

## HARRIERS TO RUN CRIMSON VARSITY AT RIVAL COLLEGE

Hill Team Journeys to Meet  
Hampshire at Durham  
On Saturday

## HARVARD RECORD CLEAR

Level Men Out to Repeat Its  
Victory of Last Year At  
Stadium Course

Today the varsity level team meets the Harvard seven over the four mile Stadium course at four o'clock while the hill squad entrains for Durham, New Hampshire this evening where they will run the New Hampshire State harriers on Saturday afternoon. Both teams have been practicing hard for the week-end meets in order to erase the defeats of last Friday when the levelers lost to Holy Cross by one solitary point, 28 to 27, and the Hill men lost to Brown over the Belmont course. Connors has shifted Ostberg from the hill team to the level varsity to insure every chance of repeating the decisive victory over the Crimson last season when they won 21 to 35.

With the exception of Ostberg who has been substituted for Wills, the lineup of the level team is the same as last Friday when they ran such a strong race against Holy Cross. Capt. Bemis who made a beautiful run for Technology ending in a whirlwind finish that left Larivee, of Holy Cross, the Olympic star behind, is expected to lead the way to the best at Harvard. Rooney, Hooper, Parkinson and Davidson, all who placed, last Friday are out to show the Crimson the dust.

The lineup of the Engineer level men is as follows: Bemis, Parkinson, Rooney, Davidson, Symonds, Hooper and

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## PROFESSOR LINDGREN DESCRIBES HIS TRIP

Miners To Hold Joint Session  
With Three Societies  
at Harvard

At the smoker held last evening in Walker by the Mining Engineering Society, a joint session with the Mining Societies of Tufts and Harvard, together with the Boston Section of the American Institute of Mining and Metallurgical Engineers was announced. This meeting will be held next Monday evening in Harvard Memorial Building near Harvard Square and will be preceded by a dinner. The speaker at the smoker was Dr. Waldemar Lindgren, head of the Department of Mining, Metallurgy, and Geology.

Dr. Lindgren described the vicissitudes that befall the mining engineer and geologist when his work takes him into wild country. He referred to the various methods of travel the travelling engineer must use from private car or aeroplane to muleback or even carrying his pack on his own back. He described in more detail a trip he made into eastern Mexico, showing to the society a geological sketch of the ore deposits found in the region.

At the joint session announced for Monday evening, Dr. J. E. Spurr, Editor of the Engineering and Mining Journal, will speak on "The Evolution of the Mining Industry." Dr. Spurr is author of many books and publications on geology, and is recognized as one of the leading geologists of the country according to Professor C. E. Locke '96 of the Mining Department at the Institute. The dinner which will precede the meeting will be open to all members of the Mining Society who sign up.

## NAVAL EXHIBIT WILL BE OPEN UNTIL DECEMBER

Instead of closing at the end of the week, as was first intended, the Naval Exhibit will be kept open to the public until the annual December exhibit of the Naval School of Architecture. The exhibit includes the Charles H. Taylor collection, a gift to the Institute from Mr. Taylor, and ten vivid water colors by Charles J. A. Wilson, a loan to the Institute besides the Clark Collection of Marine Prints. It was decided to extend the time on account of the large and consistent attendance as well as its educational value.

## STUDENT SHOCKED AT LECTURE IN PHYSICS

### Investigation Proves It To Be Only Mental Reaction

A shocking example of the power of mind over matter was furnished Wednesday afternoon by an occurrence following the lecture in Sophomore Electricity. A 220 volt circuit used in one of the experiments performed by the lecturer contained a considerable length of bare wire. One of the students, reaching across this wire for a piece of apparatus in which he was interested, pushed the wire out of the way and discovered that he had grasped the wire where it was not protected by insulation.

Not realizing that 220 volts was harmless, he considered himself seriously injured and disbelieved a companion who told him it could not injure him. To prove it the companion deliberately short circuited the wire with his hands, when he discovered to his surprise that the circuit which had shocked his friend was open.

## DANCER SECURED TO AMUSE CLUBS

### Schedule of Concerts For This Season Announced—First To Be at Filene's

An unusual mode of entertainment was employed at the Combined Musical Clubs' smoker, Friday evening, when those in charge of the entertainment surprised the assembly by presenting an attractive young lady, who performed for the clubs by giving a ballet dance and an exhibition on the violin. A surprise had been promised the men on the clubs and received great applause when revealed.

