

PROM COMMITTEE NOMINATIONS DUE TOMORROW AT ONE

Numerous Blanks Circulating
In Class Rooms Show
Many Running

PRESIDENT IS CHAIRMAN
Class of 1927 Will Vote for
Five Men in Elections
Next Wednesday

From present indications a large number of candidates will be nominated for membership in the Junior Prom Committee. Numerous nomination blanks have been circulating in lecture rooms in the last few days, and if the rate continues it is expected that there will be a closely-contested race for positions of the committee.

All blanks must be in before 1 o'clock tomorrow. They must be turned in at the information office where a box has been set aside for this purpose. Elections will be held on the following Wednesday, and only those officially recorded as in the class of 1927 will be permitted to cast a ballot.

Attention is called to the fact that membership in the Junior Prom Committee does not involve any additional points. This will permit men who are carrying a maximum amount of activity work to compete for the position without interference by the Point System Committee.

The President of the Junior class is, ex-officio, the chairman of the committee. At the elections the other five members of the committee are chosen.

AERONAUTICALS GET FREE PLANE RIDES

Free complimentary flights were given to a number of Aero Society members Wednesday afternoon by the Airport Service Company. The flights were made in "Travel Air" planes just brought to Boston by the Airport Company, who will use them for taxi service this winter.

Due to the fact that notice of the flights was not given until Wednesday morning, many Aero Society members did not avail themselves of the opportunity of taking this free ride.

At the Military Tournament Bazaar and New England Aviation Show to be held in Mechanics building from December 2 to December 5, the Aero Society, among other articles of display, will exhibit a small Caspar Heinkel submarine plane, brought to the Institute for test purposes. The plane is a small one seater, 80 H. P. scout biplane, which can be stored on the deck of a submarine and then assembled for flight ten minutes after reaching the surface.

ANNUAL MEETING OF A. S. M. E. NEXT WEEK

Members of the American Society of Mechanical Engineers will hold their annual meeting in New York between the dates of November 30 and December 4. The program will consist of the usual list of papers which will be given every day throughout the week.

Two delegates will be sent from Technology to be present at the luncheon of the council and student branch delegates to be held Wednesday at noon. About 150 graduates of Course II are members of the society.

ARCHITECTS GIVEN PRIZES IN CONTESTS

A second meeting of the jury on constructive problems in the architectural department of Technology, Harvard, and the Boston Architectural Club was held last Wednesday at Rogers. The two problems judged were a sketch problem entitled "A Stone Lucarne (Former Window)" and a seven week problem entitled, "A Hall for Entertainments." In the sketch problem, Bernard and LaPorte of Harvard and Buenz of Technology received "First Medal," and Miss Parsons of Technology received "Second Medal." In the half term problem, Herreshoff, received "First Mention Placed."

Distances of One Hundred Millionth of An Inch Can Be Measured By X-Ray

Method Gives a Result of One
Percent Accuracy, Says
Professor Norton

Small distances to the average student mind mean something in the nature of a few thousandths of an inch, but according to Professor J. T. Norton of the Department of Physics, measurements to one hundred millionth of an inch are now possible, with an accuracy of one per cent or less. The X-ray is the means of such precision measurements and it is really used as a sort of microscope to determine the distance between atoms in crystalline structures.

There are reasons for this careful work, among them being the fact that such measurements show the arrangement of the atoms within the crystal and the difference between amorphous and crystalline materials is discernible. The various allotropic forms which a material possess also can be defined. The X-ray used in this form is more of a research tool than one of production and at the present time its use industrially is somewhat doubtful, stated Professor Norton.

Valuable to Chemists
The Powder Pattern method is the term applied and its field of usefulness is not limited to metallurgy alone but it is equally valuable to the chemist as a means of analysis and to the ceramic manufacturer, also. The crystalline material is prepared usually by grinding to an extremely fine powder and it is held mechanically by paste, within small glass tubing or even in the form of wire or sheets. After being in the field of X-rays for several hours and having used a photographic film for recording the results; the characteristics of a metal or an alloy can be readily determined. This method is useful in the study of alloys, intermetallic compounds and salts.

Though such determinations do not find much usefulness as direct tests in the industrial field, the knowledge gained can be applied to commercial practice with benefit, according to Professor Norton.

Hammond Writes Leading Article In Next Review

December Issue Will Contain
Expansion of Author's
Aldred Lecture

John Hays Hammond, who delivered the Aldred lecture to Seniors and graduate students on October 16, is the author of the leading article in the forthcoming number of the Technology Review, the monthly magazine published by the Alumni Association.

Basing the article on his Aldred lecture, "The Engineer and His Profession," Mr. Hammond develops further the idea that the engineer must acquire a social and political consciousness if he is to take the place in the affairs of the world for which his training fits him. As in his lecture, he urges engineers to take pride in their profession and take more interest in the problems of human relationships.

Henry H. Saylor '02, former editor of "Country Life," describes some of his experiences as a mountaineer in the Glacier National Park. He is a Fellow of the Royal Geographical Society. His story is entitled "Timberline Trails."

The Technology Review, beginning with this issue, will devote more space to undergraduate affairs at the Institute, since the magazine is the only source of information that comes to the attention of most of the Alumni. The events of the past month are reviewed—a complete account of the Field Day happenings being included. The bi-monthly "Architectural Bulletin" appears in this issue, in which the achievements of graduates from the Department of Architecture are recorded.

As in the previous number, Samuel V. Chamberlain '18 drew the cover design. This one is the second of a series of eight which Mr. Chamberlain sketched while attending the Summer Session here this year. The design, a view from the Main Lobby, is printed in three colors.

