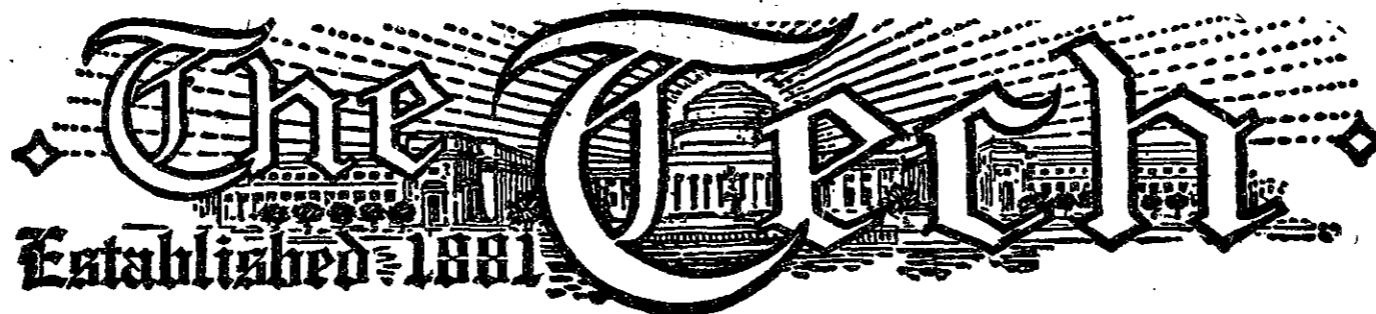


A Record of
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For 44 Years



Official
Undergraduate News Organ
of Technology

Vol. XLV No. 73

CAMBRIDGE, MASS., MONDAY, JANUARY 11, 1926

Five Cents

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TICKET SALE BEGINS FOR CLUBS' CONCERT

Tickets for the undergraduate concert of the Musical Clubs, which is to be held on the night of the All Technology Phantom Dinner in Walker Memorial, will be on sale today and all week from 12 to 2 in the main lobby. The price is fifty cents.

In addition to the program, which will be the same as that presented at the Christmas Concert, Technology songs will be sung by the audience. Light refreshments will be served, the charge being included in the admission price.

VOO DOO TO APPEAR ON SALE TOMORROW

Voo Doo will appear on the stands tomorrow morning with the "After Christmas Number." This issue will include "The New Year's Ball" and a feature article promised as a surprise.

Posters are to be distributed this morning advertising this issue and describing in more detail the feature article. As they wish the feature to be a complete surprise the Management of Voo Doo would not divulge the nature of its subject.

CALENDAR

- Tuesday January 12
5:00—Christian Science Society meeting, room 4-132.
5:00—Outing Club meeting, Faculty Dining Room, Walker.
6:00—Tech Boat Club crew dinner, Walker Grill Room.
Wednesday, January 13
8:00—Chemical Society Smoker, North Hall, Walker.
8:00—Reserve Officers meeting, Faculty Room, Walker.
Friday, January 15
6:30—Faculty Club Dinner, Faculty Dining Room.
8:00—Faculty Club Dance, Main Hall, Walker.
8:00—Tech Boat Club Dance, Faculty Room and North Hall, Walker.
Saturday, January 16
12:00—Tech Women's Club luncheon meeting, North Hall, Walker.

Hockey Team Gets First Victory of Season By 3-0 Win Over Aggies

Rough Ice Prevents Accurate Shooting and Hinders Good Teamwork

Technology's puckchasing sextet decisively trounced Massachusetts Agricultural College by a 3-0 score on the latter's home rink Saturday afternoon. In spite of the stormy weather, a large number turned out to see the home team play its first game of the season.

Accurate shooting and team play was more or less broken up by the roughness of the ice but there were nevertheless many brilliant plays and shots that filled the game with thrills from start to finish. For two periods the Engineers held the Farmers helpless, but in the final stanza the Aggies displaying a stiff front and, taking the aggressive for the first time kept the disk almost entirely down at the Technology end of the field.

Two Goals in Second Period

For seven minutes the two teams battled, with neither side displaying a very great advantage over the other. When the period was half over, Weissner broke through the forward line, to slip a long drive through the de-

fense and goal for the first tally. It was a perfectly placed shot and the goalie was almost helpless to stop it. No other score occurred in the first session, but the Cambridge outfit threatened several times. Early in the second period Berkeley broke through the forwards and secondary defense, and cleverly outwitted Galanie at the cage, although the latter sprawled in front of the net in a desperate effort to prevent a score. During the last few minutes of this period Freeman repeated Berkeley's performance and smashed through the final marker of the game.

M. A. C. Fails to Score

Palmer, who was sent in to relieve goal guard Galanie, proved himself to be very adept with the stick and had no trouble in turning aside the Engineer drives for the remainder of the afternoon. In the final frame, the Amherst team displayed unusual form, keeping the rubber at the opposite end of the rink almost all the time. The vital punch was lacking however and the home team was shut out.

Captain Moberg on the offense and Potter and Frese on the defense were the outstanding stars for M. A. C. For Technology, Berkeley and Weissner, in the forward positions, and Crandall on the defense, played excellent hockey. The victory was Technology's first of the year.

FRESHMAN TALK WILL BE GIVEN THURSDAY Professor Norton Will Lecture On "Choosing a Course"

"Choosing a Course" will be the topic of each of the next two freshman lectures. Professor C. L. Norton '93 will give the first of the two talks on Thursday at 4 o'clock in room 10-250.

Professor Norton is head of the Department of Physics and Director of the Research Laboratory of Industrial Physics. He will discuss the scientific courses at the Institute, Physics, Chemistry, Biology, Geology, and General Science.

He will tell of the work of these courses and the future which they open up to the student. Drawing on his experience as director of the Divi-

sion of Industrial Co-operation and Research he will describe the exact type of opportunities which are available to graduates of the Institute.

It will be pointed out at the lecture that there is a great field for research workers in the industries of today although "the number of men going into pure research must of necessity be less than the number of engineers. There need be only one pioneer to a whole army of travellers," said the professor.

Professor E. F. Miller '36 will deliver the other lecture, and his talk will center on the engineering courses. The purpose of having the professional courses discussed in but two lectures instead of a long series is to give all freshmen the chance to hear the courses discussed and to allow the men to attend the lectures without sacrifice of too many hours.

STANDARD WAVES FOR THE RADIO AMATEURS

(Continued from Page 1)
 Officers of the Radio Society expect that these tests will be of considerable importance to radio amateurs throughout the country as they were announced in the January issue of "QST" which is the national magazine of the American Radio Relay League.