The dancing girl appeared first as a Russian Girl in red boots and a red coat trimmed with white fur. After executing a Cossack dance, she retired to change her costume, returning in a green ballet dress. She danced once and then rendered a classical selection on the violin concluding her recital by dancing and playing the violin at the same time.

The smoker was a trifle late in starting since the arrival of C. F. Lyman was expected. The English instructor was for some reason unable to be present. Accordingly General Manager H. C. Hoar '25 started things off by a short talk in which he outlined the schedule of concerts for the coming season and explained various details of the work with the clubs for the benefit of the new men present.

### Many Concerts Scheduled

The concerts booked so far are: Filene's Department Store on Nov. 13, Lynn Educational Society on Nov. 17, Concord Women's Club on Nov. 21, Edison Club on Dec. 1, Fall Concert on Dec. 5, Lexington Old Belfry Club on Jan. 9, Lexington Teacher's Association on January 16, Winter Concert on January 23, Proparvulus Club at Whitney Hall on January 30, Hyde Park Masons on February 20, Sargent School on February 28, and Wellesley College on March 7.

In spite of much planning, the tour which the clubs will make on their Winter Trip has not been definitely decided upon yet. As has already been announced, the management is planning to take either a southern itinerary stopping at New York, Philadelphia, Balti-

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## OLDENBERG ADDRESSES INSTITUTE PHYSICISTS

"Phosphorescence and Fluorescence Phenomena" was the topic discussed by Dr. Otto Oldenberg in lectures given at the Institute during the past two days. Dr. Gotterberg, one of the best known German Research Physicists, took two lectures to cover his subject, and his audience, composed of students and Faculty members, together with a few men from other institutions, filled room 4-231. Dr. Oldenberg has made an extensive study of the physical phenomena of which he spoke in the University of Gottingen in Germany. He is attached to the Research Laboratory of Theoretical Physics of that institution where he is a co-worker of Professor J. Franck, a noted research physicist. Unlike some of the European scientists who have lectured at Technology in the past, Dr. Oldenberg gave his address in English.

## ANNUAL BATTLE BETWEEN LOWER CLASSES APPROACHING RAPIDLY

## WITH BOTH SIDES WORKING HARD

## FRESHMEN HOPE TO BE VICTORIOUS AS FRAY APPROACHES

### Balanced Teams to Represent Lower Class in Yearly Competition

## WILL GIVE HARD RIGHT

Hard work on the part of all the freshmen field teams testifies that the frosh realize the magnitude of the task which they must accomplish in order to emerge victorious from next Friday's events. The coaches are taking advantage of what little daylight is left afternoons to smooth off the rough spots that are still apparent and have the teams at the peak for next week's contests.

Although they did not scrimmage last night, the football experts have been practicing daily. The team is one of the lightest that ever represented a class on Field Day. A tentative team has been working fairly successfully, but tomorrow's game with St. James will give the coaches the necessary data to pick the outfit that will uphold the hopes of the frosh. As it stands now the team is somewhat of an unknown quantity, but its supporters are confident that it will humble its Sophomore rival. Besides the game tomorrow, several hard scrimmages are scheduled for next week so that errors detected Saturday may be corrected.

Frosh chances in relay seem to be very good. The men who are sprinting around the cinders are a speedy group that can be relied on to give the Sophs a good fight. Several of the speedsters are prep school letter men and have experience to match that of the 1927 constellation of stars. A fast race with little choice between the con-

(Continued on Page 4)

## RADIO SOCIETY TO INSTALL RECEIVER

### Presidential Election Returns To be Given in West Lounge of Walker

Budding politicians and others to whom the obtaining of the immediate returns of the National election on Tuesday is of importance will be enabled to obtain the latest results of the vote by radio. In order to allow the broadcasting of this knowledge among the student body of Technology the M. I. T. Radio Society and THE TECH will jointly operate a radio in the west lounge of Walker Memorial. The set will be installed by the radio men in ample time so that it will be functioning when the first of the results are given out. A loud speaker of sufficient capacity to fill the lounge will be operated by a super-heterodyne set under the supervision of members of both organizations.

### Will Give Late Returns

During presidential campaigns of the past it has been the effort of newspapers and other organizations to try to signal the returns to the public as rapidly as they could be compiled at the central information gathering centers. Prior to the universal use of the radio this was tried in several ways, the most successful being by flash signals of high powered searchlights. This, however, only served suburban districts.

By the installation of the receiving set in Walker the student body will be enabled to receive the fluctuations in the returns almost instantaneously as they occur. Usually sufficient votes to indicate the results are not received until late at night when the vote of the West and Mid-West comes in. However, the station will operate as long as the local broadcasting stations send out information.

