A Record of Continuous News Service for 43 Years

**Official** 

Undergraduate News Organ of Technology

Vol. XLIV No. 94

CAMBRIDGE, MASS., WEDNESDAY, MARCH 11, 1925

Five Cents

### **MERMEN MEET AT** ANNUAL BANQUET AS SEASON ENDS

L. J. Gentry Announced Manager Of Next Years' Team As Mermen Dine

LETTERS GIVEN VARSITY

Interesting Speakers Address Swimmers on Variety Of Subjects

Last night at Riverbank Court Hotel, the swimming team held their banquet to end the season. At the conclusion of the banquet, several interesting speakers were heard, including Dr. J. A. Rockwell '96, chairman of the Advisory Council on Athletics, L. J. Johnson, of the Brookline Swimming Club, donors of the Interclass Shield, Coach Dean and Captain Will Wal-

Manager K. Lord announced the manager of next year's team as L. K. Gentry '27. Gentry who has been an assistant manager since his freshman ing in the orchestra have requested that year, will take charge of the duties for the remainder of the year. His home is Charlestown, West Virginia, Th elections for captain of next year' team were held at the conclusion of the banquet, but were not announced, since Kerns, one of the letter men of the team, was not present to cast his vote Awards Letters

Dr. Rockwell's speech mainly dealt with the Advisory Council's attitude toward swimming at the Institute, from the viewpoint of a losing team. The Council considers the number of men out for the sport, clean sportmanship, and a fine team spirit just as essential as a winning team. He read the code of sportsmanship of the newly formed Brotherhood of Sports, which has been formed in the last few months. This included subdued pride in victory, clean sportsmanship in defeat, and not to hit a man when he is down. He spoke of how it was once thought necessary to eliminate basketball, hockey, and swimming from the athletic program the presence of the musicians, who will at Technology, but these sports have pass their judgment on them. The name since then passed the critical period of the winner will be announced in the

and are now on the upgrade.

At the conclusion of his talk, he an-At the conclusion of his talk, he amnounced the letter awards for the Varsity team and the freshman swimming
awards. The men winning their sTs
were Armstrong, Ford, R. Johnson,
Kerns, Parsons, Wies, Woods and Captheir approval, no name will be adopted
their approval, no name will be adopted
their approval, no name will be adopted tain Bill Walworth. The frosh win- although the best one of those sub-ning their numerals were Bridges, mitted will be selected and the prize Brown, Hartshorne, P. Johnson, Jor-

(Continued on Page 4)

#### PROFESSOR KENNELLY WILL SPEAK ON RADIO

Next Sunday afternoon at four o'clock, in room 10-250, the last of the Popular Science Lectures given under the auspices of the Society of Arts, will be held. Professor A. E. Kennelly of the Department of Electrical Engineering, will speak on "Radio and Its Underlying Physical Principles," and TRESHMEN WILL HOLD the talk will be illustrated by numerous experiments on electrical waves, electrical resonance, tubes used as genera-

tor receivers, detectors, and amplifiers. The heterodyne principle will also be illustrated with experiments in accoustics and electricity, and the various types of radio waves used in broadcasting will be discussed. A limited number of tickets may be obtained free of charge at the Information Office.

#### PROFESSOR BLANCHARD TO GIVE ATOMIC TALKS

Following the yearly custom Professor Blanchard '98 will give a five weeks course of lectures on atomic structure They will be given at eight o'clock in room 10-250 every Tuesday and Thursday morning. Students in all courses fair. This is necessary as a room canare invited to attend and any so desiring may register for it and obtain credit. For these men two one hour examinations will be given.

Among the subjects which will be covered will include the Rutherford-Thomson model of the atom, electrolytic conductance, vacuum tubes, radio activity, etc.

#### PROFESSOR DEBYE WILL GIVE TALK ON X-RAYS

Professor P. Debye of Zurich, who s now completing his series of twenty lectures in the Department of Physics at the Institute, will give a lecture on Friday, March 13 at 3 o'clock in room 4-270 on "X-Rays and the Constitution of Matter."

In this lecture, which will be presented in an un-technical manner, Professor Debye will present and discuss the modern conceptions of the constitution of matter in the light of X-Ray

Members of the staff and students of the Institute as well as all others interested, are cordially invited to attend

### **CLUBS' ORCHESTRA SEEKING NEW NAME**

Winner of Contest for a New Title To Be Given Two Free Tickets

Disgusted with the cumbersomeness of the name "The Combined Musical Clubs of the Massachusetts Institute of Technology Dance Orchestra" the men playa short, appropriate name be selected for them to use in the future. Accordingly the clubs are opening a competition today for the purpose of finding a better name for their dance orchestra.

Two free couple tickets for the Spring Concert will be the prize which will be awarded to the person whose suggestion is adopted by the clubs. The contest starts today and will end on Monday, April 13, one week before the Spring Concert. The proposed names for the orchestra together with the names of the mer responsbile for them should be enclosed in sealed envelopes and delivered to E. B. Haskell '26, publicity manager of the clubs, in the Musical Clubs' office before the final date.

Posters Announce Concert The selection of the new name will he left entirely to the orchestra itself. The sealed envelopes will be opened in Spring Concert program and it is expected that the dance orchestra will use awarded as planned.

For the benefit of those of the student body who have hitherto been unable to fathom the mystery of the "T-D" posters which have been decorating the bulletin hoards of late, the management of the clubs announces that the plain and perhaps meaningless placards were merely forerunners of the more definite posters placed on view today announcing the ticketsale for the Technology-Dartmouth Concert which is taking place all this week in the main lobby from 12 until 2 o'clock. The price of the tickets is \$5

## A SMOKER NEXT TERM

Sometime next term a smoker-banmet will be held by the freshman class. The affair will be a strictly freshman one and will take place in Walker Memorial. Besides the dinner there will be various forms of entertainment including vaudeville and also moving pictures if the main dining room of Walker is secured.