The Radio Society has been assisted in offering this service through the use of standard wave apparatus belonging to the communications laboratory of the Institute. Each signal in the test will be adjusted to the exact frequency desired and then that frequency will be announced as sent so that an accuracy of 0.2 of 1% or better is expected.

SWIMMERS CONFIDENT OF SCUTTLE B. U.

(Continued from Page 1)
 Wednesday night and so drew the call over Brown.

Whitey Woods Ineligible
 There will be no 440 yard swim on the program, the 220 yard swim being substituted for this event. Captain Weis and Keay are the Technology entries for this distance and this race bids well to cause heart failure in the bleachers.

Stock in the Engineer diving squad took a drop at the announcement that Whitey Woods is ineligible. There are three other possibilities, Brown, Higgins, and Keay and two men will be picked from these to do the diving.

Ralph Johnson is expected to carry off the backstroke honors. He was clocked at 1 min. 24.1 sec. in the 100 yard distance Wednesday night, which is very good time. This was in a freak race between Ralph and Paul Johnson, Paul swimming breast stroke. Against fast backstroke competition Ralph should do better than this. Bridges defeated Lane in a trial Wednesday night and so earned the right to be the second swimmer in the backstroke. His time was 1 min. 25 sec.

Grover will take care of the 100 yard dash in fine style. He is almost unbeatable in this event and B. U. will have to have an exceedingly speedy swimmer to beat him. Brown will likely be mated with him.

Puschin and Paul Johnson are both fast men in the breast stroke and they will take the water for the Cardinal and Gray tomorrow night.

There are six men who are eligible to swim on the relay team, Kelsey, Brown, Grover, R. Johnson, Walworth, and Barlow. The four who will be picked will depend on what the score is at the time. Coach Deane says that if the relay points are not needed to win the meet, he will race the four slowest men.

FACULTY RESERVE OFFICERS TO MEET

Major C. H. Bandholtz of the Military Science Department will discuss "Recent Developments of the Machine Gun" at a meeting of the members of the M. I. T. Chapter, No. 9, of Reserve Officers, to be held next Wednesday evening, January 13, in the Faculty Room Walker. This is the annual meeting at which officers are elected and other business is conducted.

This organization is composed of the Institute professors and instructors who are reserve officers in the U. S. Army or Navy. There are a total of thirty members.

MINING SOCIETY HEARS GOODALE

Apex Mining Law Subject of Discussion Last Night In Walker

G. W. Goodale '75, mining and consulting engineer, was the speaker at the meeting of the Mining Engineering Society of Technology last night in the West Lounge of Walker. W. H. Callahan '26, president of the Society was in charge of the gathering.

Mining laws and the efforts to enforce them and the difficulty of getting court decisions, particularly in the Western states, was the subject discussed. Mr. Goodale was the manager of a large mine in Montana during the period between 1900 and 1909. He said the large corporations were constantly harassed by small enterprisers who purchased small parcels of land, and from these vantage points took advantage of the "Apex Mining Law" and stole millions worth of ore. The law states that the discoverer of a vein has the full rights to it though it may run under the land owned by others. The law originated in California, where the veins have a very sharp dip.

In the Montana district, however, the veins have slight dip and the slips and criss-crossing cause a great deal of difficulty in the exact determination of ownership. Large corporations often resorted to actual warfare and anything from pick-handles to dynamite were used, to prove the ownership, stated Mr. Goodale. After a time the great firms saw that their warlike methods cost too much and they resorted to the courts. While awaiting for decisions, individuals frequently purchased land close to the land in dispute and took great quantities of the valuable ore away by right of the Apex law.

Mr. Goodale told a number of stories of his work in the Western states and of the old methods used in mining and the way that business and labor

TECH MEN RECEIVE MENTION FOR WORK

The fourth meeting of the conjunctive jury from the Boston Architectural Club, Harvard and Technology, was held at Rogers last week for the purpose of judging the two best sketch problems. The jury consisted of Mr. Larsen, chairman, Mr. Clapp and Mr. Perry from the B. A. C., Professors Haffner and Humphreys from Harvard, and Professor Carlu and Mr. Gunther from Technology. In the sketch problem, "A Pedestal for An Equestrian Statue," L. N. Zaitzevsky '26 of Technology was awarded "First Mention." In the three-week problem entitled "A Memorial Monument," the following received "First Mention Placed": R. C. Dean '26, L. Pirola '26, and L. N. Zaitzevsky '26 of Technology and Stone of Harvard.

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MILLER DRUG CO.

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

SELECTED GRADES
 Anthracite and Bituminous
COAL
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BEACH 8130
 and remember
FOR GOOD FOOD
The Palace
 IS SUPREME
 In the heart of the theatrical district
Tremont and Stuart
BOSTON

Notices and Announcements

OFFICIAL FRESHMEN
 Substituting boxing for Physical Training, sign up in Mr. McCarthy's office today.

UNDERGRADUATE DORM DANCE
 There will be an informal Dorm Dance in the main hall, Walker, tonight from 8 to 12.

CHEMICAL SOCIETY
 There will be a meeting of the officers of the Chemical Society in room 3-312, tonight at 5 o'clock.

T. C. A. PLEDGES
 Men not having redeemed their T. C. A. Drive pledges are requested to do so at once in room 7, Walker.

CREW DINNER
 The Technology Boat Club will hold an open dinner for upper class crew men at 6 P. M. Tuesday in Walker Memorial.

VARSITY BASKETBALL
 The following men will meet in Walker at 6:15 Saturday, January 9, for the Lowell game: Forrester, Hinck, Meyer, Biehle, Estes, Innera, sky, Mock, Steavens, Gerst.

FRESHMEN BASKETBALL
 The following men will meet in Hangar at 4:10 P. M. Friday to go on Salem trip: Allen, Brockelman, Conti, Dame, Johnson, McClintock, Seron, Faudree.

TRACK MEET TICKETS
 All those wishing tickets for the B. A. A. Indoor Track Meet, February 6, should apply to the track management at the Track House.

TECH SHOW CAST
 Rehearsal, Thursday at 4:00, and Saturday at 3:30, both in North Hall, Walker.

TECH SHOW CHORUS
 Rehearsal, Saturday at 1:30, in North Hall, Walker.

FRESHMAN RIFLE TEAM
 Matches are scheduled each week for the rest of the season. All members of the team are urged to be present both Monday and Tuesday of each week. Next week's match is against Worcester Tech.