## Many Institute Men Work While Studying

About ten percent of the Student body is dependent upon work during the school year to pay their way through the Institute, according to a report made by the employment division of the Technology Christian Association yesterday. During the last school year about 250 men applied for work and about \$15,000 was earned by them.

The most popular positions held by the students are housemen, dishwashers and chauffeurs. Among the other positions filled were laborers, salesmen, moving picture operators, clerks, tutors, solicitors, surveyors, ushers, electricians and carpenters.

During the present school year, men have already applied for work and approximately one thousand dollars has been earned. Five hundred and fifty dollars has been earned in cash, \$210 in meals, and \$243 in room rent. Only 76 positions have been offered to the 134 men who needed work, and anyone who has knowledge of available jobs should furnish the information to the Undergraduate Employment Bureau in the T. C. A. office.

## FIRST DORM DANCE TONIGHT AT WALKER

### Copley Plaza Orchestra Which Played for Prince to Render Music

Patrons at the Dorm Dance tonight will have the opportunity of dancing to the same music that kept the Prince of Wales stepping until after 4 o'clock in the morning. The dance committee has announced that Bill Boyle's nine piece Copley Plaza Hotel Orchestra will provide the music and this orchestra provided the music during the Prince's entertainment at Hamilton.

The first Dorm Dance of the season will be informal and last from 8 until 12 o'clock. Although the affair is a Hallowe'en Hop it will be impossible to have the main hall of Walker adorned for the occasion on account of the recent ruling of the Institute prohibiting decorations. Favors however will be distributed.

### Price Rises At Door

Tickets have been on sale this week and may be secured today from the office of the Dormitory Superintendent in Ware Hall. The price is two dollars per couple or three dollars at the door. It is expected that the hall will be well filled but not so as to make dancing uncomfortable as has been the case at some former Dorm Dances.

The patrons for the occasion will be Mrs. R. P. Bigelow, Mrs. H. S. Ford, and Mrs. L. M. Passano. W. W. Criswell '26 will act as chief usher and he will be assisted by L. T. Baker '27, W. Ashbridge '26, Richard Corey '26, and E. R. Hayes '25.

## PRIZES OFFERED FOR ESSAYS ON CHEMISTRY

For the second time the American Chemical Society is offering six prizes of \$1000 each for the best essays on various aspects of chemistry. The prizes are the gift of Mr. and Mrs. Francis Garvin, and are awarded annually.

All students of college grade are eligible to compete in the contest, whether or not they are enrolled in chemical courses. They may consult freely with others, and are encouraged to consult science instructors and reference works. The essays are due on March 1.

One prize will be awarded for the best essay on each of the following six subjects: The Relation of Chemistry to (1) health and disease, (2) the enrichment of life, (3) to agriculture or forestry, (4) to national defense, (5) to the home, and (6) to the development of an industry or a resource of the United States.

## CONFIDENCE SHOWN BY SOPHOMORES IN FIELD DAY TEAMS

### Reliance Placed on Veterans To Uphold Honor of Class of 1927

## CLEAN SWEEP EXPECTED

Undiminished faith in a 1927 victory is characteristic of all the Sophomores as they enter the final week of preparation which will culminate in Field Day. Despite the defeat of last year they believe that they will raise Sophomore prestige to extreme heights by whitewashing the hopefuls of the freshman class. According to the Sophs every event is clinched, and not even a close finish is conceded the frosh.

Football with a veteran team back is expected to contribute five points to the 1927 score. The good showing of the team against Dean has given some Sophs the idea that they have an invincible team. Last year's Sophomores were also overconfident but failed to do better than tie on Field Day. After tomorrow's game it will be seen whether the team lives up to expectations of its backers. It has however, more weight and experience than the humble frosh.

"Fight, fight," is the cry heard at the rifle range when the rope heavers are

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## HARVARD BRIDGE MAY BE OPENED SUNDAY

### Structure Closed Since June Has Many Improvements

Harvard Bridge will probably be opened to one way vehicular traffic bound for Cambridge, and to street cars in both directions sometime tomorrow or Monday. Work has been progressing rapidly upon the east roadway and it was prophesied by some earlier in the week that the bridge would open yesterday, but there remains a small amount of work to be done before the roadway will be ready for use.