"I hope the freshman class will come out in full force for this affair," said Elmer J. Dean '28, president of the freshman class, "as this is the only freshman social event of the year. Freshmen will be sure of a good time

at this smoker.' Tickets for the event will be on sale immediately after the recess and will be sold up to within a week of the afnot be secured until the approximate number wishing to attend is known. The men in charge of the arrangements hope to get an attendance of at least 300 in which case the main hall can be obtained. The date of the smoker has not yet been decided. Last year the freshman social was in the form of a dance.

### FRESHMAN CLASS WILL HEAR TALK BY E. E. WHITING

Prominent Newspaperman To Give Last of This Year's Lectures

#### IS WITH "BOSTON HERALD"

E. E. Whiting, prominent newspaper writer and author, will deliver the last freshman lecture of the year tomorrow morning in room 10-250 at 11 o'clock. Mr. Whiting is probably best known locally as the author of "Whiting's Column" which appears daily in the "Boston Herald."

"The Use and Abuse of Newspaper Reading" is the subject which the speaker has chosen for his talk, and will deal chiefly with what the newspaper can do for the public, and what the public in turn can do to aid the newspaper. He will also point out the duties of the newspaper as regards the advancement of conditions in society and politics, and how the paper is affected by public opinion.

"The newspaper counts on the people to do selective reading," states Mr. Whiting, "No newspaper or magazine published can satisfy all of the people. They must find out for themselves what is best for them, and choose according-

#### Began Boston Work in 1903

Concerning the newspaper work as a profession, the speaker will tell of the problems faced by an editor and newspaper writer, including facts from his personal experience. He will at the same time tell the freshmen of the prospects in this field, and the nature of the reward which the newspaper writer may look forward to.

Mr. Whiting is the son of C. G. Whiting, who was editor of the Spring-

field Republican from 1868 until his death a few years ago, and has been connected with newspaper work all of his life. His active newspaper work in Boston began in 1903, and he was: at one time editorial writer on the 'Daily Advertiser," before it became a Hearst publication, and later editor of the "Evening Record." Mr. Whiting Mr. Whiting Herald" for the past four years.

thoroughly acquainted with the national politics and the policies of both political parties. He has written numerous articles for several of the larger national magazines, and is also the author of two books on President Coolidge. His first book published in 1923, is a biography of the President, and his latest work, "Calvin Coolidge—His Ideals as a Citizen," is an analysis of the President's public speeches.

#### PROFESSOR WARNER IS GOING TO WEST COAST

#### Is Head of Committee Which Will Test New Planes

A new type of airplane is being submitted to the United States mail service, and is now being considered by a committee of three members of which Professor E. P. Warner 17, as consulting engineer for the air mail service, is chairman. During the past few days, the committee has been testing two of these machines on Long Island.

Unless some unforseen accident occurs, two other planes will be inspected | at Mather Field, Sacramento, during the examination week. Professor Warner expects to leave sometime on Friday of this week, and will return about

March 24. He says that the airplane used at present by the mail service has been gradually evolved from a previous type. Several improvements have recently been developed, and these will be embodied in the new plane. It is designed to land more slowly and to carry a larger load, increasing the operating efficiency, and making landing in thick weather safer. At present the mail service is averaging two and a quarter

## 'THE TECH' WILL ENTERTAIN **SCRIBES AT ANNUAL BANQUET** IN THE HOTEL LENOX TONIGHT

Will Deliver Talks To Technology Men



E. E. Whiting

## **KEENEY DELIVERS FURNACE LECTURE**

Electro-Metallurgist Describes Application of the **Electric Coil** 

R. M. Keeney, electro-metallurgist of the Westinghouse Electric and Manufacturing Company, gave a lecture on Electric Furnaces to the class in Heat Treatment, yesterday morning. The evolution of the present furnace was traced from the electric arc and carbon resishas been associated with the "Boston tor types to the present metal resistor furnace. For many years it was thought The speaker has spent considerable impossible to use metal resistors, and even now there are limitations to their use, but Mr. Keeney told how for certain purposes they are of great conveni-ence and efficiency.

Types of Alloy Used

There are several alloys being used, of which a nichrome chromel alloy is the best. Others bearing up to 20 per cent iron are subject to rapid oxidation at high temperatures. The installation of the heating coils was described, with the emphasis laid on the means of supporting them, as this is the part which is the greatest cause of failure. Next the means and advantages of tempera-

(Continued on Page 4)

#### PRESIDENT OF A. I. E. E. **WILL LECTURE MARCH 27**

Society of Electrical Engineers **Invites All Students** 

Farley Osgood '97, president of the American Institute of Electrical Engincers will speak to the members of the Electrical Engineering Society Friday. March 27. Mr. Osgood has chosen as his subject "What a College Graduate Goes Up Against and How to Meet It." and he says that the talk will be of such a nature that it will be of interest to any students so he hopes that the audience will not be limited to electrical engineering students.

After graduating from the Institute Mr. Osgood went into telephone work, later becoming chief engineer of the New Milford Power Co., in Connecticut. From there he went to the Public Service Electric Co., in 1907, as superintendent of distribution. He became general superintendent in 1909 and assistant manager in 1912 and in 1917 he was made vice president and general manager. He recently resigned million miles per year, flying day and from this position following his elecnight, with only two fatalities in the last two years.