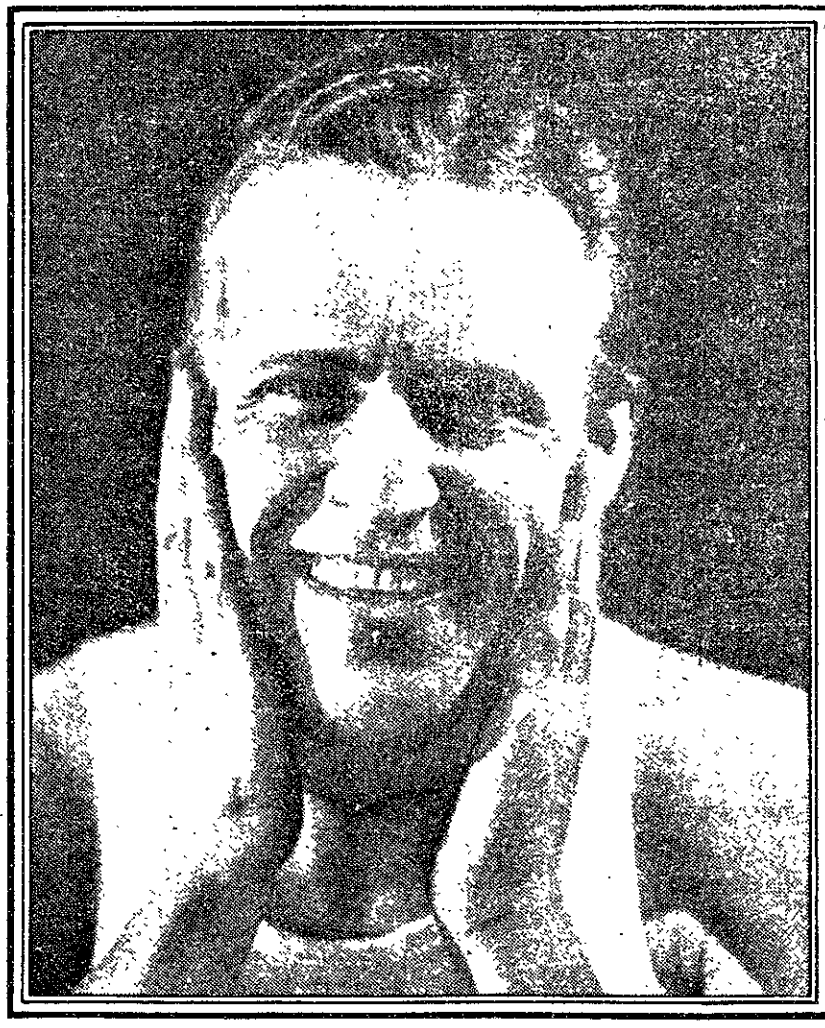
B. A. A. GAMES
 Through the courtesy of Mr. Albert Geiger, M. I. T. '95, a section has been reserved for Tech men and tickets can be obtained from Major F. H. Briggs, 10 High Street, Boston. The price is \$4.40 each. Applications should be made preferably by mail, with remittance, not later than February 2nd.

CROSS COUNTRY
 Pictures of the Varsity and Freshmen Cross Country teams will be taken at Notman's Studio, Harvard Square, on Tuesday, Jan. 12, at 8:30 A. M. The following men will report with track uniforms; Varsity: Rooney, Hooper, Akereley, Chute, Rick, Kirwin, H. B. Smith, and Ostborg. Freshmen: McClintock, Worthen, Burgess, Hallahan, Payson, Walters, Horwitz, and Sullivan.

GATHER YE ALL TO
Beacon Rathskeller
 792 BEACON STREET
 SPECIAL LUNCHEONS and BLUE PLATE DINNERS
 Cozy Booths—Excellent Cuisine Dancing

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 Student Representative
 R. W. DENNIS '26
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SIMPLEX
 Simplex Wires and Cables, insulated with rubber, paper or varnished cambric and covered with braid, lead or steel armor, are rendering satisfactory service in many of the larger power stations of the country.
SIMPLEX WIRE & CABLE CO
 Manufacturers
 201 DEVONSHIRE ST. BOSTON



After shaving—sure, positive all-day face comfort

TALCS dry the skin. Williams Aqua Velva is a liquid preparation for after-shaving use which conserves the skin's natural moisture. Wind and weather cannot hurt the face protected by it. By the makers of Williams Shaving Cream. Big 5-ounce bottle 50c, at all dealers'.

FOR BETTER SHAVING—WILLIAMS

The Massachusetts Institute of Technology
 Cambridge, Massachusetts

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers Courses, each of four years' duration, in Civil, Mechanical and Electrical Engineering; Naval Architecture and Marine Engineering; Mining Engineering and Metallurgy and Geology; Architecture and Architectural Engineering; Chemistry, Chemical Engineering and Electrochemical Engineering; Biology and Public Health and Sanitary and Municipal Engineering; Mathematics, Physics, General Science and General Engineering; and in Engineering Administration. These courses lead to the degree of Bachelor of Science.

To be admitted to the first year class, applicants must have attained the age of seventeen years, and must satisfactorily fulfill entrance requirements in Algebra, Plane and Solid Geometry, Trigonometry, Physics, Chemistry, English, History and French or German and two units of elective subjects. Examinations are required in all subjects except Chemistry, History and the electives, the requirements for which are fulfilled by the presentation of satisfactory certificates. A division of these entrance subjects between different examination periods is permitted.

Entrance examinations are held at the Institute in September. In June, applicants will be examined by the College Entrance Examination Board in Boston, New York, Philadelphia, Chicago and many other cities in America and Europe. A circular stating times and places is issued in advance by the College Board.

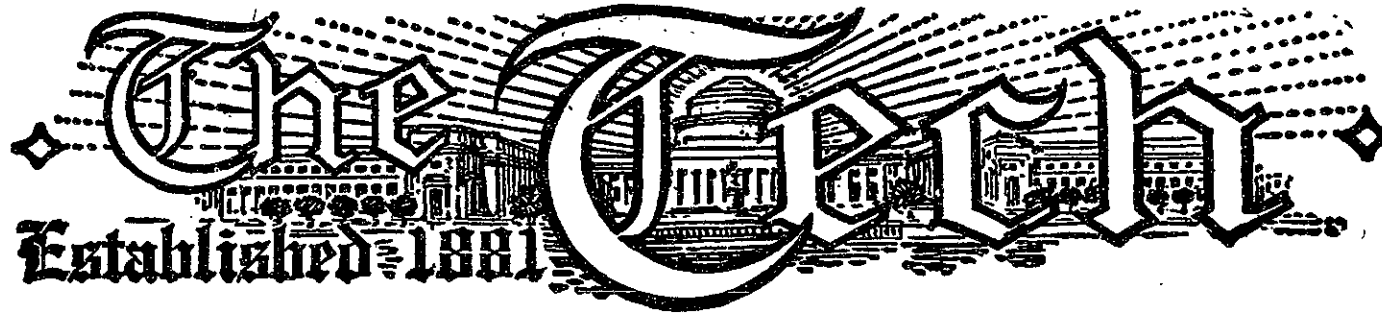
Graduates of colleges and scientific schools of collegiate grade, and in general all applicants presenting satisfactory certificates showing work done at another college corresponding to at least one year's work at the Institute, are admitted, without examination, to such advanced standing as is warranted by their previous training.

