of the details of the work which the candidates care to go into.

LOWELL INSTITUTE

Three Series Of Lectures Now In Progress.

Yesterday afternoon at 5 o'clock, in Huntington Hall, Prof. George Herbert Palmer of Harvard University gave his fifth lecture in the course, "Some Types of English Poetry." His subject was Alexander Pope; and next week he will speak on William Wordsworth. The lecture yesterday afternoon was well attended.

Two lectures in the third course, "The Sea in English Poetry," will be given by Dr. Alfred Noyes of Rottendean, England, this afternoon and evening, at 4 o'clock and 8 o'clock, respectively. The talks in this course are given every Monday and Thursday.

Friday evening, Dr. Ernst von Dobschutz will speak on the subject "The Bible Becomes One Basis of Mediaeval Civilization."

Eight more weeks to mid-years.

I. C. A. A. A. RUN AT NEW YORK, SATURDAY

McCurdy, Boyd and Potter Choices For First Honors In Classic Event.

Next Saturday the Intercollegiate Association will hold its annual cross-country run at Van Cortlandt Park, New York. This is the final event of the cross-country season and always attracts a large attendance and a fast field.

The course this year is a good one, running over turf, fields, and roads with the ground pretty level. In this latter respect it is very different from the run at Hanover, where the grades were hard and followed in rapid succession.

Of the teams entered Harvard and Cornell are the favorites for first place. Harvard beat Cornell by a narrow margin at the beginning of the season, but both teams have improved since then. At that time Potter, considered the best man on the team, showed up very poorly, and Speiden had not been out for practice for any considerable length of time. Harvard's best men are Capt. Boyd and Blackman. Although Penn has not been showing up very well, having been beaten severely by Cornell, with McCurdy, Madiera and Humphries, it is not a team to be ignored, and is expected to come up to the start with a fine team. Princeton, as far as dope is concerned, should win, for she beat Yale; the latter beat Harvard; and as mentioned before, Harvard won from Cornell. Yet in estimating the teams conditions must be taken into account, and these upset the purely syllogistic selection of the winner. Dartmouth showed up well on their

(Continued on page 2.)

SOCCER DISCONTINUED

Owing to the lack of interest displayed in soccer so far this season it has been found impossible to form a team for work this fall. But it is only a temporary setback. Next spring another attempt will be made to organize a team and arrange a schedule with neighboring colleges.

Those who desire to practice may still go to the Field where they may have the use of the ball. The Freshmen who are substituting soccer for gym may continue to do so, full credit being given.

WEATHER

For Boston and vicinity: Unsettled, probably rain; warmer.

CALENDAR

Thursday, November 20, 1913.

- 1.00—T. C. A. Talk—Union.
- 4.10—Economics Club—8 Eng. C.
- 4.10—Mandolin Club—Union.
- 5.00—Lowell Lecture—Huntington Hall.

Friday, November 21, 1913.

- 1.00—Southern Club.
- 2.05—C. E. Trip to Lynn—Revere Beach Ferry.

THE TECH

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THURSDAY, NOVEMBER 20, 1913

In Charge of This Issue:

Editor—L. E. Armstrong '15.
Assistants—E. F. Hewins '16, R. C. Fellows '16.

EXERCISE

Do you often find it impossible to study just when you need it the worst, on account of an inability to concentrate, an oppressed feeling in the head, and a general sluggishness of the faculty of thought? Does this result in your having to stay up till an unearthly hour to get your work finished? And does this in turn give rise to the same feeling raised to the n-th power next day? If you are an average Tech man, you will answer in the affirmative.

Did you ever realize the cause of this? There are a great variety of possibilities, but in nine cases out of ten it is simply insufficient outdoor exercise. "Yes," you answer, "That is probably the trouble; but my time is all taken up; I can't take an hour a day off at the Gym."

Very true, but there are other ways of accomplishing the same purpose. Perhaps the most efficient is to take fifteen or twenty minutes just before going to bed, also if possible just after rising; and go through some of the simple exercises, of which there are hundreds, which require no apparatus. Not mere calisthenics; select some that will bring the principal muscles into play and will leave you panting with the exertion. Do this regularly for a few days, and you will notice a several-hundred-percent increase in efficiency without extra effort, not to mention the pleasure of "feeling like a new man."

The system of issuing the Yale-Harvard tickets this year prevents speculators from making their usual "rake-off."

ENGINEERING AND SCIENTIFIC NOTES

The Isthmian Canal Commission has just awarded a contract for furnishing extensive pumping equipment for the Panama water supply pumping stations which are to be established at Ancon and Miraflores, Canal Zone. These centrifugal pumps, fourteen in number, are of the horizontal volute type of one, two and three stages, operating under heads of from 70 to 355 feet and having capacities varying from 250 to 5000 gallons per minute. The motors for driving these pumps are directly connected to them and will be three-phase squirrel cage induction motors operating on 25 cycles and voltages of 220 and 2200 and developing from 71-2 to 350 H. P. each. They are to be built by the General Electric Company.