A. I. E. E., last May.

## **MANAGING BOARD** FOR VOLUME XLV TO BE ANNOUNCED

Whiting of Boston Herald and McKernon of A. P. Will Speak

#### LATTER FROM NEW YORK

Edward McKernon, Eastern Division Superintendent of the Associated Press and E. E. Whiting of the Boston Herald will be the two chief speakers at the annual banquet of the Institute scribes to be held in the Hotel Lenox tonight at 6.30 o'clock. It is expected that Professor H. W. Tyler 84, head of the Mathematics Department will also make a short address. D. A. Henderson '25, the present general manager will be toastmaster.

A precedent is being established this year in having the banquet at the end of the volume instead of in December. Entire elections for the next volume, including the Managing and Associate Boards as well as the staff will be announced at this time.

Mr. Whiting is well known in Boston where he is prominent in newspaper circles. He is the author of Whitings Column of the Herald and of a recently published book on Calvin Coo-lidge. He was Herald correspondent in Washington during the war and will speak on his experiences in that city during the World War.

Native of New York Mr. McKernon has selected as his subject "The Liberty to Know" and is also expected to relate some of his personal experiences while covering important news assignments as an associated press correspondent. He is now n entire charge of the Eastern Division Work of the A. P., and in this capacity had complete charge of the A. P. forces covering the Democratic convention in New York last June.

For many years he was correspondent in Boston and has worked in practically all departments of the A. P. One of his biggest assignments was trip to South America and report this for the A. P. During the war he was located in New York City where he watched the World War "through the eyes of a cable" writing up the various despatches for the A. P.

Although a native of New York he began his journalistic career with the New England newspapers and became Boston representative of the A. P. in 1902. With the exception of special assignments he was located in this city and working for the A. P. until raised to his present position with headquarters in New York City from where he is coming for the event.

#### REDEEM 230 SIGN-UPS FOR 1925 TECHNIQUE

Two hundred and thirty, or 15 per cent of the total Technique signups were redeemed in the first two days of the signup redemption campaign. As there are six days to the campaign, this is only half the amount which Technique declares ought by now to have been redeemed.

After this week, the stand in the main lobby will be discontinued, and men who wish to redeem signups must do so at the Technique office. After March 31, the redemption price will be raised \$1.

The date for this year's Technique rush is April 18. Any man who has a redeemed Technique signup may participate in the rush. The books will be given out immediately after the rush, according to present plans.

#### **CALENDAR**

Wednesday, March 11 6:30—THE TECH banquet, Hotel Lenox.
6:30—Meeting of the Technology Chapter Unitarian Layman's League, Unity House,

tarian Layman's Longer,
Park Square.
Thursday, March 12
11:00—Freshman lecture, room 10-250.
Sunday, March 15 4:00-Science lecture, room 10-250.

A Record of Continuous News Service for 43 Years



...General Manager

Official News Organ of the Undergraduates of Technology

OFFICES OF THE TECH

News and Editorial-Room 3, Walker morial, Telephone, Univ. 7029

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In charge of this issue:

MANAGING BOARD

R. A. ROTHSCHILD, '26

#### ARE WE ENTIRELY LACKING IN HONESTY?

ONE of the prime elements in the make-up of a successful man, be he an ordinary business man or be he an engineer, is honesty-This quality is of foremost importance in a man's character if he is to do anything worth while. That Technology men, engineers in the making, to whom honesty should be a by-word, are no more honest than the general public has been shown by their disregard for the principles of common decency in the matter of paying for newspapers.

Ever since the Institute has been in its present buildings, papers have been left on the table in the basement of Walker Memorial, with a little box for coins. The total disregard for this hint that papers are to be paid for has caused the woman who brings them to threaten to discontinue the service for which few men seem willing to pay.

It is at once strange and sad that a man who is willing to pay hundreds of dollars to obtain an education to fit him for a life of service to humanity, for such is the life work of the engineer, should stoop so low as to cheat a poor woman out of the few pennies upon which she is dependent for her daily bread.

Come, come fellows. Do not quibble about the payment of a few coppers. The papers are brought for your convenience, and you certainly should be willing to pay for them.

#### OFFICER OR PRIVATE?

HE time is now at hand for the members of the Sophomore I class to decide what branch of Military Science they will follow this coming term. As all of them now know, the Military Department has, in the past year or so, changed the system, so that the Sophomores specialize in some particular branch of the service during their third term.

In the minds of most of the men, this also brings to a head the very important) he would very likely question of whether or not to take up the Advanced R.O.T.C. work go out to see her every time he could next year. This is, of course, not a particularly important decision get an evening off, say once or twice in a man's life, but still, it is a question of whether or not it is worth a month. while to put in an extra thirty hour course each term for the rest of the time they are here. True, in the case of some of the units, He only knows one girl here in town, it is not even this much, as in many cases, a large part of the Mili- and, while she is a good dancer, she tary work is covered by the regular curriculum work.

To draw up a balance sheet of the gains against the labor involved, the credit side of the ledger will contain the following items: Cash to the extent of thirty cents a day during a period of 21 months, and about seventy cents a day while at camp, a total of over two hundred dollars; transportation to and from camp at the rate of five cents a mile; board and clothing while at camp; experience that is valuable in peace times and of supreme importance in war times; six weeks of healthy outdoor life after a year of study; the use of government property to the value of thousands of dollars-property that cannot be secured elsewhere to work good report, but what on earth can F.R. with; and last, but far from least, the ability to go right into the service with a commission, without wasting valuable time in a train-

The debit side virtually disappears in comparison to the above. containing only: Thirty hours a term of very valuable work; the necessity of taking two particular general studies, instead of having all of them optional; the giving up of about six weeks of one summer to attend camp.