Graduate courses leading to the degrees of Master of Science, Master in Architecture, Doctor of Philosophy, Doctor of Science and Doctor of Public Health are also offered. Special Research Laboratories of Physical Chemistry, Organic Chemistry, Organic Chemistry, Applied Chemistry and Science have been established.

Correspondence should be addressed to the Institute of Technology.

PUBLICATIONS
 Catalogue; Bulletins of General Information, Summer Session, and Graduate Study and Research; and the Report of the President and Treasurer.
 Any of the above named publications will be mailed free on application.

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 Cambridge 39, Massachusetts



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Forty Alumni dinners will be held simultaneously in cities throughout the United States on the evening of January 19, and at each of these affairs will be heard the speeches and entertainment features broadcasted from the four main cities. The stations that will broadcast the whole program are WBZ, Boston and Springfield; (Continued on Page 4)

TICKET SALE BEGINS FOR CLUBS' CONCERT

Tickets for the undergraduate concert of the Musical Clubs, which is to be held on the night of the All Technology Phantom Dinner in Walker Memorial, will be on sale today and all week from 12 to 2 in the main lobby. The price is fifty cents.

In addition to the program, which will be the same as that presented at the Christmas Concert, Technology songs will be sung by the audience. Light refreshments will be served, the charge being included in the admission price.

VOO DOO TO APPEAR ON SALE TOMORROW

Voo Doo will appear on the stands tomorrow morning with the "After Christmas Number." This issue will include "The New Year's Ball" and a feature article promised as a surprise.

Posters are to be distributed this morning advertising this issue and describing in more detail the feature article. As they wish the feature to be a complete surprise the Management of Voo Doo would not divulge the nature of its subject.

CALENDAR

- Tuesday January 12
- 5:00—Christian Science Society meeting, room 4-132.
- 5:00—Outing Club meeting, Faculty Dining room, Walker.
- 6:00—Tech Boat Club crew dinner, Walker Grill Room.
- Wednesday, January 13
- 8:00—Chemical Society Smoker, North Hall, Walker.
- 8:00—Reserve Officers meeting, Faculty Room, Walker.
- Friday, January 15
- 6:30—Faculty Club Dinner, Faculty Dining Room.
- 8:00—Faculty Club Dance, Main Hall, Walker.
- 8:00—Tech Boat Club Dance, Faculty Room and North Hall, Walker.
- Saturday, January 16
- 12:00—Tech Women's Club luncheon meeting, North Hall, Walker.

Hockey Team Gets First Victory of Season By 3-0 Win Over Aggies

Rough Ice Prevents Accurate Shooting and Hinders Good Teamwork

Technology's puckchasing sextet decisively trounced Massachusetts Agricultural College by a 3-0 score on the latter's home rink Saturday afternoon. In spite of the stormy weather, a large number turned out to see the home team play its first game of the season.

Accurate shooting and team play was more or less broken up by the roughness of the ice but there were nevertheless many brilliant plays and shots that filled the game with thrills from start to finish. For two periods the Engineers held the Farmers helpless, but in the final stanza the Aggies displaying a stiff front and, taking the aggressive for the first time kept the disk almost entirely down at the Technology end of the field.

Two Goals in Second Period

For seven minutes the two teams battled, with neither side displaying a very great advantage over the other. When the period was half over, Weisser broke through the forward line, to slip a long drive through the de-

fense and goal for the first tally. It was a perfectly placed shot and the goalie was almost helpless to stop it. No other score occurred in the first session, but the Cambridge outfit threatened several times. Early in the second period Berkeley broke through the forwards and secondary defense, and cleverly outwitted Galanie at the cage, although the latter sprawled in front of the net in a desperate effort to prevent a score. During the last few minutes of this period Freeman repeated Berkeley's performance and smashed through the final marker of the game.

M. A. C. Fails to Score

Palmer, who was sent in to relieve goal guard Galanie, proved himself to be very adept with the stick and had no trouble in turning aside the Engineer drives for the remainder of the afternoon. In the final frame, the Amherst team displayed unusual form, keeping the rubber at the opposite end of the rink almost all the time. The vital punch was lacking however and the home team was shut out.

Captain Moberg on the offense and Potter and Frese on the defense were the outstanding stars for M. A. C. For Technology, Berkeley and Weisser, in the forward positions, and Crandall on the defense, played excellent hockey. The victory was Technology's first of the year.

FRESHMAN TALK WILL BE GIVEN THURSDAY Professor Norton Will Lecture On "Choosing a Course"

"Choosing a Course" will be the topic of each of the next two freshman lectures. Professor C. L. Norton '93 will give the first of the two talks on Thursday at 4 o'clock in room 10-250.

Professor Norton is head of the Department of Physics and Director of the Research Laboratory of Industrial Physics. He will discuss the scientific courses at the Institute, Physics, Chemistry, Biology, Geology, and General Science.

He will tell of the work of these courses and the future which they open up to the student. Drawing on his experience as director of the Divi-

sion of Industrial Co-operation and Research he will describe the exact type of opportunities which are available to graduates of the Institute.

It will be pointed out at the lecture that there is a great field for research workers in the industries of today although "the number of men going into pure research must of necessity be less than the number of engineers. There need be only one pioneer to a whole army of travellers," said the professor.

Professor E. F. Miller '36 will deliver the other lecture, and his talk will center on the engineering courses. The purpose of having the professional courses discussed in but two lectures instead of a long series is to give all freshmen the chance to hear the courses discussed and to allow the men to attend the lectures without sacrifice of too many hours.

A Record of for 44 Years Continuous News Service



Official News Organ of the Undergraduates of Technology

Table with columns: MANAGING BOARD, OFFICES OF THE TECH

In charge of this issue THE MANAGING BOARD!

VOO DOO TRIES A PUBLICITY STUNT

THE Voo Doo appearing tomorrow contains an editorial diatribe against this publication and an attempted burlesque.

Pointly, their complaint is only this: an expression of the soured-headedness of the Voo Doo tribe, an explosion of pent-up bile based upon morbidly imagined prejudice and chauvinistic spirit in respect to several organizations which we refrain from mentioning.

The Facts About THE TECH

The allotment of space in the columns of THE TECH for this volume to date is as follows:

Table with columns: Front Page, Other Pages, Total. Rows include Musical Clubs, Tech Show, Technique, T. E. N., VOO DOO, Athletics, Lectures, etc.