There are no producing nickel mines in the United States. The output of nickel from domestic ores is merely a by-product from electrolytes of the copper refineries. Salts and metal equivalent to 328 short tons of metallic nickel were saved in domestic refineries in 1912 from both foreign and domestic ores. Nickel ore 'imported for consumption' is mostly from the Canadian deposits.

I. C. A. A. A. RUN

(Continued from page 1.)
own course last Saturday, but here again conditions will be different. Brown showed up very poorly at Hanover, yet it is said that one of the members of team is within a few seconds of Tabor's time. There may be a surprise here also.

Technology got sixth last year when the teams had many stars. This year Jones and Tabor both are out and many others of lesser note. Our team, on the other hand is stronger than ever. Benson and Cook both are in fine trim and have been covering the ground in fast time. Captain Nye ran well last Saturday, and much can be expected of him. He is a consistent runner, and having experience in competition, should finish well. Newlin is suffering from a sore tendon, and this may handicap him somewhat, although yesterday he ran well. C. T. Guething ran well yesterday, although he has not been feeling up to the mark, and the two days' rest should bring him back into condition. C. S. Lee and C. H. Wilkins are both members of last year's team, and both scored last Saturday. From this it seems probable that this year the team will place better than last year. Last week the men suffered a slump, but that is past, and they all feel they can come back with a vengeance at New York.

ECONOMICS CLUB

There will be a short business meeting of the Economics Club in 8 Eng. C at 4.10 this afternoon. There are a few matters of importance which the officers feel should be acted upon before the activities of the Club are continued, and these will be considered at this session. The meeting will thus be a strictly business one, and will be for members only. New men who intend to join at once should also be on hand, however, as there will probably be an opportunity for them to join. The question of the next speaker will also be taken up.

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INTERCOLLEGIATE NOTES

Active measures are being taken at Pennsylvania to erect a monument to Mike Murphy, the famous track coach and trainer. Much interest is being taken in the memorial, not only by students and alumni of the University but by graduates of Yale who knew the great trainer.

A course in automobile engineering has been added to the list of courses in the engineering department of the University of Michigan.

At Cornell this year college activities seem to have attracted a larger number than ever before. The track squad is the largest in the history of the institution. Over 100 men have reported for practice thus far while the same is true of football. In the competition for the Cornell Daily Sun, the student publication, twenty candidates have already reported.

On Tuesday and Wednesday, Nov. 18 and 19, the Association of the Colleges of New England will meet with the University of Vermont at Burlington. The presidents of the leading colleges of America as well as many of the deans and professors will attend to take part in the discussion of subjects which are common problems in American colleges.

TECH SHOW CANDIDATES

The Freshman candidates for assistant business manager of the Tech Show are to meet C. R. Lord at five o'clock today in the Show Office. It is essential that all the men be there as an important matter is to be brought up.

TECH SHOW ORCHESTRA

The Tech Show Orchestra held its regular rehearsal yesterday afternoon in the Union. It is important that the next rehearsal should be fully attended as cuts are to be made within a week.

Don't forget the address!

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PROFESSOR BREED WILL CONDUCT C. E. SOCIETY

Party Leaves East Boston Ferry At 2.05 Tomorrow To Go Over Lynn Railroad.

Tomorrow afternoon the Civil Engineering Society will take a trip to West Lynn and Lynn to see the work which is being done there in abolishing grade crossings. All those who want to go should take the 2.05 East Boston Ferry, change to the narrow gauge, and get off at West Lynn, where Prof. Breed will meet the party.

At the first meeting of the Society this fall, Prof. Breed, who is Consulting Engineer for the City of Lynn on this work, gave an illustrated lecture bringing out many of the important features of the construction. He described the work, starting at West Lynn and going to Lynn. The party tomorrow will start at West Lynn and walk as far as possible towards Lynn in the time allowed, thus covering the ground just as it was described. Prof. Breed will endeavor to show the men all the work that has been done, especially the work at Central Square, which is the main feature in the construction. The masking of structural steel in concrete is perhaps the most important factor in the whole scheme.

This promises to be the most interesting trip which the Society will have this year, both on account of the nature of the work and the fact that Prof. Breed is so well known at the Institute. If anyone misses the 2.05 ferry, there will be another every fifteen minutes from that time.

BOSTON OPERA HOUSE

Short Account Of Operas To Be Given On Opening Week.

