

## TRACK CANDIDATES TO HAVE TASTE OF REAL COMPETITION

To Hold Informal Meet With  
Athletes From Local  
Institution

### MANY EVENTS SCHEDULED

Entries in K. of C. Games Are  
Made Public By  
Mr. Hedlund

Something out of the ordinary will take place Saturday afternoon when the Engineer track candidates will hold an informal meet with the representatives of another Boston college for the sake of the practice which they will gain. There is an unusually large list of events to be run off, including several relay races between teams from the two schools.

Varsity men will compete in the following events: 45 yard high hurdles, 60 yard dash, 1 lap relay, 1 mile relay, 3/4 mile race, two mile relay, shot put and high jump. The freshmen will compete in seven events, namely the 70 yard low hurdles, 60 yard dash, 1 lap relay, one mile relay, 1/2 mile race, shot put, and high jump.

#### Many Out For Relay

The interest in the relay teams seems to be much greater than it ever has been in the past. Sixteen men are at present trying out for the freshman relay team, this being the greatest number ever to turn out, while there are so many promising candidates for the Varsity relay team that Coach Hedlund has been forced to form two relay teams, each comprising seven or eight men.

The tentative lineup for the B. A. A. one mile relay team as announced recently consists of four M. I. T. men, Cummings, Freddie Ladd, Dick Berry, and Hallahan. It is very seldom that any independent relay team of such high caliber as that of the B.A.A. is composed of four men from a single school and it reflects great credit on Coach Hedlund and the school in general.

#### Practice Next Week

Practice will continue as usual during exam week because the K. of C. meet comes Saturday, Jan. 31, and it is desired that all men keep in condition. Coach Hedlund hopes that all track men will show up at least three times during the week for their customary workouts so that they will not lose all the ground that they have gained during the past few months. He also states that he will be at the track house during the vacation following the exams every afternoon from 2:00 o'clock to 4:00 o'clock if any of the trackmen wish to do some running to keep in condition for the meets in the near future.

A large list of men have been entered in the K. of C. meet on the Saturday of next week it was announced yesterday. In the 50 yard dash the Institute will be represented by Bell, Holladay, and Hill. Of these three Bell appears, judging by past performances, to be the most likely to place even though the competition will be severe because of the fact that other college and independent teams are entered.

#### Engineers Strong In Long Runs

In the 3/4 mile race the Engineer entrants are Mann, Hall, Barrett, Burdick, and Albright. All of these men are potentially strong runners with Hall, due to his performance in the 1000 yard run last Saturday, and Herb Albright appearing to be the best bet. Ross and Coon are entered in the high hurdles. The former shows signs of developing into one of the best sprinters Technology has ever had. He appears to have found himself at last and will be a dangerous man. Coon is also an exceptional hurdler although his all round performances have somewhat dimmed his brilliance with the timbers and should

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### Stress Advantage of Early Prom Signups

Signups for the Junior Prom will be held on February 11th, 12th, and 13th. The Prom Committee advises all those wishing to attend to make their applications as soon as possible since the number of signups will be limited to 250. This year the price has been reduced from \$5.00 to \$3.50.

### Volume Fifty Presents Anniversary Supplement

In the belief that the "Fifty Year Issue" of THE TECH, published especially for the banquet last evening to commemorate a half century of news service, will prove of interest to the student body as a whole, Volume L presents this as a special supplement in today's issue. As is mentioned in this special issue, each article is not to be considered a definite statement of the policies of the volume which it represents. They were selected for their entertaining value only.

### Big Event of Dorm Social Season Will Start Second Term

Formal Dinner With Speech  
By President Compton To  
Precede Dancing

Friday, the thirteenth, has a forboding significance to all superstitiously inclined persons, but none of the old beliefs seem to linger about Technology, for on that ill-famed night in February, the eve of St. Valentine's Day, the Dormitory men are holding a formal dinner and dance in the Main Hall of Walker Memorial.

As only part of the costs are being paid out of the admission charge the dorm men alone will be allowed to attend. Ruby Newman, in person with a ten piece band will furnish the music for the dancing and the plans for the occasion are rumored to rival those of the Junior Prom.

#### President Compton to Speak

A seven course steak dinner will be served starting at 7:30 o'clock. Harold P. Champlain '31, president of the Senior Class will be toastmaster and will introduce President Karl T. Compton and two other speakers whose names will be announced at a later date. After the dinner there will be a reception for the President in the Trophy Room. Meanwhile the dance floor will be prepared and the orchestra will begin to play at ten o'clock.

Several alumni who gave money toward the building of the new and old Dormitories will be guests of the Dormitory Committee, and as some of these men probably have not had the opportunity to inspect the results of their gifts, the dormitories will observe open house.

Walker Memorial will be open for the occasion including the bowling alleys and the pool room, both of which will be free. Both Walker and the

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Now that exams haunt the waking hours and disturb the nights, the infirmity lists are growing and four out of five are contemplating suicide, but for an original method of self-extermination combined with slow torture, the Lounger has to hand it to Newhall and the D.U.'s! The fraternal halls are filled with the clash of steel on steel. It seems when Don and Gil quarrel (that is five times a day), they settle it in time honored fashion—stripped to the waist and with flashing swords. The battle ends with the first drop of blood. This keeps the contestants alive for the next day, and so they die very slowly.

The idea has its merits. If all differences of opinion were settled that way, the mortality among the faculty would be high. Lobby would be worn to a shadow of his now vigorous self, and the fencing team would graduate with all H's.