Voo Doo with obvious care chose sixteen issues wherein they received the least publicity. That their statistics mean nothing is evident from a comparison of the above with theirs.

The statement that we have been partisan in the allotment of news is a lie. The Managing Board went to members of its staff who were totally unaware of this controversy and asked them whether they had observed any preference given to any activity.

In editorial after editorial we have continually stated our policy of boosting undergraduate affairs. At the beginning of this year we stated our purpose to this effect. We have very definitely attempted to point our news in this direction.

So to the suggestions made by Voo Doo we shall not pay the slightest attention. They are based on prejudice, bias, guile, and mis-information.

CONCERNING "OUR OFFICIAL UNDERGRADUATE NEWS ORGAN" It is a loathsome thing to criticize for the sake of criticism, or to use this as an outlet for one's emotions.

Organizations and individuals have been devoting considerable time to the development of our sadly lacking Tech spirit. The cooperation that these worthies have received from The Tech has been comparatively negligible.

We are centering our attention upon the first page of The Tech because (1) this space carries the most weight with its readers, (2) it is what most readers concentrate upon, (3) it is practically all that a hurried reader takes note of, (4) and because it contains nearly all of the little space allotted to activities.

Table with columns: Subject, No. Insertions on Front Page, No. Inches on Front Page, Average Front Page Space per Issue. Rows include Musical Clubs, Athletics, T. E. N., etc.

The above statistics show that, exclusive of Aldred Lectures, 272.5 inches of space were devoted to lectures and addresses, while athletics and activities received only 234.75 inches.

It is obvious that activities have received insufficient publicity from The Tech; moreover, space has been accorded them on a deplorably partisan basis. We do not deny the fact that the Musical Club has fared so well—we congratulate them upon it!

The publicity received by other activities has been not only inadequate, but inaccurate. Their submitted articles often are rewritten to the point of submerging or mis-stating their desired subject content.

We cite as a minor example of partisanship, what practically amounted to a recent insult to ourselves. On December 9 a communication appeared headed "Musical Club versus Voo Doo"—placing it in the light of a challenge.

The editorial policies of The Tech, moreover, have met with considerable disapproval in undergraduate circles. As the "Official News Organ of Technology," The Tech's editorials should reflect undergraduate opinion in such matters, at least, which are of current controversy (i.e., Rushing Rules).

A burlesque of The Tech appears in the subsequent pages of this issue. We have used this to illustrate, in exaggerated form, the points of our editorial, and trust that its contents will not be taken too seriously.

- In concluding, we wish to present the following suggestions to the Managing Board of The Tech: 1. That the most important news be placed in the "feature" positions of the issue.

We are honestly sorry to have been called upon to so severely criticize an Institute activity. Phosphorous strongly feels that, friendly rivalry and "ragging" aside, the activities should have an honest desire to cooperate with and help one another.



The Lounger never realized what an inspiration he was to his fellows. At least that is the only explanation he can offer for the fact that all the tables in the main library, that group of three or four pests who cannot study together without a lot of loud talking and joking, always come to the table at which he happens to be.

The poets who sing of Beautiful New England, never tasted any of it crossing Harvard Bridge on a windy day.

The Lounger notes with interest that the officials of a certain university in New York have declared themselves in favor of students falling in love while they are still undergraduates.

What will woman's charm be able to do next? Now all that is needed to make the plan a complete success, is for some scientist to classify the different types of girls. For instance, tall thin blondes might give inspiration in Applied—that subject being

Play Directory

- CASTLE SQUARE: "Able's Irish Rose." The wisacre said that it couldn't last—but it has. COLONIAL: "Stella Dallas."—A movie from the drama made famous by Mrs. Leslie Carter.

long and drawn out; or short, plump brunettes in Triple E. Perhaps big blue eyes might put a man in enough of a haze to pass a final in chemistry, or brown eyes cause one to sleep peacefully through a physics lecture.

Seniors will please form in line behind the Lounger to apply for this topic as a thesis.

Intercollegiates

At a school near Bowdoin the students were asked to spell Bowdoin in one of their essays. There were over a hundred incorrect variations varying from "Beauden" and "Boiden" to "Bodon."

At George Washington University some scientists after experiments on the students declared that our nightly sleep is probably caused by intoxication. It is the result of storing up poisons in the system during wakeful hours which are destroyed by sleep in the same way that the drunkard becomes detoxicated during drunken sleep.

HERRICK COPLEYS SQUARE

At a week of undergraduate discussion, Yale voted overwhelmingly to abolish the compulsory feature of chapel. Two days of balloting resulted in a vote of 1681 for, 241 against. By a three to one majority the Faculty also expressed its disapproval of the institution.

football team by burning down an unoccupied fraternity house which was to have been torn down in the near future. By a prearranged plan, about a thousand students gathered and fired the house, celebrating with a series of wild-cat yells.

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SWIMMING TEAM SINKS TERRIERS

Basketball Quintet Swamps Lowell Textile Saturday Night — 48-26

PUSCHIN BREAKS RECORD IN BREAST STROKE EVENT

Engineers Capture Five Out of Seven Firsts As They Win First Meet Since 1923— New Scoring Tried

Taking five first places out of a possible seven and lowering one Institute record by 3 seconds, the Engineer swimming team got off to a good start for the 1926 season by sinking the Boston University Terriers Saturday night, 38 to 24.

Albert Puschin proved the star of the meet by breaking by the Technology record in the 100 yard breast stroke by a margin of 2 3-5 seconds for a new mark of 1.20 2-5. The old record was 1.23. "Tubby" Grover shared the honors with Puschin by finishing first in two events.

In winning this meet the natators broke their losing streak of two years, and the jinx which has clung tenaciously to the water activities for so long a time is no more.

Grover Captures 50-Yd. Dash

An innovation in scoring the dives was exhibited for the first time in New England Saturday night and proved highly satisfactory and interesting from the standpoint of both the spectator and the diver. The three judges held large cards with the various scoring numbers boldly printed them. After each dive the judges held up the card bearing the score at which they rated the dive and the average of the three was taken as the score of the dive. The scores were plainly visible to the entire audience and the usual mystery shrouding the diving scores was eliminated, much to the delight of the spectators.

Grover was never headed in the 50 yard dash and won easily. Ralph Johnson was the winner of a close battle for second place in this event, Beckwith of B. U. pushing him all the way.

Terriers First in Dives
Captain Weis led the field in the 220 yard swim. He stayed in front

from the start and finished in a fine spurt to beat Rockwell of B. U. who took second. Keay stayed with Weis for half the distance but could not keep up the pace and was finally nosed out of third place by Clark of B. U.

Wray was the only Terrier entry in the dives but he was easily the more finished diver and took first place over Brown and Higgins of Technology. The new method of scoring created much interest in this event and every spectator became a judge by trying to guess the ratings that the officials would attach to the dive.