The opening week of the Boston Opera Company, besides presenting a well-balanced repertoire of unusual interest, will bring forward a number of new singers. The opening night with its brilliant performance of "The Jewels of the Madonna" will afford opportunity for Mme. Margherita D'Avarez and M. Mario Ancona to make their Boston debut, and will re-introduce Mr. Ferrari-Fontana.

Mario Ancona, baritone, will make his debut as a member of the Boston Opera Company, but he has been heard here before, as long ago as 1894, when he sang Escamillo to Mme. Calve's Carmen.

Friday night's performance of "Tosca" will present Mary Garden as Tosca and Vanni Marcoux as Scarpia. The Cavaradossi will be Giovanni Martinelli. He comes to Boston fresh from recent triumphs in Philadelphia.

On Saturday afternoon, Mme. Margarete Matzenauer will assume the role of Isolde for the first time in America. The Tristan will be Mr. Ferrari-Fontana, who scored such a triumph last year.

The popular performance of "Lucia di Lammermoor" on Saturday evening, which will present Evelyn Scotney as Lucia, will effect the debut of Vincenzo Tanlongo as Edgar.

The Sunday concerts which have been so well received in seasons past will be given again this winter, on Sunday evenings. The first of the series will be on the evening of November 30th, when the artists will be Elizabeth Amsden, Jeska Swartz-Morse, Vanni Marcoux, and Vincenzo Tanlongo.

LOST—Set of Dietzgen drawing instruments in Union. Reward at Cage.

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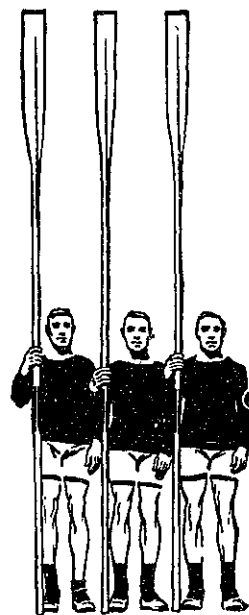
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OUR ADVERTISERS

FRESHMAN BASKETBALL

(Continued from page 1.)

Jan. 10—Wakefield Y. M. C. A. at Wakefield.
Jan. 14—Rockland High at Rockland.
Jan. 17—Bridgewater Normal at Bridgewater.
Jan. 21—Open.
Jan. 24—Winchester High at Winchester.
Jan. 27—Watertown High at Watertown.
Jan. 31—Dummer Academy at South Byfield.
Feb. 4—Wakefield Y. M. C. A. at Tech Gym.
Feb. 14—Open.
Feb. 18—Malden Y. M. C. A. at Tech Gym.
Feb. 20—Winthrop High at Winthrop.
Feb. 23—Reserved.
Feb. 25—M. I. T. 1916 at Tech Gym.
Feb. 28—Quincy Y. M. C. A. at Quincy.
Mar. 4—M. I. T. 1916 at Tech Gym.
Mar. 7—Open.
Mar. 11—Winchester High at Tech Gym.

CHEM. SOCIETY TRIP

There is to be a trip for the members of the Chemical Society to the plant of the Union Glass Company in Somerville. The number of men who can make this trip is limited to eighteen; but more trips may be arranged.

The principal product of this company is fancy high grade cut-glass. There is to be a short lecture before the start. The members of the society are requested to sign up on the papers on the bulletin board in the Walker Building stating the afternoon next week on which it would be most convenient for them to go. The afternoon suiting the majority will be chosen.

TENNIS TOURNAMENT

At the semi-finals of the tennis tournament held yesterday afternoon, H. R. Stuart '16 defeated E. G. Polley '17; and R. A. Warner '15 defeated J. B. Carr '16. The two winners will play off the finals in the near future.

FACULTY NOTICE

Monday, November 17th, will be the beginning of the last eight weeks.

Exercises scheduled on the tabular view to be held the last eight weeks will begin during the week of November 17th.

Those scheduled for the last seven weeks will begin during the week of November 24th.

WALTER HUMPHREYS,
Registrar.

COSMOPOLITAN CLUB

Yesterday afternoon the members of the Cosmopolitan Club held a meeting in Room 8, Engineering Building B, at 5 o'clock. Society business was taken up which was of great importance. The report of the Dance Committee was read, and the report of the Chinese National Chairman was read and discussed. This included the plans of the first National Night of the year which will be held on November 29.

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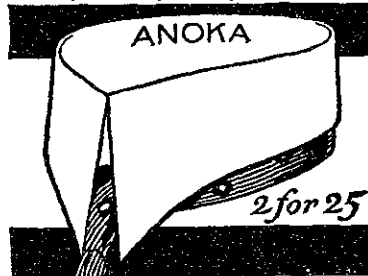
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