Sale of the Technology Review to the student body will be started Tuesday morning in the Main Lobby.

Resignation of Vail Librarian Just Announced

Will Take Effect Next Month
—Mrs. Lane Goes to Lake
Placid Club

Mrs. Lane, librarian of the Vail Library, has accepted an offer to take charge of the library of the Lake Placid Club at Lake Placid, New York, and will complete her duties at the Institute in the middle of December.

Dr. Melvil Dewey, founder of the club, is responsible for engaging Mrs. Lane as librarian of that organization. Dr. Dewey was known as the "Father" of the American Library Movement 50 years ago and is the originator of the library system which is now employed in the Central Library.

Professor D. C. Jackson, head of the Department of Electrical Engineering when questioned as to Mrs. Lane's resignation made the following statement. "We of the Electrical Engineering Department regret to hear that Mrs. Lane is leaving, as we appreciate the work that she has done in acquainting students with, and showing them how to use the library."

"Over one quarter of the students at the Institute are engaged in the study of electrical subjects and the importance of the Vail Library in this study cannot be over-emphasized. In this library we have a very rich and complete collection of books, and to make the best use of this collection students must know how to use the library."

"In selecting a librarian to take Mrs. Lane's place we shall, I am sure, be able to find one who will take the same interest in the students that she has."

Mrs. Lane wishes to extend the invitation through THE TECH to all connected with the Institute to call at the Lake Placid Club and inspect the library whenever in that section of the country.

METEORITES SUBJECT OF LECTURE SERIES

Head of National Museum to
Discuss Phenomenon

Dr. George P. Merrill, curator of the United States National Museum at Washington, D. C., will deliver a series of four lectures from December 8 to December 11 on meteorites. The lectures are being conducted under the auspices of the Geological Section of the Department of Mining and Metallurgy.

The first lecture will be essentially popular in nature and will be a general discussion of "Meteorites, Their Distinction, Composition and Origin," held on Tuesday, December 8, at 4 o'clock in room 10-250. The remaining three lectures of the series will be more technical, having been prepared for the advanced students of Geology, and will be on "Meteorites, Their Mineralogy and Structure." They will be held Wednesday, Thursday and Friday afternoons at 4 o'clock in room 4-370.

All persons interested are invited to attend the first of the series. It will include a historical discussion of all phenomena in this connection, and the causes of the observable effects when one of the bodies strikes the earth. An attempt will be made to discuss the various theories of origin in general.

PROFESSOR BORN TO SPEAK AGAIN TODAY

Today Professor Max Born of the University of Goettingen will deliver his fourth lecture of the series "The Atomic Theory of Crystals." This subject is the more important of the two topics under discussion, according to Professor Born and two afternoons a week are being devoted to it, Wednesday and Friday. Each Monday afternoon the lecturer discusses some phase of the series, "The Lattice Structure of Rigid Bodies" and next Monday he will deliver his third lecture.

The audiences at Professor Born's lectures have been increasing and a number of scientists and physicists other than members of the Institute Staff have been present.

FRESHMAN LECTURE TO BE ON HYGIENE

"Personal Hygiene" will be the subject of next week's freshman lecture to be given by Professor J. W. M. Bunker of the Department of Biology in room 10-250 Thursday at 4 o'clock. Professor Bunker's talk will include a discussion of "How to Keep Well, and How to Keep Fit." This week's freshman lecture was omitted because of the holiday Thursday.

The hour from four to five on Thursday has been designated on the first year schedule as the "Dean's hour." During this hour the Dean has been arranging a series of lectures for the first year men which will last until the end of the term. Attendance at these lectures is not compulsory but as this hour has been purposely left free, all first year students are expected to be present.

'CEMENT' SUBJECT OF SIX LECTURES

Concrete Mixes Will be Dis-
cussed in Series of Talks
Next Month

A series of six lecture demonstrations on the proportioning of mixes will be conducted under the auspices of the Portland Cement Association with the co-operation of the Institute in room 3-270 starting December 1, to which anyone interested is invited and for which there is no charge.

Possibilities of so designing concrete mixtures that a predetermined strength may be corroborated by future tests have received considerable attention during the last few years. Many laboratory tests have been made for the purpose of establishing any truths which might possibly be linked up with the original theories in this regard, many national construction organizations have spent considerable time and trouble in job analyses, and the Portland Cement Association has followed these developments closely.

It is the intention in these lectures to study from a practical point of view the questions of water-cement ratio, fineness moduli, strengths and job control through actual concrete mixers from which test cylinders will be made and compressive failures will be measured. All the details of the bulking of sand, moisture in sand, inundation methods, aggregate sizes, scientific mix designs, will be studied in detail.

Anyone interested in registering for this course should address the Portland Cement Association, 10 High Street, Boston, in order to make sure that his name is included as it is necessary to limit the registrations to 200, at this time.

BACTERIOLOGICALS WILL HOLD MEETING

Dinner for Members to Precede
The Quarterly Meeting

Tomorrow the Boston Bacteriological Club will hold its quarterly meeting in the Faculty Dining Room, Walker. The meeting will be preceded by a dinner at 6:30 o'clock for all members.

Francis H. Slack, chairman of the club, and Instructor of Biology and Public Health at the Institute, has arranged for two speakers at the meeting. Mr. Slack is in charge of all the Bacteriological work at the Boston Dispensary.