Engineer Place Two in 100

Ralph Johnson came within a second of equalling his record in the 100 yard backstroke to carry off first place in this event. Withers of B. U. touched the end of the tank shortly after Johnson and Spaulding, another Terrier, took third. "Soap" Bridges started off with a terrific pace but could not keep it up and dropped behind on the last lap to trail the others.

Grover and Kelsey finished one-two in the 100 yard dash. Grover was clearly leading and did not have to extend himself to win. He has done better than 1 min. 1-5 sec. this year and he was saving himself Saturday night for a time when he would need his reserve. Kelsey put up a fine race to take second place over Rockwell.

Second Relay Team Swims

Puschin gratified the predictions of those who have followed his work this year by lopping nearly three seconds off the 100 yard breast stroke record. Paul Johnson was only about a yard behind him and undoubtedly also shattered the old mark.

With the relay left, the score stood 38 to 16 in favor of the Beavers and Coach Russ Deane gave the second relay team a chance to enter competition. Brown and Barlow were the first two swimmers and held their own with the Terriers but Rae was beaten by Rockwell and Walworth, although cutting down the lead quite a bit, was unable to overcome the entire distance lost by Rae and the race went to the Terriers.

The Summary

50 yard dash—Won by Grover (M.I.T.); second, R. Johnson (M. I. T.); third, Beckwith (B. U.). Time—25 3-10 sec.
100 yard swim—Won by Capt. Weis (M. I. T.); second, Rockwell (B. U.); third, Clark (B. U.). Time—2 min. 49 4-5 sec.
Diving—Won by Wray (B. U.); second, Brown (M. I. T.); third, Higgins (M. I. T.).
100 yard backstroke—Won by R. Johnson (M. I. T.); second, Withers (B. U.); third, Spaulding (B. U.). Time—1 min. 24 sec.
100 yard dash—Won by Grover (M.I. T.); second, Kelsey (M. I. T.); third, Rockwell (B. U.). Time—1 min. 1-5 sec.
100 yard breast stroke—Won by Puschin (M. I. T.); second, P. Johnson (M. I. T.); third, Beckwith (B. U.). Time—1 min. 20 2-5 sec.
(New Technology record).
Relay—Won by B.U. (Beckwith, Clark, Rockwell, Smith).

FROSH MERMEN ARE SUNK BY MALDEN 49-13

Turner Only Engineer to Win First Place in Meet

Winning in but one event, the Freshman swimming team was swamped by the Malden High School natators Saturday night in the latter's pool 49 to 13. Turner was the only Engineer to take a first place, the Malden school boys outshining the Beavers in all events except the plunge.

Ellsworth swam second to Baker of Malden and furnished the only second place for Technology. Baker proved the outstanding luminary of the evening, winning two events and swimming on the winning relay team. He lowered his 100 yard dash record set up Wednesday evening against English High by 2-5 of a second. Tufts tied for second in the breast stroke and Lamb took third in both

Frosh Wrestlers Tie Northeastern At 15 Points Each

Every Bout Decided by a Fall—No Draws or Decisions By Referee

In an exciting meet, the Technology and Northeastern freshman wrestlers battled to a 15 to 15 draw Saturday afternoon in the hangar gym. An unusual feature of the contest was that all the bouts were won by falls. In spite of this fact, the bouts were all interesting and some of them were very close.

In the first contest, Glen of Tech met Bellotti of Northeastern in the 158-pound class. Bellotti gained the upper hand at first, but as soon as Glen got warmed up he showed his real ability and won by a fall in 3 minutes 50 seconds. Bass of Northeastern secured a good hold on Ross of M. I. T. in the 115-pound class almost immediately. Ross's shoulders were almost on the mat time and again, but by remarkable efforts he managed to stave off his opponent. The Northeastern man retained his hold, however, and evened up the score by winning by a fall.

Ramsey Wins Hard Bout

DerMarderosian put Technology back into the lead when he threw Batchelder. This was the fastest bout of all. Both men showed great speed in applying holds, but DerMarderosian always held the upper hand. With a little more experience he should develop greatly. The lead of Technology was short lived, for Foster of Northeastern threw Dickenson with a combination of half nelson and crotch hold.

In Ramsey another fine prospect for the team was revealed. Wrestling, Dahl of Northeastern, in the longest and hardest bout of the meet, Ramsey finally pinned his shoulders to the mat. At one time, so strenuous did the contest become that the men crashed into a bench at the edge of the ring. After a short rest the men resumed their battle and Ramsey conclusively proved his superiority.

The Technology freshmen were now ahead of 15 to 10 with one bout to go. For her entrant, Northeastern had Pease, a man who wrestles for the Varsity, and who defeated the Technology 175-pound man when the teams met recently. Giardino the frosh wrestler put up a stiff fight for a while but Pease was too good and won by a fall in 1 minute and 10 seconds, the shortest bout of the meet. This gave Northeastern five points, so the meet ended in a tie. The summary:

SALEM HIGH QUINTET DEFEATS YEARLINGS

Frosh Succumb to Schoolboys Attack in Last Half

After being outscored 20-4 in the first half of the game with Salem High on Friday evening, the Tech freshmen came back strong in the last half of the game to outplay their opponents, getting 13 points while the Witch City boys could garner no more than 11 counters, but Capt. Brockelman's charges were unable to overcome the long lead which the Salem men had. Had Bernie Morgan's proteges found themselves at the start of the game and played throughout the melee the brand of basketball which featured their playing during the second half, a much busier evening would have been furnished the Salemites.

For Salem, Donovan was high scorer dropping 6 floor goals through the iron ring for a total of 12 points, while McClintock rung up the highest score for the Engineers. Capt. Brockelman and McClintock were the outstanding players for the Tech team.

the dives and the 200 yard swim. Mark finished third in the 100 yard dash.

The Cardinal and Gray swimmers did not come up to expectations inasmuch as Luey and Walsh were unable to compete.

The summary:
40 yards—Won by Baker (M); second, Ellsworth (T); third, Beals (M). Time—19 4-5 sec.
200 yards—Won by Capt. Hardy (M); second, Appleton (M); third, Lamb (T). Time—2 min. 38 sec.
100 yards, breast stroke—Won by Appleton (M); second, tie, Beals (M) and Tufts (T). Time—1 min. 30 1-5 sec.
100 yards—Won by Baker (M); second, Carroll (M); third, Mark (T). Time—20 2-5 sec. New record.
Plunge—Won by Turner (T), 47 ft.; second, Hardy (M), 43 ft.; third, Carroll (M), 37 1-2 ft.
Diving—Won by Pease (M); second, Daniels (M); third, Lamb (T).
Relay—Won by Malden (Hardy, Appleton, Beals, Baker). Time—1 min. 35 sec.