According to the resident engineer in charge of the work, Harvard bridge is practically ready for opening to vehicular traffic. The Boston Elevated Railway Company is placing a heavy T-rail on the upstream side of the roadway as a safety measure. The rail extends above the pavements enough to prevent wandering automobiles, as well as derailed street cars, from crashing through the wooden rail to the river, and the space between the T-rail and the beginning of the paving blocks is being planked in to prevent automobiles from being caught. When this is completed, the bridge will be ready for one way traffic as far as the construction work is concerned. It will remain for the Metropolitan District Commission to inspect and formally open Harvard Bridge.

Harvard Bridge has been under construction since the early part of the summer, the traffic having been diverted to the West End Bridge and to the temporary Cottage Farm Bridge. It is rumored that when Harvard Bridge opens to Cambridge bound traffic, the temporary bridge will be closed in that direction and traffic to Boston only permitted. Whether or not this is true is not known.

## CALENDAR

Friday, October 31  
5:00—Tech Show Orchestra, north hall, Walker.  
5:00—Freshman Council, T.C.A. office.  
7:30—Chinese Club Hallowe'en party, Mount Vernon Church.  
8:00—Informal Dorm Dance, main hall, Walker.  
Monday, November 3  
5:30—Dartmouth Club meeting, Walker.  
Wednesday, November 5  
5:00—Wrestling mass meeting, Hanger.

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Official News  
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Undergraduates  
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# Gridmen Meet Strong Opponents Saturday

## SOPHS TO PLAY G.E. TOMORROW ON LYNN FIELD

Freshmen to Play St. James At Haverhill School Tomorrow

## FROSH PICK UP SPIRIT

After two weeks of practice since their last games, the Field Day football teams will tackle two strong opponents tomorrow, when the Sophs play the General Electric at Lynn and the frosh meet the fast St. James eleven at Haverhill. Both teams have shown great improvement since their last games and have developed a strong defense and a smoothly running offence that clearly shows the long twilight practice sessions that the coaches have put the teams through.

In what may be classed with other sensational comebacks, the frosh have started to pick up spirit and form that is going to carry them a long way in the game tomorrow. Although Tom Price has failed to show up at all regularly since the decisive beating of the yearlings by St. John's, the squad has come to under Jiggs Rogers and is showing a spirit that is wonderful to see. Last night they went through their signals like old timers and displayed a power in scrimmage that made the Sophomores let up in their practice grind to comment on their next week's opponents.

### Sophs Up Against Strong Team

Although the consensus of opinion is against them Field Day, the frosh don't know it and further more don't wish to listen to it for they plunge, tackle and run through their signals like winners. With Riley, Estes, Hartz, in the backfield and such men as Gordon Miller, and Joe O'Hearn gracing the forward line, not to mention any other huskies that have come out in the last few days, the whole aspect of the squad has changed for the better.

The Sophomores have noticed the pick-up in the frosh attitude and realize that Field Day everything won't be like eating pie to carry off the major contest of the annual battle. Luke Bannon has perfected a strong offence that may sweep the strong G.E. team off its feet tomorrow. The Lynn eleven is reported to be strong this year which is strengthened by the fact that they whipped Tufts second varsity 6 to 0 in a night game at the Lynn Field.

Cline and Steele have been getting off some beautiful kicks in the last few practices that are going to help the team a lot when they get jammed in a tight place. Cline's placements from the field are beautiful to watch and the line has been instructed well in keeping out men on these field goal tries. Burke who has been out for quite a few practices now is strong through the center of the line and it will take a strong line to hold him when Richards, Dodge and Peterson open up the holes. He is also strong in passing and if he could kick with any degree of certainty he would be a good prospect for a triple threat man. Red Earle and Frank Rhinehart are a pair of ends that are improving daily. Sherrill and Lobo are showing up well in the line.

## STRONG SCHEDULE FACING MAT MEN

### Wrestling Team Have Matches With Premier Teams of New England

Wrestling has arranged an attractive schedule for the coming season with four meets away and five at home starting soon after the first of the year. Only four men from last year's squad are back to form the mainstay of the team: Captain Greer, Ted Coyle, Tom Tuttle, and Dick Tryon. At the mass meeting which is to be held next Wednesday afternoon in the hangar Cyclone Burns will discuss plans for the season with the men, trying to interest the freshmen especially.

Captain Greer is a straight "T" man and has been captain for the past two years. Greer is in the 175 pound class and had a most remarkable record last year always proving an inspiration to the rest of the team. Ted Coyle is also a straight "T" man, being highest scorer in the 115 pound class last year; through his extreme versatile style he was able to place second in the Inter-collegiates.