MANY, many otherwise good citizens claim that there are going to be no more wars, or at any rate, not for two or three generations. On the other hand those who are in a position to know set the date of the next major war as from five to fifteen years hence, depending on the particular person giving the information. What Technology man wants to go into the ranks as a buck private, when at little effort, he can secure a commission, and be paid for securing it?

The Editor, of course, will not recommend one unit in preference to another-it all depends on what line a man is particularly interested in. All he wants is that every upperclassman in the Institute who is eligible shall be enrolled in the Advanced Reserved Officers Training Corps. At present, there are 472 Juniors and Seniors taking the work. That means that there are probably at least 500 men who could be training here now, but who, due to a lack of initiative or otherwise, are not doing so.

Pick your unit by March 25—decide to go to camp this summer before April 1, and put the Institute on top of the list of R.O.T.C. Colleges in the percentage of students enrolled in advanced courses.



The Lounger is in receipt of the following communication:ear Lounger:-

While looking through the dictionary the other day I noticed this: QUIZ (kwiz), n. an enigma of obscure question designed to puzzle anyone; one who quizzes others; v.t.p.t.&p.p. quizzed, p.pr. quizzing; to puzzle; make fun of; banter; hoax; examine narrowly with an air of mockery; peer at.
PLEASE EXPLAIN!

(Signed) Quizzed Pete. P.S. Also please answer me this: Is it good for one to marry at this time of the year (Spring)?

Q.P. Now you have it. Murder will out, and it has outed now. We always thought that there was something wrong with our "Quizzes" and now we know what it was. We never bothered to look up an actual definition of the word, but we always had qualms when an instructor or a good old Prof announced that he was going to give a quiz, or would quiz us next hour. Now we know what he means.

The Lounger does not feel that any

explanation is necessary. The definition explains itself.

So far as the second question is concerned, NO. Nor any other time. But it is proverbial that Spring is a poor time to get married. Else why so many June weddings? If it were all right to pass on in the Spring, why would so many loving couples wait till June, the time that is at the very end of Spring, or just after the Summer Solstice, if the funeral is put off 'till after the twentieth.

But the Lounger is a firm believer in bachelerhod, Connubial Felicity and all if that sort of thing are all right for those who like it, but the free and unhampered life of Single Blessedness is the best for Lounging. Can you imagine Lounging comfortable if the so-called Friend Wife is continuously calling out to not drop ashes on the best unimported Troy (New York) rug, to keep your feet off the freshly polished gas fender, and so forth and so on, ad infinitum, ad naseaum (That probably sn't spelled right, but you will get the point), ad death do you part, and all the rest of it.

While we are on the subject, the Lounger wishes to correct a mistaken impression that seems to have gotter considerable following. The Lounger does not go out to see his girl every night. As will be judged from the above, he has no girl, and in the secand place, if he did have one, he would not go out to see her every night. The Lounger is extremely desirous of meeting some nice quiet young lady who is strong for dancing to the old Victrola in the family living room, and who hates the Follies. If he could find such a lady (This last, i.e., Lady, is

He wants to meet a girl who would turn down an invitation to the Prom. doesn't mind going to a prom now and then, and proms come high. The Loung. er, personally, can't see \$12 (twelve big round iron men) for an evening and morning of dancing in a hot crowded ball room, even if it is at the Copley.

One of the departments at Technology has the amusing habit of marking returned reports with letters which, if one understands the system, may give a vague and hazy idea of how good the report was. The G.R. appears to mean mean? The F and the R both bring back painful memories of Fails and Re peats, and the combination carries with it a tremendous number of possibilities. For the benefit of those who have received this mark, the Lounger wishes to state that the meaning is, or may be one of the following: Fine, Funny, Fair, Foolish, etc. — Reports. We hope the first is correct! Fine!

(P.S. Don't let Uncle Horace hear about the "fine" part of this.)

#### Play Directory

COLONIAL: "Kid Boots." Music and so on COPLEY: "A Bill of Divorcement" Review ed in this issue.

HOLLIS: "The Swan." Charming comedy from Europe.

MAJESTIC: "I'll Say She Is." Musical revue and the brothers Marx. NEW PARK: "Spin-Drift." A. E. Thomas' latest play. PLYMOUTH: "The Goose Hangs High." Re-ST. JAMES: "Pollyanna." SHUBERT: "Chauve Souris." Lots of brilliant novelties.

SELWYN: "White Cargo." The degeneration the white man. TREMONT: "Bachelors' Brides." Jevelation of pre-marriage life. WILBUR: "Beggar on Horseback." Delight.

### **REVIEWS**

#### COMEDY AT ST. JAMES IS MORE LIKE TRAGEDY

"A Bill of Divorcement" as presented at the Copley Theatre this week is an unusual play by Clemence Dane, based on fantasy and termed a "comedy," but easily interpreted as a tragedy of insanity and an unusual divorce law.

The action takes place on Christmas Day, 1933, and the audience is asked to imagine that a law has been passed in England on recommendation of the report of the Royal Commission, permitting insanity of one's husband or wife as grounds for divorce. Hilary Fairfield, who was shell-shocked during the war and has been confined to an asylum during the past 16 years because of hereditary insanity which later appeared, suddenly returns home, cured and finds that his wife is about to marry Gray Meredith, she having obtained a divorce from her husband under the new law of the divorce courts. He finds his daughter Margaret his only consolation, and finally contents himself to enjoy life with her and his "19th century" sister-in-law, after his wife elopes with Meredith.