Forrester High Scorer As Beavers Run Wild Against Lowell Textile

In the Hangar gym, Saturday, the Cardinal and Gray basketeers soundly trounced the visiting aggregation from Lowell Textile by an overwhelming score of 48-26.

It was a cleanly contested affair from start to finish, and although the play was a bit slow at times the small crowd present was repaid by the accuracy in which the Technology five cast from the floor. Captain Forrester was easily the outstanding player in the nights play. If Bill ever had a banner day this was certainly it, for the curly headed captain counted no less than twelve times from the floor and on four occasions from the foul line for a grand total of 28 points. On the defense, Hinck and Myers were in there consistently breaking up opposing plays almost before they get underway. At the pivot position Jud Biehle outjumped McKay, the Red and Black tip off man, and held him scoreless. Incidentally Jud counted twice from the floor. Throughout the tussle, the Engineers displayed a splendid brand of passwork which provided one of the features of the game.

Biehle Gets Jump

After the first few minutes of play Technology ran up a total of 11 points before the visitors could break the ice. After this, Lowell had to resort to long distance shots to increase their score. For the visitors, the all around playing of Captain Kenney featured.

Biehle got the jump at the start of the game and it was only a matter of seconds before Forrester scored from quarter court. Soon after Hinck made the prettiest shot seen in the Hangar so far this season. It was a one handed overhead toss of a few feet. McKay fouled Biehle, who missed the free throw but followed it up to register a two pointer. Hinck and Forrester threw in two nice shots in rapid succession. Smith broke the goose egg for Lowell when he tallied in front of the basket. Burke and Coffey helped the Lowell cause by inserting at basket each to bring the score up to 14-5. Kenney scored for Lowell on a nice dribble in to the basket.

Lowell Changes Lineup

Innerasky missed the network on a pass from Forrester but the latter followed it up for a score. Meyer fouled Kinney who registered from the 17 foot mark. Lowell came right back when Burke dribbled in to score from under the basket and Kinney followed right after with a pretty shot from side court.

Forrester came right back and scored another two pointer on a pass from Innerasky. Lowell inserted Bresman at guard and shifted Coffey to center in order to try to stem the Technology attack but were unable to stop Biehle and Forrester from scoring before the whistle blew for the first half. The score at the end of the first half was 29-14 in favor of the Cardinal and Gray.

Meet Harvard Tuesday


At the beginning of the second half Lowell presented a different team and launched an attack which brought them within striking distance of the Engineers. Smith and Coffey of the Red and Black brought the score up to 33-22. The Engineers now recovered their stride which they set in the first half when Mock tallied from side court. Captain Forrester kept up his good work which he displayed in the first half and Estes and Myers also broke into the scoring column.

M. I. T. LOWELL TEXTILE
Forrester, lg rg, Kenney
Estes (Innerasky), rf lg, Goldenberg, (Smith)
Biehle, c c, McKay
Meyer (Mock), lg lf, Burke
Hinck, rg
If, Coffey (Higgins, Logan)
Score—M. I. T. 48, Lowell Textile 26.
Goals from floor—Forrester 12, Estes 2,
Biehle 2, Hinck 2, Meyer, Innerasky,
Mock, Kenney 5, Burke 4, Coffey 2. Goals
on free tries—Forrester 4, Biehle, Innerasky,
Burke 4. Referee—James Parker. Timer—Hamilton. Time—20 min. halves.

Tomorrow night the Technology Boat Club will hold an open dinner in the Grill Room of Walker Memorial at 6 o'clock. All upperclass crew candidates are welcome and they are encouraged to come out. Those attending will procure their food in the cafeteria as is regularly done, and then they will go to the Grill Room where dinner will be held.

The purpose of this get-together is to encourage pre-seasonal spirit so that the crew will be able to make an early start as soon as the weather permits this spring. Coach Bill Haines will be present at the dinner and will give a short talk to the men.

Trippers of the light fantastic toe who forsake the basketball games on Saturday evening for an opportunity to display their prowess on the waxed floor will no longer be able to offer this excuse for failure to attend the games. Next Saturday evening after the Rhode Island game, there will be a dance held in the hangar gym until 12 o'clock.



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New Child Health Education Is Being Introduced Extensively Into Schools

"A child cannot know how to keep healthy by memorizing the number of vertebrae in his backbone," according to Prof. C. E. Turner of the Department of Biology and Public Health. He adds, "the old-fashioned abstract study of physiology, which set before the child a mass of statistics, and which in part inculcated a dread of all microscopic life, is being superseded by a new child health education program in the public schools."

The child is not warned not to do certain things which are unhealthful, but is made to actually want to do the right things by use of the principle of group psychology, aided in part by motion pictures. To this end, Prof. Turner is conducting a one-year course in health education here at the Institute every Thursday evening, particularly for those who are intimately associated with children in the schools, such as teachers and school nurses.

Last Thursday's lecture was especially interesting, as the use of motion pictures in health work was discussed and illustrated at that time. The plot of the movie to be used is one of growth, as this, to a child, is the best concrete symbol of health. Farms are shown in cultivation and plants in growth. During this instruction the child is shown that all plants are not poisonous just because some poison ivy may be present. Then continuing along this same line of reasoning, it is shown that all microscopic life is not harmful just because disease germs are invisible to the naked eye. The breeding of fear in the child's mind is carefully avoided, and he is shown how to keep away from disease germs in the same way he keeps away from poison ivy.

Who Ate Billy Beet?

To induce the children to eat the proper vegetables to give a well-balanced diet, a novel scheme is used, which plays upon the mob psychology of the class. Billy Beet, Johnny Carrot and others of the vegetable family are introduced to the class, and then some morning the teacher may ask, "Who ate Billy Beet yesterday?" whereupon a show of hands results. The ones who didn't eat Billy feel out of things and consequently go home and ask for the very foods they ought to have. Thus psychology brings results very quickly, whereas the old abstract physiology would most likely have no effect.

Malden is the pioneer in extensive child health education, under the guidance of Prof. Turner, who is the leader in this sort of work. The project began about five years ago, and now the system has become highly developed. Meanwhile students in the one year health education course at Technology and in the summer courses have taken positions in the development and supervision of health education programs until there are already more than 100,000 children in the United States who are being trained in health under their direction or supervision.

EASTMAN ON PROGRAM OF PHANTOM DINNER

Donor to Make First Appearance Before Alumni
(Continued from Page 1)

WGY, Schenectady; WJZ, New York, and WRC, Washington. If the experiments that are now being made for rebroadcasting on high wave lengths prove practicable, KDKA, Pittsburgh; KFKX, Hastings, Nebraska; KOA, Denver; and KGO Oakland, California, will also send out the program.