The first speaker of the evening will be Dr. H. C. Sullivan of Harvard Medical School, who will talk at length on the treatment of paresis with malaria. Dr. Sullivan has made a special study of malaria at Harvard. The second speaker on the program will be Dr. M. P. Horwood, assistant Professor of Biology at the Institute. Dr. Horwood's topic will be, "A Health Survey of Eighty-Six Cities of the United States."

The Boston Bacteriological Club is made up of men interested in biology and public health living within Greater Boston. The club contains men from Harvard, Tufts and Boston University Medical schools, as well as men from private institutions located in or around Boston. This club also serves as a professional society for Seniors of the Institute, who are eligible to join.

COMBINED CLUBS PLAY AT EDISON CLUB ON MONDAY

Affair Includes Selections by
The Separate Clubs With
Dancing Afterward

PLAN CHRISTMAS PARTY
To Be Held at Whitney Hall on
December 18—Tickets
On Sale Soon

On Monday night, November 30, the Musical Clubs will give a concert at the Club House of the Edison employees at the Service Station on Massachusetts avenue. The concert will begin at 8 o'clock.

This concert is an annual affair and except for 1923 it has been given for the last five years. Usually it is held in December but due to the clubs playing at Gordon's Capitol Theatre the week of December 7, it was impossible to arrange it as before.

Dancing will be held after the concert and music will be furnished by the Tectonians. The management announces that banjo lights can be used, and also mandolin and banjo ribbons.

The concert will include numbers by the Banjo Club, Glee Club, Mandolin Club and the Jazz Band. Specialty acts will include a piano duet by C. W. Clay '26 and H. L. King '29, a violin solo by G. W. Smith '26 accompanied by G. W. Bates '26 on the piano, and probably a brass quartette by W. H. Borghesani '26, and A. R. Keith '27 playing trombones, with P. C. Davidson '26 and W. A. Witham '27 playing trumpets.

To get to the Edison club house, take a Dudley Street car from Massachusetts station, transfer at Northampton street for an Uphams Corner car. Get off at the Edison Plant, which is between Northampton Street and Edward Everett Square on Massachusetts Avenue.

Christmas Party Arranged
Arrangements for the Christmas Party have been completed and the ticket sale will begin shortly after December 1. The party will be held at Whitney Hall on December 18.

According to the management this Christmas Party has been planned to take the place of the Fall and Winter Concerts. Due to the two term system the possibility of having three concerts is precluded, for the mid-years come at the time when the Winter Concert has been given in the past.

W. P. Lowell Jr. '26 states, "By combining these two concerts we are going to make a bigger and better concert than before. This party will come at a very logical time as far as the work of the student body is concerned and since it is the biggest event of the Fall social season at Technology it should prove a fitting climax."

The winner of the Annual Prize Poster will be announced shortly. Virgil Quadri, last year's winner, is not at present at Technology and the outcome of the contest is close. Since the broadcast many telegrams and letters have been received from people all over the country who enjoyed the concert broadcasted last Tuesday night from WBZ, Springfield.

BROWN CHAIRMAN OF MECHANICAL SOCIETY

Elections for chairman and Sophomore assistant of the Mechanical Society were held last Wednesday in room 3-460. Francis A. J. Brown, '26 did not have any opponent for the position of Chairman. He takes the place of K. E. Hill '26 the late chairman who was forced to resign on account of the press of other work.

H. B. Dean '28 was elected over R.L. Spofford '28 for Sophomore assistant by a vote of eleven to ten.

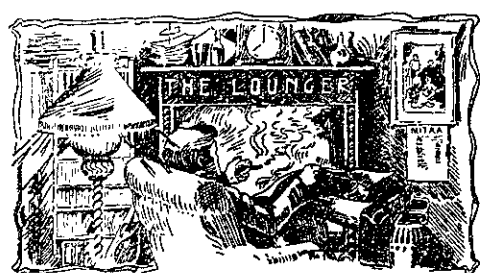
CALENDAR

Friday, November 27
8:00—Electrical Engineering Society meeting. O. M. Hoovgaard '26 will speak on "The Vacuum Tube."
Monday, November 30
8:00—Musical Clubs Concert at Edison Employees Club House at the Edison Service Station on Mass. Ave.
Wednesday, December 2
8:00—Aeronautical Engineering Society Exhibit. Mechanics Building.
Friday, December 4
8:00—Dorm Dance, Main Hall, Walker.

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In charge of this issue: A. D. GREEN '26

SARCASM—A VERBAL BLUDGEON

CAN sarcasm offer any excuse for its existence? It lacks the subtlety of innuendo, the interesting ingenuity of satire, and the frank brutality of invective. The derivation of the word—tearing the flesh—is a good index of its nature. Sarcasm is a literary broad-axe and a verbal shillalah whose doubtful virtue lies in the fact that it is easy to use and is not likely to be misunderstood. This, however, seems insufficient justification for its use. Does it benefit the person who employs it? Probably it gives him a kind of superior feeling, as of scorn, and greater knowledge, but it makes others think less of the user and frequently converts them to the side of the attacked. Except for an egoist, petty personal satisfaction hardly compensates for the poor opinion of others.

Is sarcasm any help to the person who is the object of it? It does not instruct, hence it is of no use in correcting an error. It makes no attempt to convince, so it helps no one who is morally or ethically wrong. The only emotion it arouses is resentment, which is liable to express itself in any number of unpleasant ways.

In short, sarcasm is a clumsy and ultimately ineffectual weapon which should be used only to conceal ignorance and to satisfy selfish emotions. Consider this: If what you are going to say adds nothing to the sum total of knowledge and happiness in the world—don't say it.

SOFT COAL, WHY NOT?