E. E. Clive, as Hilary, portraying a difficult role with great skill, is particularly impressive, while his wife, played by Miss Newcombe, gave one a rather p amusing picture of a woman unable to decide on her duty to her unfortunate husband, and also the man she really loves. Miss Standing, as Sydney, the 20th century daughter who cared more for eigarettes than the bible, despite the admonitions of her Aunt Hester (Miss Dudgeon), stands out most prominently in the cast. Her vivaciousness, and modern ideas on marriage, children, love, and heredity, furnish considerable color and much of the action in the play, and she proves her ability to understand and enact her role to perfection. Gray Meredith (Alan Mowbray), the energetic lover; Kit Pumphrey (Phillip Tonge), whom Sydney rejects as her sweetheart in order to devote her time to her father; Reverend Pumphrey (Victor Tandy) with his decidely 19th century views on religion and matrimony; and Dr. Alliot (C. Hulse), an impressive physician, com-plete the cast in this remarkable tragic-comedy.

J. B. G.

#### MODERN FAMILY CAUSE OF HUMOR AT PLYMOUTH

The comedy now playing at the Plynouth, "The Goose Hangs High" filled yith lively good humor. Lewis Beach he author, portrays a realistic picture of a small family very much influenced by the college generation. The extremely up-to-the-minute atmosphere is carried on throughout the play and is the cause for many of the hearty laughs.

The play opens with the coming home of the Ingals family to spend the Christmas holidays. Mr. Ingals is played by Norman Trevor who puts the main strength into the play. He is a very idealistic parent who gives everything to his children with the result that they are selfish. Mrs. Wiffen as the grandmother of the family resents having them spoiled and her caustic criticism and abrupt frankness greatly add to the humor of the play.

(Continued on Page 4)

#### Intercollegiates

#### HELENS MOST POPULAR AT THE CRIMSON PROM

Just a little investigation of the Harvard Prom shows that the 1926 men are more desirous of taking Helens to the greatest dance of the year. Out of a group of 100 feminine names, Helen comes first closely followed by Margaret. Every form of feminine appelation known to man is included upon the list, with Mary getting 15 votes, Elizabeth 14, and Frances 11.

Only two points gave Boston a close victory over Wellesley as the place where girls grow best. The 1926 men showed as great a variety in their choice of location for their partners as they did in the choice of names. From Detroit to Miami, the girls will represent nearly every state in the East. Wellesley is by far the most favored girl's college, supplying 48 partners to the 1926 Prom. Other institutions which will be represented are: Vassar, Smith, Bryn Mawr, Jackson and Rad-

The Greek letter fraternities in Texas have a rather dim future, for at the present moment there is a bill before he assembly of the state of Texas advocating the abolition of fraternities. The bill calls for the immediate abrogation of all fraternities in educational institutions supported by the state.

Nine members of the staff of the Iniversity of Southern California "Trojan" are to have practical experience in journalism. For a short time, they will edit the "Fullerton Tribune," a newspaper of a Los Angeles suburb. Not only will the editorial work be taken over, but members of the advertising class will write, sell, and arrange display advertising, giving the university students complete charge of everything, but the actual printing and de-



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While waiting the day when the diamonds will be ready for playing, the Beaver nine is working out nearly every afternoon in the Hangar Gym under the tutelage of Luke Bannon. A large squad of pitchers and catchers have been practicing since the official opening of practice at the baseball meeting about three weeks ago and from present prospects Bannon will have a string of first rate pitchers to take Tommy Fitzgerald's place on the mound.

Practice up to the present time has been confined to battery workouts. with two pitchers warming up their arms slowly to one catcher. Luke doesn't want any "glass arms" in the signed up for class baseball and some outfly when outfloor practice games of them have been showing up in the

morrow afternoon at the Hangar Gym enough interest and ability. for he wishes to get somewhat of a line on the material he can expect out

With the days getting longer, it is possible now to practice up to 6 o'clock. This will give the coaches time enough the men show up early enough in the afternoon. About thirty men have on the average come out for battery practice in the Hangar and Luke looks for to go double that number this afternoon at the first outdoor debut of the Beaver Art baseball club.

A game has been scheduled April 17 and a meeting with Rensalear is pending agreement which will set the opening of the season at April 11. This will leave Luke with less than three weeks to whip a team into shape to take on the New York Staters. However, the batteries have been working out for a fair length of time now, so no time will be lost in getting the

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outfit when outdoor practice comes of them have been showing up in the mext term so the men have been gonext term so the men have been going slow and taking it easy in getting their wings into condition. Today the team will go outside for their first outdoor practice of the season.

First Game on April 17

Frank Game on April 17 door practice of the season.

First Game on April 17

The fine weather of the past week has left the ground pretty firm so the previous years and although the best men will be able to get a good work-out in fielding and batting practice. Luke wants everyone who intends to who comes out will have a chance to tryout for the team to show up to- play on some team, providing he shows

It will be the third year of competition for the Intramural baseball cup. The class if 1924 won it the first year when they sailed through the series under the leadership of Bill Walterskirchen. Last season the frosh took for a good two-hour practice providing the cup when they swept the series after two indifferent early season games which they lost. The championship nine is back in school this year ready

Attractive Schedule Arranged

Art Tacy has arranged a schedule of right games so far and three or four more games are expected to be scheduled. Bates and Bowdoin may accept contests with the informal Varsity. However, nothing definite has been decided in this direction. Some of the teams included in the schedule are Worcester Tech, Providence College, Boston University and Northeastern. Several more away-from-home games are also on the schedule. This will give the players an attractive proposition as the trips are the best part of any schedule in the athlete's mind.