The army sure plays its politics At the Dorm Dance Major Ottosen and Capt. Atkinson were chaperones (with the Mrs., etc.) and having been invited by the committee promptly returned the favor by presenting the prize for the best costume to a committee member! Dirty work there says the Lounger. Tut Tut, Major, what nice? And as for you, Captain surprised!

The Lounger hears that the squas  
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# THAYER, ELLIS, FLEMING AND BARKER TO MANAGE VOLUME LI OF THE TECH

## Managing Board, Volume LI



Stuart R. Fleming



Charles M. Thayer



William H. Barker



Addison S. Ellis

## ANNUAL BANQUET HELD LAST NIGHT IN RITZ CARLTON

John Bakeless, Editor of the  
"Living Age" Was Speaker  
Of Evening

### FORMER BOARDS ATTEND

At the annual elections banquet of the Combined Boards and Staff of THE TECH held last evening in the Colonial Suite of the Ritz Carlton Hotel, Gilbert M. Roddy '31, General Manager of Volume L, and toastmaster for the occasion, announced the following elections to the Managing Board of Volume LI: Charles M. Thayer '32, General Manager; Addison S. Ellis '32, Editor; Stuart R. Fleming '32, Managing Editor; and William H. Barker '32, Business Manager.

John Bakeless, Editor of "The Living Age" and the speaker of the evening, delivered an address on the "Revolutionary Movement in Macedonia." The topic was more thrilling and interesting than it sounds as it dealt with the activities of the special police and agents in that country and was liberally interspersed with personal incidents of a highly amusing and entertaining character.

Since this banquet marked the conclusion of Volume L and of 50 years of service by THE TECH, various managing board members for the past fifty volumes attended and spoke briefly on the activities of the paper when they attended the Institute. President Karl T. Compton and Dr. Samuel W. Stratton also delivered short addresses.

Thayer, General Manager-elect, of Winona Lake, Indiana, prepared at the Warsaw High School, being graduated in 1927. He entered Williams College in the class of 1931 and attended for two years, being active in the business department of the Williams College Record and in track and wrestling.

#### Ellis Elected Editor

In the fall of 1929, he transferred to Technology, entering in Course I-3 in the Class of 1932. He entered into competition in the Business Department of THE TECH and last year was elected Business Service Manager for Volume L. He is a member of Stylus and Delta Upsilon fraternity.

Editor-elect ELLIS, of Kingston, Penna., was graduated in 1928 from Wyoming Seminary, where he was active on the school paper and yearbook. He entered the Institute the following fall in Course XV-2 and was a member of the freshman Field Day relay team and the Advertising Department of THE TECH. He entered into competition for Features Editor and later was elected to that position. He is a member of Quadrangle Club, Beaver Club, Stylus, Beaver Key Society, and Phi Kappa Sigma fraternity.

#### Fleming, Managing Editor

Fleming, newly-elected Managing Editor, comes from West Orange, N. J. He was graduated in 1928 from West Orange High School where he served three years as class president and was active in football and basketball. He entered the Institute the following fall in Course XVII and was active during the first year in cross country and track. He later worked on THE TECH as reporter, news writer, and last year was elected New Editor for Volume L. He is president of Stylus, and a member of the Student Curriculum Committee and of Sigma Nu fraternity.

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### Frosh! Signup For P.T. Substitution Tomorrow

All freshmen desiring to substitute a sport in place of P. T. 2 for next term must sign up in H. P. McCarthy's office on the third floor of Walker Memorial before 12 o'clock tomorrow. This rule applies to all sports.

## Sixty Tons of Coal Per Day Used In Heating and Lighting Technology

Power House Costs \$302,000  
Per Year; Employs Only  
Fifteen

As one sits and studies in a well heated and well lighted room or works in a laboratory with direct and alternating current no thought is given to the source of this comfort and power. But behind it all lies a well regulated and efficient institution situated across Vassar street from the Automotive Laboratory, the building with the conspicuous smoke stack and fire nozzle on the roof, the Power House. In an interview with Albert S. Smith better known as "Major" Smith, the Superintendent of Buildings and Power, and in a trip through the plant with his assistant, the inside story of this service was obtained.

It might be well to start at the beginning and take up the potential power that supplies the energy, the coal. Semi-bituminous coal is received in freight cars and dumped on a belt conveyor which leads the lumps into a crusher making them all of a uniform size, just a bit coarser than a powder. From forty to sixty tons are consumed daily depending on the weather. In the next operation it is conveyed by buckets into a bunker in the very top of the building. This holds enough crushed coal for three days steady running. Fuel is distributed to the mechanical distributors by means of a movable distrib-

utor which is fed from the main bunker and which is operated for all four boilers by one man only.

Water is supplied to the boilers by means of a circular system. The dead steam is used again after it has done its work, but even then each day it is necessary to take from the city main 40,000 cubic feet of water. If for any reason the Cambridge supply should run dry there is a four day supply in the reservoir in the basement of building 43, next to the Power House. The steam that is necessarily lost is not wasted but made to do some useful work in pre-heating the cold city water before it is used in the boilers.

Four Babcock and Wilcocks boilers, three large ones and one smaller one that is held for an emergency are used to generate steam at a pressure of 175 pounds per square inch. There is a forced draft system with air being blown through the fire and also up the stack. Automatic stokers push in the fresh coal at just the right speed so that when it reaches the ash pit a maximum amount of heat has been extracted. To look at the fire it is necessary to employ a colored glass because of the intensity of the flame. All that can be seen is one blindingly red glow of the mass of coal with flames shooting up six or eight feet. If the heat becomes too great the fire brick lining of the walls will melt and the temperatures have to be carefully watched.

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