FOR a long time, the bombastic critics of American manners tell us, Boston has been losing its prestige in art, music, letters, and politics. Now, those who would think in the approved modern style kneel, we are told, facing not Boston but New York or Chicago for inspiration and approval. This rumored loss of the imperial power apparently perturbed Boston's intellectual aristocracy but little. Boston was still Boston—until someone discovered, the other day, that soft coal could be used as a fuel for heating the home. The economic advantages of bituminous were extolled in the metropolitan papers, and immediately a storm of vigorous protest appeared. If the use of the new stuff is to become popular, the critics say, Boston's air will be unfit to breathe, her building's fronts will grow blacker, her laundry bills will triple, and her skyline will be blotted out by clouds of suspended soot as in the "smoky cities of the Middle West."

But why do Bostonians think that the use of soft coal in the home will increase the smoke and soot menace when the casual observer has difficulty in distinguishing between conditions of cleanliness in Boston using anthracite and those of other cities using bituminous? Boston's skyline is no clearer than that of any other large city where manufacturing is carried on, and the mixture of a little soft coal smoke from residences cannot have enough effect on the air, already dirt laden, to produce any serious consequences.

THE COPITHORNE READINGS

A FEW years ago, in memory of William Eastman '17 a series of public readings was instituted in the Walker Library. That these readings have won a permanent place in the hearts of many Technology men is witnessed by the tremendous popularity with which they have been received in the past. In response to this popular demand, the Copithorne Readings will begin again early next month. To those who have attended these readings in the past they need no introduction—to those who have not been so privileged a word of explanation may be offered.

These readings were originated primarily as a means of entertainment, but practically, they represent cultural pursuit of the highest order. The total absence of technical subjects makes a most pleasing contrast to and not a little relief from the daily succession of quizzes and lectures. Above all, it must be emphasized that these readings are not dry, as one might believe; but on the contrary, are most interesting. The selections read are most skillfully chosen from all the various kinds of literature. At times it is the humor which appeals to us,—again, it is the pathos,—but always it is the note of human interest. To attend the readings is to travel the world; to live the life of a sailor with Conrad; to appreciate character as only Dickens can portray it; to laugh with the wits; to meditate with the philosophers; in short, to gain a breadth of vision and an amount of entertainment which is completely beyond the power of science to give.

Some years ago, a Congressman presented a bill in Congress, so the story goes, to have pi changed from the inconvenient figure 3.14159. . . . to 3.0000. Acting in the same spirit, the Lounger is going to attempt to have 36 hours put in a day. It would take just about 36 hours for him to keep up with his work. As to the back work that has accumulated, at the present rate it will take most of a fifth year to get that done.

The profs can rest from Fri. to Mon. But the Lounger's work is never done.*

The Lounger seriously and frankly wonders just what the departments really expect from Seniors. Do they actually expect these men to keep up with their work from day to day, or do they realize that nine out of ten Seniors simply scramble along letting one subject slide while catching up in the rest, then when a quiz comes along letting everything else go, to cram enough knowledge in that one subject to pass? An allegorical representation of the average Senior would be a watcher on a leaking dike, holding in his hands a limited amount of clay. With it he must patch up the holes enough to keep the thing together.

The Lounger hopes he is a normal man with a fair balance between studies and outside interests. So he feels justified in saying that if the departments expect the work kept up day by day, it is a physical impossibility with the present 24-hour day, and if they are satisfied with the mad scramble something is wrong. The Lounger is taking some wonderfully interesting courses this year, courses to which he would like to devote extra time. But instead of really enjoying these subjects and his Senior year, it is a case of dab at the surface of this, and that, and the other thing, until it becomes monotonous drudgery.

The Faculty has its point of view. They claim an engineer must know a little of everything, and that the more information the student is exposed to, the more will stick. The question is does it stick permanently or merely until exams are over? To the Lounger it seems like a case of filling a pail by forming a ring around it and splashing water into it. The pail is filled eventually but half of the water is wasted.

The Lounger being by nature bashful, shrinks from the idea of invading the mystical realm of woman's rights. But hearing of a very interesting series of articles to be started in the Ladies Home Journal, he bought a copy and opened it expecting to blush at much hosiery and negligee. In this he was disappointed—he even found an advertisement for men's clothes. But to return—in these articles a college man is going to attempt to show the real conditions among the undergraduates at various representative colleges.

What a welcome relief from the deluge of so-called college stories, written to appeal to non-college readers. It is through such books that the average American has acquired the idea that college is nothing but a place where youth spends its days playing football and its nights on wild parties. If this author can do what he has set out to do, he deserves a vote of thanks.

The Lounger does not say anything when a few anaemic-minded individuals walk on the grass or smoke in the halls and throw butts on the floor. But when it comes to spitting on the floor or carefully laying a burning cigarette on a polished table with the back end hanging over the edge so that dust will not soil precious lips, it is too much!

* Poetry—Editor's Note.

Play Directory

- COLONIAL: "Stepping Stones."—And they certainly do step.
COPLEY: "The Creaking Chair."—Thrills and laughs aplenty.
HOLLIS: "The School for Scandal."—With an admirable cast.
NEW PARK: "The Dark."—Elsie Ferguson, supported by a well-chosen cast.
PLYMOUTH: "Beware of Widows."—Miss Kennedy which is to say "a good show."
REPERTORY: "Rip Van Winkle."—Tales of olden days.
TREMONT: "George White's Scandals."—They say they are good.
WILBUR: "Old English."—George Arliss.
SHUBERT: "The Student Prince."—Top notch show.