Today Luke holds his first outdoor practice and not only does he want men who think they are good enough for the Beaver baseball club team but he wants everyone interested in class baseball to show up at the Hangar and get started in practice. The coach is especially anxious to get the men go-ing before the spring vacation so that he will be able to be going in full swing ice cream soda. You might like to try our waffles and maybe April 11 will be the day the team receives its acid test, so he wants everybody out for a good start.

### **BILL HAINES ROWS** IN EIGHT IN ORDER TO DETECT FAULTS

Position Good Point for **Observation** 

#### VARSITY PRACTICE TODAY

Varsity were getting along with their rowing Coach Bill Haines rowed with Walker, yesterday afternoon. he first eight on Monday afternoon. By rowing at number two in the Varsity shell, Bill was able to detect many faults that he otherwise would not be able to observe. Every so often he would stop the boat and spend a few minutes in coaching the men. Throughout the coming season he will un-doubtedly repeat this practice, as he discovered many minor details that needed improvement.

This afternoon the Varsity will have their last workout of the term, and then rowing will be discontinued for all the crews until Thursday of next week. At this time the majority of the men will have completed their final examinations and will therefore be able to spend a great deal of time in rowing and getting into condition. Starting March 19, the Varsity and 150 pound Varsity will report for practice twice a day until the beginning of the third term, when the regular schedule will again go into effect.

Examinations coming at this time of the year are a great hindrance to the crews. Other schools, with whom the Technology eights compete later in the season, are not hampered by a week of examinations and therefore are able to continue with the regular practices from now on until the end of the season. Due to the new two term sys-

tem going into effect next year, the Beaver crews will not be handicapped in a similar way in the future. It is on account of this ten day lay-off that Bill Haines is calling for two practices a day in the week following exams.

## RECORDS BROKEN BY VARSITY AND FROSH SWIMMERS

Grover of Freshmen Is Leading Performer by Breaking Four Records

#### JOHNSON AND FORD STAR

Although the swimming season was not successful when considered from the standpoint of the number of wins, there were several outstanding periormances during the season. Three Varsity and three freshman records were broken, also six records were establish-

ed by the Varsity and freshman teams.
The outstanding performer of the year was Captain Grover of the frosh team, who broke all three of the frosh records, and also the Varsity 50 yard record. Grover had already achieved a name for himself when he came out for the frosh team, having been captain and star dash man at Exeter before

entering Technology.

Grover Stars for Frosh Living up to his reputation, he started the season off by winning the 50 yard dash in the Interclass meet, and incidentally breaking the Varsity and frosh record for this distance. The former Varsity record was 26 seconds, made by Scranton at Columbia a few years ago. At the same time, the frosh record of 26 1-5 seconds made by Campbell, star of last year's frosh team

was broken. Continuing his record breaking per-formance, he again lowered one of Campbell's records in the 40 yard dash in the meet with Malden High. time he lowered the record from 22 4-5 seconds to 20 3-5 seconds. Swimming against Andover, he broke the 100 yard swim record made by Ralph Johnson last year. He swam the distance in 1 minute 1 4-5 seconds, lowering Johnson's record of 1 minute, 2 2-5 seconds by 3-5 seconds.

Varsity Relay Establishes Record Ralph Johnson established a record of 1 minute, 26 seconds for the 100 yard backstroke in the Interclass meet, and then proceeded to break this record at Amherst when he swam the distance in 1 minute, 23 seconds. The other notable lowering of a record was by Ford in the plunge. At Williams in the 60 foot plunge, he lowered a record made at Annapolis by Stallbird of 37 seconds to 28 4-5 seconds. Cutting the time for this event by almost 10 seconds was perhaps the most outstanding record of the year.

The Varsity relay composed of Arm-

(Continued on Page 4)

## Fencers Score Decisive Victory Over Dartmouth Delegation 11-2

The Epee-Lose But Two With Foils

Taking every bout with the epec and losing but two with the foils, the Technology fencing team decisively defeated Dartmouth 11 to 2 in a combined fencing and epec tournament in north half

Captain Levis was the only engineer to win all of the bouts in which he participated while Elkins and Hawthorne of Technology each dropped one. Captain Misch of the Green was the hardest adversary for the engineer captain but lost to Levis 5 to 4. Levis defeated Cetrulo and Townsend of Dartmouth by good margins.

Win All Epee Bouts

Hawthorne surprised by winning from Captain Misch of Dartmouth 5 He also was victorious over Townsend of the Green but the diminutive Cetrulo proved too aggressive and scored a win over the engineer 5

Cetrulo was the individual high point scorer for the Dartmouth delegation and vanquished Elkins of Technology with apparent ease by the score of 5 to 1. Elkins staged a comeback by winning from Captain Misch of Dartmouth 5 to 4 and from Townsend of the visiting team 5 to 3.

Technology took every one of the epec contests when Blake and Cole of the engineers defeated Misch and Cer-

rulo of the Dartmouth delegation, giv-Engineer Coach Finds Number 2 Engineers Win Every Bout With ing the engineer team a 4 to 0 edge in this event. The individual scores fol-

Levis (T) defeated Misch (D) 5-4. Levis (T) defeated Cetrulo (D) 5-1. Levis (T) defeated Townsend (D) 5-1. Hawthorne (T) defeated Misch (D) 5-2. Cetrulo (D) defeated Hawthorne (T) 5-4. Hawthorne (T) defeated Townsend (D) 5-4. Elkins (T) defeated Townsend (D) 5-3. Elkins (T) defeated Misch (D) 5-4. Cetrulo (D) defeated Elkins (T) 5-1.