**Tuttle and Tryon Are Back**  
Tom Tuttle was Intercollegiate champion of two years ago in the 125 pound class and is back again for this year in excellent condition. Dick Tryon is in the unlimited class.

## VARSITY SOCCER MEN JOURNEY TO PLAY DARTMOUTH

### Big Green Has Already Lost to Both Harvard and Yale This Season

### ENGINEERS UNDEFEATED

Tonight the varsity soccer team will journey to Hanover to meet the Dartmouth eleven on Saturday afternoon for the third game of the season. Thus far the Engineer soccer players have come through undefeated; while the strong Dartmouth team has been defeated by both the Yale and Harvard elevens.

Technology's soccer team this year is proving to be one of the strongest in the soccer history of the Institute. Seven members of last year's undefeated team are to be among those to meet the Green tomorrow. Captain Sun and Charlie Young, two star full backs, together with Ruiz, the only scorer of the team in both games, and Martinez and Hsin form the strong forward line of the Beaver soccerites. Glen Bateman, Senior class president, and former Andover soccer captain, is to play center half back opposing Captain De-wing of the Dartmouth team.

### A Letter Game For Dartmouth

As the Beaver team is considered one of the strongest in New England the Dartmouth A. A. passed a resolution this fall making the M. I. T. game a letter game. The Green college is now making preparations for the game; having been defeated by Harvard last Friday 3-0, and losing to Yale the week before they are more than anxious to win tomorrow's contest. Forrest has been the star player of the Dartmouth team, showing fast and consistent work in tending goal; demonstrating in the Harvard game his exceptional ability by warding off many attempts to score, and holding down the Crimson team to only three goals.

Last Wednesday Coach McNab picked the men to represent the Beavers in tomorrow's contest. Cheney is to hold his old position of goal tender; while Captain Sun and Young are two fullbacks ready to defend the goal. Jones, Bateman, and Arana are to hold the halfback line; and Sacco, Marques, pose the strong forward line.

## Elections Held By Rope Pullers Wednesday Night

At the meetings held Wednesday by the freshman and Sophomore tug-of-war teams after their nightly practice on Tech field, Bob Hatch '27 and Elmer Dean '28 were elected Captains of the Sophomore and freshman teams respectively. The freshmen chose George Lang of Kendallville, Indiana, as their manager, while the Sophs gave the managerial reins to Maurice James of Dorchester.

Hatch, who claims the Boston English High as his alma-mater, has been prominent in athletics at the Institute. Besides having been on the frosh tug-of-war team a year ago, he was temporary captain of last year's freshman rifle team and was also on the wrestling squad of his class. Elmer Dean, captain elect of the frosh came to Tech from Chauncy Hall. At the aforementioned school he took a prominent place in activities, having been on the student council for several years besides being President of that organization last year; he was also well known in tennis circles at Chauncy Hall, which is the only sport that is recognized at that academy of learning.

With Field Day only a week away the prospects of the Sophs in the tug-of-war look brighter and brighter while the outlook of the frosh is far from being in the above mentioned state. The Sophomores who are attacking this event with renewed zest and interest, are having 28 and 30 men out for practice each evening which is an improvement over the number which were formerly reporting nightly. Practice Thursday night was marked by a hard three minute pull on the hemp with about 15 men on a side. The coaches report that the men are all in good condition and are pulling in fair form for this period of training.

On the other hand the frosh coaches are finding it practically impossible to get enough men out to make up an entire team. The small handful of men who are out for practice every afternoon are to be commended for what they have done. The coaches of the freshman outfit report that it isn't too late to sign up and come out for the team; although you don't weigh over 150 and aren't all muscle, get out tonight at 5 P. M. for practice.

## Mike Hoar To Race McARDLE FIELD DAY

After a period of retirement of two years, Mike Hoar, veteran trackman, who in his off moments keeps the track in order, has decided to don the running shoes once more to uphold the dignity of the trackhouse gang this Field Day over the 50-yard route. His opponent this year will be McARDLE, a graduate student, instead of his old opponent Nat Boutelier, the former boxing coach, who in their last meeting on Field Day two years ago won from Mike in a thrilling 220 yard dash, Nap coming down the home stretch way out ahead of the wrathful guardian of the quarter-mile cinder oval.