INTELLIGENT GIRLS FAVORED AT N. Y. U.

Students Vote for Personality Above Beauty—Drinking Condemned

Questionnaires answered by 100 students and ten of the faculty of New York University revealed that the "ideal girl" must have personality and intelligence, not beauty. To the question, "would you marry a girl mentally superior to you?" fifty-two of the students answered "no," forty-five wrote "yes," and three others were undecided.

To the question, "are education and intelligence necessary?" ninety of the 100 students answered "yes," and only ten "no." Those who answered negatively based their opinions on the fact that they knew girls who had nothing more than a grade school training.

The "ideal girl" must be good-looking, for seventy-one insisted on this qualification. Good looks, however, do not make up for lack of personality. For when asked "do you prefer beauty to personality?" ninety-one wrote "no." Personality proved to be among the chief attributes of a perfect woman, ninety-five out of a hundred saying that this quality was one of the most important of all feminine virtues.

To the question regarding the use of liquor by girls, twelve were in favor, five not concerned, and eighty-three opposed it.

Cigarettes are also in disfavor. Although most of the students were smokers themselves, eighty-two objected to the use of cigarettes by girls, five did not mind what they did and thirteen were in favor of allowing them to smoke if they wanted to.

Rouge was also disapproved. Sixty-five were against it. Athletic women were favored by a vote of fifty-eight to forty.

The "ideal girl" must also be a good dancer. Only nineteen thought it was unnecessary for a girl to be a dancer to meet their standards.

—The New York Times.

Sunday Services

- FIRST BAPTIST CHURCH IN BOSTON: Commonwealth Ave. and Clarendon St. Sunday—10:30 A. M.—Morning worship, sermon by the minister. 12:00—Discussion Group. 7:30 P. M.—Student Club. Prof. O. W. Warrington, B. U.
FIRST PRESBYTERIAN CHURCH IN BOSTON: Columbus Ave. and Berkeley St. Sunday—10:30 A. M.—Dr. Watson. "The Paradox of Christianity." 12:00—Men's Class in Auditorium. 5:00 P. M.—Social Hour. 6:30 P. M.—Young People's Meeting in Vestry. 7:30 P. M.—Evening Worship. Regeneration began in Realization.
TEMPLE ISRAEL: Commonwealth Ave. at Blandford St. Saturday—10:30 A. M.—Rabbi Levi, "A Test of Manhood." Sunday—10:15 A. M.—Morning Religious School. 11:00 A. M.—Rabbi Levi, "Not Whence but Whither."
PROSPECT ST. CONGREGATIONAL CHURCH: Sunday—10:30 A. M.—Rev. W. M. MacNair, "Sowing and Reaping in Life." 6:15 P. M.—Sunday School. 7:30 P. M.—Evening service.
EPWORTH METHODIST CHURCH: Near Cambridge Common, Cambridge Sunday—10:30 A. M.—Morning Worship. 12:10 P. M.—Epworth Class. Discussion on "Life After Death." 7:30 P. M.—Young People's Service, "The Moral Order."
BROOKLINE BAPTIST CHURCH: Sunday—11:00 A. M.—Mr. Lindsay, "The Parables of Jesus." 6:30 P. M.—Students Meeting. 6:30 P. M.—Evening Worship.

Intercollegiates

Holy Cross College is celebrating the fiftieth anniversary of the coming of the first day student to Holy Cross this month. Numerous celebrations are being held. They also observed this month their second annual fathers' day. The debating society held one of its

most interesting debates on the question whether the senior class should wear a distinctive costume. After a heated argument it was decided that they should.

The McGill Chess Club recently accepted a challenge from Oklahoma University to play a match by mail. Several games can be carried on at once but the chief difficulty is in the time. Since each move must be mailed to the other team and their answer received before the next play can be made the games will probably take months to complete. However this arrangement gives the players plenty of time to ponder, a common failing of chess players.

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Mount Vernon Church
Beacon St. and Mass Ave.
Ministers
Sidney Lovett Everett Baker
11:00 o'clock—Morning Worship. Mr. Lovett will preach a sermon appropriate to the first Sunday in Advent.
7:30 P. M. Young People's Society in the Chapel. "Fair play Between the Sexes" a continuation of last week's topic led by Mr. A. Olmstead of Tech and Miss Catherine Holmes.

DINNER and SUPPER DANCES
"WHERE THE POPULATION'S ONLY TWO"
Is all very well in a popular song. But in Goodtime land, you enjoy a background of population that is having a happy time, too. That's one reason smart people love to do their dining and dancing at the Egyptian Room of the Brunswick.

The EGYPTIAN ROOM
The BRUNSWICK
Boylston St., at Clarendon

LILLIAN'S
The New Tech Dining Room
Inquiry as to Price and Trial of Quality Will Surprise You
LILLIAN'S
421 Marlborough St. Corner Mass. Ave.

ENGINEER TEAM SHUT OUT BY CADETS

West Point Noses Out Engineer Soccer Team By Very Small Margin

In what was their final game of the season, the Technology Soccer team was barely nosed out by the powerful West Point eleven Wednesday afternoon by the close score of 1 to 0. Several times the Engineers had an opportunity to tie the score but were prevented from doing so by the fine defensive work of the cadets.

The game was fraught with thrills from start to finish and in holding the strong Army eleven to such a low score the Beavers showed that they are a fast aggregation. The cadets showed a fast offense which was difficult to solve and many times the Engineer backs came to the front and broke up their running game.

Captain Luis Arana played a stellar game for the Engineers with his fighting tactics in breaking up the opponents' thrusts, and his ability to keep his feet at all times stood him in fine stead. Young and Martinez also played in fine form, both playing their last game for the Institute.