EPEE Blake (T) defeated Cetrulo (D) 1-0. Cole (T) defeated Misch (D) 1-0. Cole (T) defeated Cetrulo (D) 1-0. Blake (T) defeated Misch (D) 1-0.

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## Disposal of the Eastman Gift Is Not Yet Decided

Architects Delegated to Draw Up Plans for Future Developments

As yet no definite plans have been taken by the Corporation in disposing of the four and a half millions donated to the Institute last fall by George Eastman.

According to Assistant Bursar D. L Rhind, it will require considerable time to decide the way in which any part of the money will be used, to say nothing of determining how the entire four and a half millions will be expended.

It is very improbable that any large proportion of the sum will be devoted to one purpose, such as the erection of large and costly buildings. On the other hand the expenditures will, it is gen or some reducing gas. expected, be divided up between a number of different projects. The Assistant Bursar declared that, according to present indications, it will be some time before the Corporation will be able to make up its mind as to how the money

can most wisely be apportioned.

Two architects, Professor Jacques
Carlu, of the Architecture Department, and H. J. Carlson '92, a life member of the Corporation, have been delegated to draw up plans for development of the land on the other side of Massachusetts Avenue purchased last year by the combined professional societies. These Institute with the future expansion of features are being tried out and if sucthe Institute in view. Ideas for general lines of development will be embodied in the plans, which will probably, be only suggestive.

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#### **ELECTRO-METALLURGIST GIVES FURNACE LECTURE**

(Continued from Page 1)

ture control were described. It was brought out that the variation of voltage during the noon hour, and after 6 o'-clock from some hydro-electric plants may seriously damage the heating coils if precautions are not taken.

Keeney emphasized the fact that heat is heat, regardless of the source, and the value of electric furnaces comes from the freedom from gases, fire hazard, and convenience in location, and not in any special property of electric heat. Illustrations were given of the money saved in some plants by the convenience of location of these furnaces due to the freedom from fire risk. A warning was given that sometimes the freedom from combustion gases may be a disadvantage in that the surface of a high carbon steel may be decarbonized, making a hard interior and a soft exterior. To avoid this packing must be resorted to, or the furnace must be filled with nitro-

#### T. E. N. GOES ON SALE THIS MORNING IN LOBBY

The March issue of the T. E. N. will go on sale this morning in the main lobby. Some new features have been innovated in this month's issue including a pictorial section and a special page devoted to the activities of the cessful will be a permanent feature of the magazine.

The following articles are included:
"The Evolution of the Ship," by J. R.
Jack of the Naval Architecture Department; "The Mississippi River Delta," by Z. H. Zimmerman, assistant instructor in the mechanical Engineering Department; "Forest Conservation," by Governor Pinchot of Pennsylvania; "Recent Automobile Show," by Professor Dean A. Fales '15; "Power at Niagra," by W. K. Bradbury, '09; "Helium for Aeronautical Use," by S. C. Lind '02; "Reinforced Concrete Design," by Pro-icssor Dean Peabody, Jr., '10; and "The Powell-Leverage Motor," by Verner J.

#### TODAY LAST DAY OF PROM SIGN-UP SALE

"Today," announces the Junior Prom Committee, "is the last day that Junior Prom signups are to be on sale." The booth in the main lobby will be open from 10 to 5 o'clock today with the remainder of the 400 signups on hand ready for distribution at \$6 each. If any signups remain after today, persons wishing to secure them may do so by applying to any member of the com-

Scating preference cards were given enough according to the men in charge as quickly as possible to facilitate the college. Thus it ends happily as the work of seating the guests at supper. title signifies, Alls right with the world.

### STATES WISDOM OF P. T. SUBSTITUTIONS

Physical Director Gives Views On Subject—Frosh Must Sign Up By Saturday

Reports from the office of the Physical Director indicate a slight awakenng on the part of freshmen in the matter of P. T. substitution. Yet up to date only 151 men have signified their intention of getting into a live sport instead of taking the unpopular gym exercises: 65 men are taking up track work, 41 crew, 24 baseball, 9 fencing, and 6 each swimming and gym. Many more have intentions of signing up but they have only to 12 noon on Saturday

This small showing, about twenty-five per cent of the entire freshman class, seems to bear out the truth in the general understanding of the upper classes that there is a decided laxity amongst the lower classmen in supporting Institute athletic teams. All the coaches agree that "it is a pitiful years team, including the new equipstate of affairs when undergraduates, especially freshmen, must literally be

dragged out for competition."

Sees Sports as Healthy Recreation "Doc" MacCarthy, in expressing his views on the subject recently, said "The ireshman that has not enough red blood in him to sacrifice a few hours a week for the good of Institute spirit, and, more important, for his own physical welfare is hardly worth his salt."
"Yet." he continues, "the hesitation on the part of most of the men is due to the popular belief that prep school experience is magazing to make the popular belief that prep school experience is magazing to make the popular belief that prep school experience is magazing to make the most property to make the property that the most property is magazing to make the most property the most property to make the most perience is necessary to make a team at the Institute. This belief is absoutely contradictory to the policies of the athletic supervisors. Bob Hendrie, the best cross country runner that Technology ever produced, and Intercollegiate champion of 1923, never wore a spike shoe before his matriculation at the Institute. Captain McCoy of last year's gym team won the Intercollegiate rings championship though he was greener than the greenest rookie during his freshman year. Incidentally, McCoy graduated on the honor roll, which further disproves the belief that a man can not study well while competing on a team.

"If the men could only be made to understand," the physical director asserts," to what extent participation in some sport helps their general well being and aids them in making desirable friends during undergraduate days, they would get in the habit of spending more time on the athletic field instead of in "bull-sessions' and in ill-ventilated movie houses.'