Speakers of national prominence will give five to ten minutes talk on subjects in which the public is interested and will not give the usual college dinner address that is of interest only to the Alumni. In addition to the speeches there will be entertainment features from 9:30 o'clock to midnight.

In Boston the program consisting of an address by Dr. Stratton, a concert by the Combined Musical Clubs, and a Tech Show specialty act, will be broadcast directly from Walker Memorial, where students and local Alumni may hear the program directly, including the other parts of the Phantom Dinner, which will be received through amplifiers.

SIX MEN NEEDED FOR TEACHING IN JAIL

There are, at present, opportunities for six men to teach in the Middlesex County jail. This work is carried on under the supervision of Edward Hartshorne '28, director of the Industrial Service Department of the T. C. A. Vacancies in the teaching schedule exist every week day afternoon except Saturday from 3 to 4 o'clock.

Arrangements will be made so that new men can accompany experienced men for the first few times, so that they can get an idea of the purpose of the work. The regular number of men participating in this work is thirteen. They teach English and Mathematics to the prisoners.

METALLURGISTS WILL SEE WALWORTH PLANT

Students taking 3.43 or 3.431, Metallurgy of Iron and Steel, will attend the metallurgical trip tomorrow afternoon to the plant of the Walworth Manufacturing Corporation, City Point, South Boston. This is the fourth plant visit of the year for these courses held under the direction of Professor G. B. Waterhouse.

To reach the plant, which is on First Street, go to South Station and take a surface car to City Point. To reach the plant by 1:55 o'clock, it will be necessary to leave Kendall Square at 1:20.

SOPHOMORES PLAN A DANCE IN FEBRUARY

Plans for holding the annual Sophomore dance some time in the latter part of February are being considered and, according to H. B. Dean, president of the class, will probably be accepted. No definite plans have yet been made but further announcement will be made later. There is some discussion of having the event this year more strictly a class affair due to the limited capacity of Walker Memorial.

EMPHASIZE NEED OF DORMITORIES

Dr. Herty Expects Production Of Synthetic Rubber in Near Future
(Continued from Page 2)

now becoming apparent that entrance examinations alone are not the right standard for admitting students to the Institute; the character and tastes of the applicants should be considered as well." He then asked the help of the Alumni in this matter, and said he hoped that in a short time the Alumni would be agents of the Institute in this respect.

The remainder of Dr. Stratton's talk was devoted to a discussion of the financial affairs of the school. He went over the list of donations made during the year, including that made by the Thompson-Starr Company, which has established a fund of \$10,000 per year for the new course in Building Construction. He also stated that it had been possible last year to raise the salaries of the head professors from \$6000 to \$7500 per year.

Dr. Herty spoke next, telling of a few recent advances in synthetic

chemistry. He said that not only had an organic chemical been developed which has all the properties of mercury, but that in the near future we are going to see the economical synthesis of rubber from petroleum.

Dwight W. Morrow, who was recently chairman of President Cool-

idge's aircraft investigation board, spoke on aviation in peace times. "One of the outstanding things being done in the world today in the line of aviation is the running of the night mail planes. We should do all in our power to extend civil aviation in this country."

Loose Leaf Exhibit

Through January we are showing the largest variety of loose leaf forms in Boston. Special forms for every business, professional and college use.

Come in and ask questions. No obligation

Binders for every purpose



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Walker Memorial

THE GRILL IS OPEN TO ALL TECH MEN

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Notices and Announcements

UNDERGRADUATE

T. C. A. PLEDGES

Men not having redeemed their T. C. A. Drive pledges are requested to do so at once in room 7, Walker.

CREW DINNER

The Technology Boat Club will hold an open dinner for upper class crew men at 6 P. M. Tuesday in Walker Memorial.

FRESHMAN RIFLE TEAM

Matches are scheduled each week for the rest of the season. All members of the team are urged to be present both Monday and Tuesday of each week. Next week's match is against Worcester Tech.

B. A. A. GAMES

Through the courtesy of Mr. Albert Geiger, M. I. T. '95, a section has been reserved for Tech men and tickets can be obtained from Major F. H. Briggs, 10 High Street, Boston. The price is \$4.40 each. Applications should be made preferably by mail, with remittance, not later than February 2nd.

CROSS COUNTRY

Pictures of the Varsity and Freshmen Cross Country teams will be taken at Notman's Studio, Harvard Square, on Tuesday, Jan. 12, at 8:30 A. M. The following men will report with track uniforms: Varsity: Rooney, Hooper, Akereley, Chute, Rick, Kirwin, H. B. Smith, and Ostborg. Freshmen: McClintock, Worthen, Burgess, Hallahan, Payson, Walters, Horwitz, and Sullivan.

TRACK MEET TICKETS

All those wishing tickets for the B. A. A. Indoor Track Meet, February 6, should apply to the track management at the Track House.

T. C. A. CABINET

Members of the T. C. A. Cabinet will meet today at 5 o'clock in the back office.

SENIOR PORTFOLIO

Statistics must be turned in at the Technique office right away.

OUTING CLUB

Important meeting to discuss Winter Trip. Tuesday Jan. 12, at 5 P. M. In Faculty Dining Room, Walker. All interested invited.

CHRISTIAN SCIENCE SOCIETY

There will be a meeting of the Christian Science Society in room 4-132 tomorrow, Tuesday, at 5.

BOXING

Freshmen substituting boxing for Physical Training should sign up in McCarthy's office at once.

TECHNIQUE

Seniors are requested to return their proofs to Notman's Studio at once.

DANCE TICKETS

Ten tickets for an informal dance to be held at the Girl's City Club tonight have been received at the T. C. A. office.

Tie a tin to trouble



A TIDY red tin of Prince Albert, to be exact. There's the greatest little trouble-chaser in the known world. Smoke P. A. and pipe-grouches choose the nearest exit.

Yes, Sir, P. A. is right there with the Pollyanna stuff. Sunshine, gladness, the light heart, the bright smile. Because Prince Albert is the cheeriest, chummiest tobacco that ever tumbled into a briar or corn-cob.

Smoke P. A.—and smile. Cool, comfortable P. A. Fragrant, friendly P. A. Not a tongue-bite or throat-parch in a ton of it. The Prince Albert process hung the "No Admittance" sign on Bite and Parch the day the factory opened.

Get a tidy red tin of P. A. today and give pipe-worries the gate.

PRINCE ALBERT

—no other tobacco is like it!

P. A. is sold everywhere in tidy red tins, pound and half-pound tin humidors, and pound crystal-glass humidors with sponge-moistener top. And always with every bit of bite and parch removed by the Prince Albert process.