The cadet score came early in the first half before the Engineers could organize their offense and the furious onslaught of the Army forwards broke through the Engineer defense and slipped the ball by the hands of goalie Flynn. From that time on the Beaver uprights remained unscathed, but several times Flynn was kept busy guarding the goal.

It was a tough game to lose, particularly after a number of near goals on the part of Germain and Martinez towards the end of the game. Germain played a pretty game at outside right and he should prove a valuable man on next year's eleven. In the second period the ball was kicked back and forth, first on the Beaver's side and then on the Cadet's and of the field with the cadets having the edge.

Young's toe was a deciding factor all through the game, his boots all going 40 yards or more consistently just as in the game with Clark last week. The loss of this game means that the Engineers have wound up their regular schedule but a game will undoubtedly be arranged with the All Star Chinese team of Boston within the next two weeks.

BEAVER SWIMMERS CONFRONTED WITH HEAVY SCHEDULE

Initial Meet of Season With Boston University on January 9

FROSH HAVE NINE MEETS

Facing one of the stiffest aggregations of tank opponents ever scheduled for an Engineer swimming team, the natators have their work cut out for them between now and the opening meet with Boston University on January 9. Intervening, however, will come the interclass meet on December 11, providing a good workout as a preliminary to the stiff schedule laid out for them.

The 1926 schedule includes four colleges which were not on last year's schedule, namely, Williams, Dartmouth, Union, and Syracuse. These teams supplant Wesleyan, West Point, Yale and Lowell of last year's competition. The freshman aggregation will face two more opponents than the varsity with a total of ten meets. With this heavy schedule the yearlings will have to do some navigating to equal the fine showing of last year's freshman team.

Not nearly enough men are coming out for the interclass competition which is but two weeks away and it looks now as if the class of 1928 would be the next to inscribe their numerals on the shield which was presented to the Institute by the Brookline Swimming Club. For a man to enter the interclass meet it is not necessary for him to come out for swimming or to be eligible for the varsity. The only qualification necessary is that he be a student at the Institute.

The varsity has not yet been picked and will not be until after the interclass meet. Anyone placing in this meet is almost sure of a place on the varsity.

BOXING CANDIDATES IN SPLENDID FORM

Season to Open With McGill Here Feb. 6—Stiff Schedule Being Planned

With a little over a month of practice Coach Tommy Rawson is slowly but surely whipping the boxing candidates into shape.

Every afternoon at the hangar twenty to thirty leather pushing aspirants are seen putting on the gloves, stepping a few fast rounds and taking their share of punishment. Around the corridors during the day, more than one black eye and swollen jaw is seen. This is the kind of never say die spirit that is the foundation of a winning team, no matter what the sport may be. It is the type of spirit that make good teams champions and poor teams good ones.

Need Men in Heavyweight Classes
Although the season does not commence until February 6, Coach Rawson is directing training as if the first match were next week. He is taking no chances of not producing a powerful team. From every outside appearance it is evident that both the varsity and freshman aggregations will produce teams capable of taking the measure of their adversaries.

With Captain Epstein, Kwok and Flynn, of last season's varsity as a nucleus, Coach Rawson is stopping at nothing to bring forth a team of first class calibre. He has yet to see a candidate for the 168 and 175 pound classes. Outside of this he has a wealth of splendid material. Peatfield and Conroy of last year's freshman squad will make a strong bid for the 115 and 145 pound classes respectively.

(Continued on Page 4)

SECOND HANDICAP MEET OF SERIES IS HELD TOMORROW

Track Events Drawing Many, While Field Events Are Being Neglected

MOSTLY NEW MEN REPORT

Handicaps Have Been Adjusted Since First Meet of The Season

Tomorrow the track management will conduct the second of the series of handicap meets to be run on Tech Field until the cold weather makes it impossible to use the cinder track. The first meet held several weeks ago drew a large number of men and Coach Os Hedlund expects even more out for the different events tomorrow. It is not necessary that a man be out for track in order to enter the handicap meets. The size of the handicaps that are being given to the different men is sufficient to give every man coming out for the meet a fair chance to win. There is also the added inducement in the different cups offered by the Advisory Council to the individual winners.

Field Events Neglected

The system of handicap meets held regularly is one of the best means of strengthening a team. The same system is employed by the University of Pennsylvania and Illinois and other universities which boast crack track squads. Coaches Hedlund and Connors have uncovered several of their good men by this system, and men that were never seriously considering coming out for track have struck. It is not however compulsory for a man to remain out for the sport because he enters a handicap meet.

Although the track events drew a considerable number in the last meet, the field events on the whole were rather neglected. Last year the field events drew nearly the same number of men that the track events did, and some of the keenest competition of the year was displayed in the pole vault, hurdles, shot put and hammer. Unless quite a few men show some interest in these events soon, Doc Connors is going to have tough sledding to turn out a winning field event squad when spring rolls around.

Leness Rounding Into Form

It will be interesting to note the results of the second series of events and compare the winners of these events with the first meets winners. It is not likely that there will be another double winner in tomorrow's meet, as the handicaps will be more evenly adjusted. In the first run, A. H. Shedd walked away with the 75-yard and 150-yard dash in rather easy style last meet, so it will be necessary to give the rest of the entries a still larger handicap as Shedd ran from scratch in both races.

Tomorrow's meet will probably find George Leness in better condition than in the first meet. Leness is not up to the form he was in when he captured the New England and upset the dope in the Nationals, so was not able to give the large handicap he was called upon to do in the first meet. Leness is not forcing his training, as Os Hedlund is priming him to capture the Nationals this year, and there appears a strong likelihood of his doing so.