#### MODERN FAMILY CAUSE OF HUMOR AT PLYMOUTH

(Continued from Page 2)

It takes a financial difficulty and the loss of Mr. Ingals job at the City Hall to make the family realize what they should do for their parents. The out with the signups already sold, with instructions to return them when filled the reorganization of the family affairs out properly to the committee. These under the hand of the college experi-cards are not being returned fast enced children. The twins succeed in children. The twins succeed in persuading their grandmother to start third on the frosh team. of arranging the scating scheme and Mr. Ingals in business. This makes it a request is hereby made urging the possible for Hugh the eldest son to owners of signups to return their cards marry and for the twins to go back to

#### Notices and Announcements

#### **OFFICIAL**

SIGNAL COMMUNICATION

There will be a make-up test on Signal Communication in room 3-310 at March 14, for those men who missed the test on the above subject.

#### UNDERGRADUATE

COMPLIMENTARY TICKETS The T. C. A. Social Division has re-

ceived complimentary tickets for the piano recital by George Smith to be neld at Jordan Hall at 8,15 tonight. Men desiring to attend this recital may obtain tickets by calling at the T. C. A. office in Walker.

#### FRESHMAN HANDBALL

The handball team of Section 9 of the freshman class challenges any other section to a match. Any section wishing to accept see L. A. Forsyth '28.

#### TECH SHOW TRAIN

Tech Show will run a special train from New York to Boston on Wednesday morning, March 25, at 4 o'clock. Apply for reservations at once at Tech Show office, room 301, Walker.

#### UNITARIANS

There will be a meeting of the Technology Chapter of the Unitarian Laymens League, March 11, at Unity House, Park Square Boston. Suppe at 6.30, followed by a talk by Rev. Thomas H. Billings.

### P.T. SUBSTITUTES

P. T. Signups for 3rd Term in H. P. McCarthy's office, in baseball, fencing, gym team, track, crew, swimming. Sign up before 12 noon on March 14.

#### BASEBALL MANAGEMENT

Managerial competition both for the Beavers and the class baseball teams has now begun. All men who are interested in this competition should either see A. J. Tacy in the Hangar this afternoon or leave their names in the baseball mailbox in the A. A. office.

**TECHNIUQE** 

Sign-ups may be redeemed any day this week in th main lobby from 12 to 9, for \$2.50. Thereafter, till March 31 they may be redeemed at the Technique office. Price of redemption after that date will be \$3.50.

BASEBALL

Baseball practice will be held on Wednesday and Thursday of this week for infielders, outfielders and battery. Practice will be outside.

#### CORPORATION XV SPRING TOUR

Final payments must be made to the treasurer by 4 o'clock March 13, by all men going on the tour.

SHOW TRAIN—REDUCED FARE Tech Show management announces that the special train from New York to Boston, leaving at 4 o'clock, on the morning of March 25 (registration day), will be run at a reduced fare. All Institute students may apply for re-servations at Show Office, room 301,

#### SWIMMERS BANQUET IN RIVER BANK COURT

(Continued from Page 1)

dan, Kelsey, Ullman and Captain Gro-

#### Coach Dean Speaks

L. J. Johnson of the Brookline Swimming Club gave a very interesting talk on the history of swimming at Technology, past and present. He showed how it had overcome dissension between the student body and the coaches and between the managers and the team. He then showed how it would be necessary to go about getting a new pool for Technology. He claimed that it would not be through the Institute or the Athletic Association, but through the Alumni of the Institute. It must be in the same way that Yale, Williams, obtained theirs through the donations of wealthy Alumni that were interested in sports at the Institute.

Coach Dean spoke on the methods that would be followed in training next ment that will be obtained with the appropriation. On his various trips, especially at Yale, he picked up several excellent pointers that he expected to try out next season. The most important of these was the development of a strong leg kick by the use of boards. He concluded by advising the team of the advantage of keeping in practical training until the season begins again.

#### SIX SWIMMING RECORDS **BROKEN DURING SEASON**

(Continued from Page 3)

strong, Johnson, Parsons and Wies also established a record for the 120 yard relay, and the same relay with the exception of Himrod swimming for Wies established a record at West Point for the 640 foot relay. Paul Johnson of the frosh established a record for the 80 yard breastroke in the meet with Brookline. The frosh team also es-tablished a couple of records during the year when the relay composed of Grover, Kelsey, Ullman, and Brown swam a 160 and a 200 yard relay. A frosh plunge record was established vhen Hartshorne plunged 58 feet.

From the standpoint of the number of points scored during the past year, the dash men of both Varsity and frosh teams lead. Armstrong finished the season with a total of 30 1-4 points, and Grover finished with 48 1-2 points. Wies, whose consistent work throughout the year earned him many places, ranked next to Armstrong with a total of 25 1-3 points. Woods was a close third with 25, but as Wies scored points in the relay, while Woods confines his activity to diving, there is not much to choose between them. Brown was closest to Captain Grover of the frosh when he scored 34 3-4 points for the season. If Grover had not been out of the lineup for two meets, his score would have been much higher. Ralph Johnson with a total of 24 1-4 points ranks fourth in the Varsity scoring, while Kelsey with 19 3-4 ranks

Anderson Fry, a student at Marshal College, Princeton, W. Va., has slept only ten hours a week for the past five years. He says, sleeping more than 90 minutes a day is a waste of time. Not only has Mr. Fry accomplished this unusual feat, but he is also on the Varsity swimming team, manages his college paper, and is rated as the best student of his class.

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