Negotiations for the match have been going on for weeks, as Mike held out for a handicap in accordance with his dignity as a veteran of over 65 summers. McARDLE gave him the hand-distance of 12 and a half yards but the hoary veteran stuck for 13 yards. Mike's reason for the latter distance in his own words is this, "that he can beat any man with a 13 yard handicap in 50 yards, Charlie Padock, Abrahams or Bob McAllister, the flying club-twister from New York, or any of them; let alone that lanky spiller who tosses the javelin around here every day." Yesterday with a mere flip of a coin the momentous question was decided when Mike called the turn of the silver and was awarded the 13 yard handicap by Assistant Manager Johnning Fields.

### Mike Hoar In Form



### Race a Grudge Match

Mike has already started training under the cover of darkness so that McARDLE's spies can't get on to his stuff before the eventful moment a week from now when the veteran leans over in a crouching start 13 yards ahead of his long-legged opponent, waiting for the crack of the pistol. "Why, Lord man, he is a javelin chucker and who this side of Hangar ever heard of spear-thrower and a punk one at that since he breaks a stick every day running the classic 50 yards." "I know he is in condition but I can soon get into trim as I don't smoke, drink or chew," was Mike's retort to a remark on his fitness. Rumor has it that Mike has given up bawling out the football men for running on the track, in order to save his breath.

Yesterday, it was hinted that the race was a grudge match since McARDLE has passed some disparaging remarks on Mike's form, occasioned by Mike's opinion of McARDLE as a spear-thrower. This will make the race exceedingly interesting as both men are itching to get going in the big battle. Foftets are posted with Johnny Fields and he is also ready to receive any donations for prizes for the event. Mike has suggested cigars but Russian roulettes or German marks have been the only things offered so far.

## Seniors Are In Need of Rowers For Class Boat

Here, there, you CAN'T find them anywhere. Yes, we have no Seniors out for crew. Once upon a time there was a little Senior. He was a very, very, very brave little fellow and suddenly came to the decision that he would throw all convention and the regard of his fellow Seniors to the winds and go out for crew. (Horrors!) He was immediately abandoned to his fate for such a thing had never been done before.

He worked hard and industriously every day and by and by another Senior caught the plague and came down to the Boat House. And then after another month or two another came out and then—that's as far as it went. The gist of it all is that there are three Seniors on the Senior eight and the race with the Juniors is coming next Thursday. Every day the Juniors go for a turn on the river and then work a half hour or so on the machines and it is certainly no secret that they are getting a nicely coordinating crew into fine shape.

### Seniors Almost Minus

The Seniors on the other hand (all three of them) take their exercise standing around on the float with their hands in their hip pockets and in smok-

ing three kinds of aristocratic pipes. Next Thursday the race comes off. In other words they have exactly five days in which to train for a race second only in importance to the Sophomore race on Friday. Things have come to such a state in fact that Guy Frisbie is sending out every single one of the freshman crew managers that he can spare to chase up the high and mighty and beg them on their knees to come down to the Boat House.

Unless they come out either today or tomorrow it is a hundred to one chance that for the first time in the history of the Institute they will be compelled to concede the victory to the Juniors on a forfeit. It is not as if there were any difficulties with the training of the men. On the contrary they have just as much attention as the varsity. They have a shell and a coach all their own and neither one has been in use since second week of school.

**"Wolf" On The Blink**  
Misfortune seems to run by the buck-tooth. Now the "Wolf" is out of commission. The other day the old boat began doing stunts. When the shift was pushed into reverse it began to crawl sideways like a crab. When she was shoved into first a cloud of spray flew up and the appropriate remark was look out behind. First was the only safe position and then

the engine stalled so the driver and Bill decided to call it a day. Corbit Hoffman of Tech Show and green devil fame has been elected Boat House Manager to replace McDuffy who was recently elected G. M. of Technique.

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## After the Game

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### The Boston Evening Transcript

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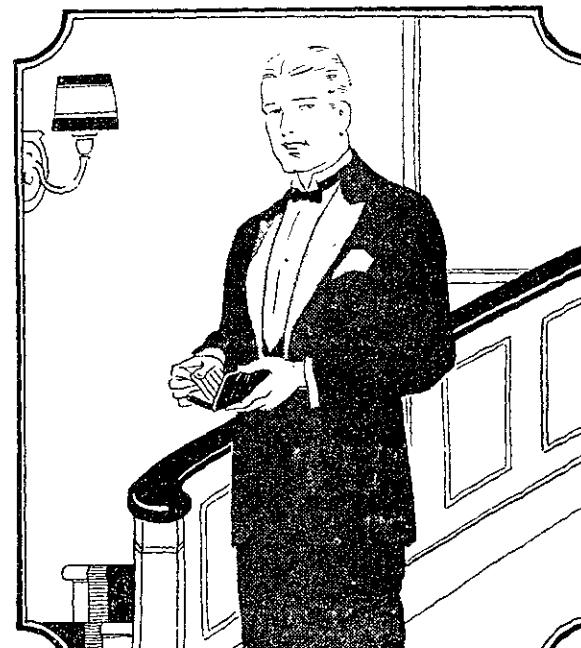
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## Notices and Announcements

## OFFICIAL

## PHYSICAL TRAINING

All freshmen who are not going to substitute athletic sports for physical training classes are requested to call at the office of Physical Director, room 335, Walker, and make appointments for physical examination at once.