Doc Connors is at the same time grooming Hank Steinbrenner for the hurdle title, so the work of these two men in the handicap meets at this time is no true criterion of their strength. At the present time, there is a dearth of older material entering the meet. Most of the men that are entering are inexperienced, so they are receiving competition only from each other.

SPIKES

It was too bad that Fred Peaslee of New Hampshire could not run in the Intercollegiate. Fred has never yet been pressed in a long distance race. He finished about two hundred yards ahead of Hillman of Maine in the New England games while Tibbetts led the same man by about one hundred and fifty yards. It would certainly have been great to see the upstate man abreast with the Harvard and Syracuse leaders. The sport critics would then have a chance to compare two entirely different forms of running for the Crimson flash races with his arms flying out in front and his body erect, while the New Hampshire harrier has a sort of swaying

Swimming Schedule

December 11, 1925—Interclass Meet, Cambridge Y. M. C. A.		
	Varsity	Freshman
January 9	Boston University Boston Y. M. C. A.	Malden H. S. Malden Y. M. C. A.
January 16	Amherst College Cambridge Y. M. C. A.	Andover Academy Andover, Mass.
February 13	Williams College Cambridge Y. M. C. A.	Worcester Academy Worcester, Mass.
February 17		English H. S.
February 20	Dartmouth College Hanover, N. H.	Cambridge H. S. Cambridge Y. M. C. A.
February 26	Union College Schenectady, N. Y.	
February 27	Syracuse Univ. Syracuse, N. Y.	Exeter Academy Exeter, N. H.
March 4		Huntington School Boston Y. M. C. A.
March 6	Brown University Providence, R. I.	Brown Freshmen Providence, R. I.
March 12-13	N.E.I.S.A. Wesleyan Middletown Conn.	Newton H. S.
March 18		Brookline H. S. Brookline Tank

motion, jerking from one side to the other, a feat that wears out most runners very quickly.

One of the odd events of Monday's race occurred in the frosh race. Norm McClintock and two other runners were the only ones that went outside of the flag at the mile post. The others should have followed but instead, one cut out, in this way saving himself about forty yards and the rest were quick to trail him. The checkers of course could not disqualify more than two thirds of the entrants that were at fault so the infringement was let pass. Incidentally, Benson of Cornell, the winner of the race, was one of those who took the short cut.

A fair idea of how fast the Varsity race was run might be obtained from the fact that the last three men were seven minutes behind the leaders. This trio was not as bad as anyone might suppose, either, for every entrant in this meet has to be a real runner. Only the cream of the hill and dale men ever are allowed to compete in the National Intercollegiate.

Yale certainly pulled a surprise in the freshmen run when they romped home a winner by a comfortable margin. The New Haven harriers did not shine exceptionally before the Intercollegiate and were generally picked

to come in about fourth. They certainly deserve credit for the race they ran, keeping in a group for the major part of the distance, while fifteen points separated the first son of Old Eli from the last.

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Athletics Growing In Popularity At French Colleges

Attitude of Average Frenchman Toward Sports Is Changing

"There is a distinct movement on foot in France to popularize intercollegiate athletic contests," said Thomas T. Topping, foreign sport editor for the Associated Press in an interview granted to the Yale Daily News. "France is fundamentally a nation of art and literature and until four years ago a college man who enjoyed athletics was considered a heretic. French college sports have had the opposition of the bespectacled professor even more than have American athletics. But at present there are organizations which expressly further interest in competitive sports. The Paris University Club built a large stadium and brought Paddock and Murchison over to increase interest in sports. There are also organizations of students in the Sorbonne and many of the provincial universities which are trying to effect a relationship between French universities comparable to the Big Three in America. It will, of course, take some time, as the entire movement is still in its infancy. But it will be only a few years until French college athletes will be virtually on a par with those in America."

Mr. Topping continued by saying that French sports in general have

been severely handicapped by several unfortunate circumstances. "Athletes have always been reluctant to train." They smoke and drink as they please and refuse to take the proper amount of sleep. In the 1920 Olympics at Antwerp the trainers spent most of every night chasing the men all over town, and as a result they were in very poor condition for the races next day. In this, too, the French are improving. There was a decided improvement in the 1924 Olympics at Paris. They have learned that a certain amount of training is necessary if they wish to come to the front in sports."

In speaking of French sportsmanship Mr. Topping called attention to the fact that most sports were originated in England and America, where rules were drawn up and codes of etiquette formed to fit the Anglo-Saxon temperament. These rules were forced on the French without allowance for Latin temperament, which is different in many respects from the English and American points of view. As a consequence it has taken France some time to become accustomed to sporting form and etiquette, and in the meantime she has gained rather a bad reputation.

"Perhaps the black mark on French sportsmanship was given on May 19, 1924, when the American Rugby Team defeated a team composed of French players. It was the first rugby team America had sent to the Olympics and it had been thoroughly beaten in most of its preliminary matches. The French newspapers told their readers to come to the field and see France 'wipe up' America at rugby, and as a result the crowd came hoping to see a spectacle rather than a good, live contest. This was an ill-omened beginning. French rugby, moreover, has always been very largely a 'gentleman's game' and the French team was unprepared for the football spirit which was injected into the game by the American players. When, in the middle of the game, there was a dispute between players of the opposing teams, the crowd poured on the field hurling pop bottles and a general fight ensued."

BOXING MATERIAL TO FACE STIFF SCHEDULE

(Continued from Page 3)

ly. Captain Epstein, Kwok and Flynn are determined to hold their position in their respective classes and will have to fight hard to do so because the new men are making it hot for them by affording them stiff competition. Of the new men the most promising are Keith, Marshall, Weston and Brown who are making it hot for their adversaries.

Freshmen Appear Strong

The freshmen in every respect appear to have a strong outfit as many took advantage of substituting boxing for monkey drill. It is impossible to say who seems to have the edge in the fresh ranks as the competition is so keen, but it is evident by their eagerness in practice that they will have a winning team.

Manager Moore has arranged a stiff schedule for the varsity, having the best collegiate boxing teams on the card. The season will open February 6, when McGill comes here. After that will come the following meets in order of their appearance: Colgate, New Hampshire State, Yale, New York University and Syracuse.

"The two hundred sport writers in the stands were unanimous in saying that there was nothing objectionable in the American game. The row was started by the rough element which is always present at such events. Such a thing will not occur again and is not truly indicative of French standards of sportsmanship."

"In the tennis matches at Wimbledon, for instance, the French team composed of Borotra and Lacoste lost the first two sets to Cassey and Hennessey. Four years ago a French team in the same position would have given up. As it was, Borotra and Lacoste came back, winning three straight sets and the match. In general the French are gradually grasping the Anglo-Saxon spirit of taking victory and defeat quietly and with equanimity."

—Yale Daily News.

WALKER COMMITTEE STARTS COMPETITION

Freshman competition for the Walker Memorial Committee will start November 30 and continue until December 18, at which time three freshmen will be chosen for the committee.

Duties of members of the committee are administration of Walker Memorial and Naval Hangar, advertising in Institute corridors, and attendance at dances and entertainments in Walker. Advantages arise from the development of executive ability. The chairman of the Walker Memorial Committee is ex-officio a member of the Institute Committee.

At the end of the three weeks competition three freshmen are appointed to serve throughout their Sophomore year, at the end of which one man is dropped. The other two members serve through their Junior year and at the end of this time one man is made chairman.

There will be a meeting of candidates Tuesday evening. All freshmen wishing to try out for positions should watch for notices and be present at this meeting.

Tech Show to Choose Its "Women" Tomorrow

Dressed in wigs, skirts, rouge, and silk stockings, candidates for the female parts in Tech Show will be chosen at a special rehearsal which is to be held tomorrow. Several of the men have already been cast as women by the coach, George V. C. Lord, and the ones that show up the best in the tryouts will be retained.

The original number of candidates has already been cut to the extent that the cast and chorus are now almost down to the number which will be taken on the trip. There will be left after the cuts sixteen in the chorus, eight in the pony chorus, and nine members in the cast. In the cast there are three women, making a total of nineteen female parts which must be filled.

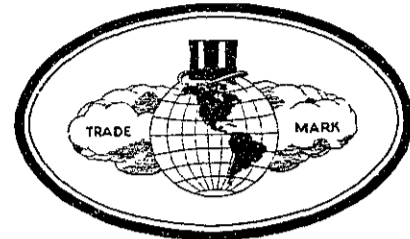
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Notices and Announcements

OFFICIAL

DYNAMO LABORATORY REPORTS

All reports on experiments performed in the dynamo laboratory previous to this term will be destroyed by Dec. 1 unless called for.

UNDERGRADUATE

BOXING

All freshmen who are substituting boxing for the required course in Physical Training must turn in class cards to Mr. McCarthy's office if they have not already done so, as no credit will be given until this is done.

TECH SHOW CHORUS

TECH SHOW chorus will rehearse tomorrow at 2 o'clock in North Hall, Walker.

TECH SHOW CAST

There will be no rehearsals of the Tech Show today or tomorrow.

FRESHMAN BASKETBALL ASSISTANTS

Competition is now open for freshman assistant manager of basketball. Report in Hangar any night at 5 o'clock. Three men are wanted.

T. C. A. EMPLOYMENT BUREAU

No man whose schedule does not appear on his application card will receive any work from this Bureau. We want to be fair and will cooperate to the fullest extent with those who keep their schedule, address and telephone numbers up to date.

WALKER MEMORIAL COMMITTEE

Freshman competition for the Walker Memorial Committee will start November 30 on which date schedule cards are to be left in the office. There will be a meeting of the candidates in the Committee Room of the Walker Memorial Building at 5:00 o'clock, Tuesday, December 1.

This competition ends on December 18 at which time three Freshman will be chosen for the committee.

JUNIOR PROM ELECTIONS

Nominations for members of the Junior Prom Committee of the class of 1927 are due in the Information Office before 1 o'clock Saturday, November 28. Elections will be held Wednesday, December 2.

T. C. A. HANDBOOKS

A limited number of this year's paper covered handbooks are available at the T. C. A. office for those who have not yet received them.

FREE LANCES

All T. C. A. Drive Free Lances who have not reported final subscriptions will please do so at their earliest convenience in the T. C. A. office.

MANDOLIN CLUB

Wanted—A clarinet player, report at rehearsals Wednesdays or Fridays in 10-250 at 5 o'clock.

STOLEN OVERCOATS

Men whose overcoats have been stolen in Walker which have not been returned please see the Assistant Superintendent of Buildings, in his office in the basement of building 3.

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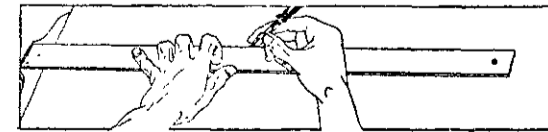
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