## STUDENT DIRECTORY

Proof for the "Directory of Students" is posted in the following places: Walker Memorial Building 3—near Room 3-173. Building 2—near the basement door in the southeast corner of the building. Building 10—Main Lobby. Corrections should be reported on the form provided not later than Friday, October 31.

## PHYSICAL FITNESS

All men 7 lbs. or more underweight who are interested in the class for "Physical Fitness" report to room 1-150 at 4 P. M. Friday, October 31.

## COURSE 5.941

Course 5.941, Recent Developments in Science. The third meeting will be held on Thursday, October 30, at 4 P. M. in Room 10-250. Professor C. R. Hayward of the Department of Mining, Metallurgy and Geology will speak on Commercial Production of Pure Metals.

## CHORAL SINGING GS58

All students who are taking Choral Singing as a General Study are not to register for this subject until the beginning of the third term. They are required, however, to attend all the meetings during the first and second terms or they will not be allowed to register for GS58 the third term.

## FRESHMAN HYGIENE LECTURE

Dr. Morse will give the second lecture of the series Friday. All freshmen are required to attend.



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## UNDERGRADUATE

## FRESHMAN RIFLE

Rifle range will be open Wednesday 2:15 to 5:30 for freshmen rifle practice in addition to Tuesday and Thursday.

## T. C. A. EMPLOYMENT

In order to fill occasional applications made to the Undergraduate Employment Bureau of T. C. A. for licensed moving picture operators, all who are qualified for this work should register with the Bureau. See Mr. Spear in the outside office of T. C. A.

## PHYSICAL TRAINING

Freshmen substituting an authorized sport for Physical Training must sign up in the Physical Director's office, 335 Walker, before 5:00 P. M. Monday, November 3, 1924. Signing up in the activities' office does not count.

## CHINESE STUDENTS' CLUB

Will hold Hallowe'en Party in the Mount Vernon Church, Friday, at 7:30. All M. I. T. Chinese students are cordially invited.

## FRESHMAN COUNCIL

Will meet in the T. C. A. office Friday at 5. All freshmen interested in Christian Association work are requested to be present.

## ORDNANCE ASSOCIATION

M. I. T. Post Army Ordnance Association will hold a smoker in room 5-330, Tuesday, November 4, at 5:00. Professor Edward F. Miller, head of the Department of Mechanical Engineering will speak.

## BOXING

Coach Rawson will be at the hangar Tuesdays and Thursdays from 11 to 5. All coming out for boxing, please leave schedule with him as soon as possible.

## FRESHMEN SECTION LEADERS

Freshman section leaders meeting in room 10-250 Monday at 5.

## VARSITY BASKETBALL

Varsity basketball begins November 4. Freshmen practice starts the first Monday after Field Day.

## SOCCER

Soccer team is to report at North Station at 7:45 P. M. tonight. Train leaves for Hanover at 8:00 sharp.

Names on the notice opposite the cashier's office are to be checked immediately.

## SWIMMING

On Wednesday, November 5, at the Y. M. C. A. pool, between 5:00 and 6:00 P. M., there will be a 100 yard dash. All men, ineligibles and freshmen included, are urged to be present so that Coach Dean can get some idea of the material for the coming year.

## TECH SHOW ORCHESTRA

Rehearsal Friday at 5, in north hall, Walker.

## DARTMOUTH CLUB

The Dartmouth Club will hold a meeting in Walker on Monday, November 3, at 5:30.

## COMBINED DRIVE COMMITTEE NAMED

Decide to Hold Drive Week of November 10—Goal of \$3000 Is Set

Appointments of the following men to positions on the Combined Charities Drive Committee have been made by E. S. Johnston '25, who was made chairman of the committee a few days ago by Glen Bateman '25, Chairman of the Institute Committee:

N. H. DeFoe '25, head of the Publicity Department; C. R. Muhlenberg '25, who will have charge of the drive at the Rogers Building; Austin Cole, Jr. '25, in charge of the Subscription Department; D. R. Campbell '25, Speakers Department; and C. L. Petze, Jr. '25, Treasurer.

The first meeting of the committee will be held next Sunday, and it is expected that by this time the above men will have selected the men for their respective departments. It has been decided that the drive will take place during the week commencing November 10.

Three thousand dollars has been set as the goal which the drive shall strive for, and the first two thousand will be given to the T. C. A. and the remainder to the American Red Cross.

## SOPH SPIRIT INCREASES AS FIELD DAY NEARS

(Continued from Page 1)

tugging at the hemp. The Sophs have not had a full team together long but it is a heavy team. Having their conquerors of last year as coaches is helping the team too, since the coaches sometimes pull against them when a scrub team is not available.

Although somewhat fewer in numbers than their rivals on the river, the Sophs have turned out a crew which has succeeded in beating the Junior Varsity. Last year's 1927 oarsmen beat the Field Day record even though defeated and this year's crew although weakened by the demands of the varsity has been working together for a long time. Some critics expect that it will defeat the winner of the Junior-Senior race as well as the frosh.

Several holders of freshman track members of the 1927 relay team. Practical records are numbered among the memory every man on the team was connected with last year's freshman track squad which was one of the strongest to wear the Cardinal and Gray in recent years. The 1923 defeat left a sting behind and the Sophomores are determined to hit the tape first this year.

## CROSS COUNTRY TEAMS RUN CRIMSON AND GREEN

(Continued from Page 1)

Ostberg. McIntyre who Doc Connors expected to run today is out with an injured knee which will lay him up for awhile.

## Hill Team Meets New Hampshire

Harvard has a stronger team than they had last year and has already won from two strong opponents on successive Fridays. Holy Cross was the first to succumb and last week the harriers of Dartmouth were left trailing by John Harvard's hare and hounds squad. Today after four days of strenuous work they took a rest in preparation for the big meet with the Engineers from behind Central Square. For two years now the Beavers have shown their heels to the Crimson and it is up to this season's squad to erase the defeats. Capt. Walt Chapin is going strong and the team is up to its full strength with the exception of Johnny Perkins and Yid Barker who are still taking things easy.

In New Hampshire harriers the hill squad faces a tough proposition as they will run over a strange course which is especially hilly. This with the fact that they will be running against a team that is used to such ground makes it tough for the Engineers to win. The lack of a hilly course near Technology is another handicap, however the men are in great spirit and are out to put up a fine run. H. B. Smith, Preston, Hunt, Bailey, who scored last Friday will run Saturday and are expected by Coach Hedlund to run strongly.

Coaches Connor and Os Hedlund have been putting the men through a lot of work to get them into the pink of condition for today's race, and no effort has been spared in order that the men should come through with colors flying. With a race with Princeton next week in which they will have a chance to revenge the defeat of 1923 when after winning decisively from the fast Cornell seven and also Harvard they were outrun by the Tigers on an off-day. After their first upset they failed to reach their pre-season form and lost out in the I. C. A. A. meet at Van Cortlandt Park. It is with this meet in mind that Doc is training the men and with such men as Bemis, Parkinson, Hooper, and Rooney they ought to do better than twelfth in which position they finished last fall.

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## MUSICAL CLUBS PLAN ANNUAL WINTER TOUR

(Continued from Page 1)

more, and Washington, or a northern trip including concerts at Worcester, Buffalo, Cleveland, and other cities en route. After consultations with E. J. Whitcomb '11 of the Raymond and Whitcomb Tour service, General Manager Hoar was able to state at the smoker Friday evening that as far as finances were concerned the clubs would probably be able to make the trip to Cleveland. It still remains, however, to secure contracts from the various Technology Alumni Associations stationed along the route which the clubs expect to take.

Cider, doughnuts, and cigarettes were distributed freely at the smoker and other amusements were offered such as bridge games and musical entertainment in the shape of a trombone solo by one of the freshman competitors for the clubs, Keith '28 and a performance on the saw by P. C. Davidson '25.

## FROSH DETERMINED TO WIN FIELD DAY EVENTS

(Continued from Page 1)

testants is the opinion of observers at the track house.

With eight crews on the river, the lowly frosh is highly expectant whenever the three points awarded crew are mentioned. The first freshman crew is a husky aggregation and is putting spirit into rowing. What will happen in competition is problematical however since the frosh have yet to row in an official contest.

Tug-of-war does not present such a bright future for the frosh as it did a week ago.

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