

NOMINATIONS  
DUE  
THURSDAY

NOMINATIONS  
DUE  
THURSDAY

Volume LIV. No. 40

CAMBRIDGE, MASS., TUESDAY, OCTOBER 30, 1934

Price Three Cents

## INSTITUTE BLAMED FOR UNEMPLOYMENT BY PRES. COMPTON

Speaks At 5:15 Political Rally With Ex-Mayor Curley Of Boston

## LEWIS, CANDIDATE FOR GOVERNOR, ALSO SPEAKS

Judge Miles Speaks For Bacon; Says Issue Between Men, Not Parties

"The Massachusetts Institute of Technology, and the similar institutions which have increased technological unemployment should emphasize the factors leading to the correction of this situation," declared President Karl T. Compton opening his speech at the political rally held by the 5:15 Club last night in Room 5-330.

"Platforms, candidates, and opinions differ," he said "and their merits are not things which can be decided by mathematical formulae. The success of the democratic form of government depends on the people's interest in the affairs of the government, and in their exercise of the right of the franchise. A democracy is based on the assumption that the majority should rule—

(Continued on Page 5)

## MANUFACTURE OF ARMS SUBJECT OF DEBATE

Meeting of Debating Society Is Next Thursday

A debate on the topic that "the state should have a monopoly on the manufacture of arms and munitions" will feature the meeting of the Debating Society on Thursday, November 5, at 5:15 o'clock in the West Lounge of Walker Memorial. Two speakers will uphold each side of the discussion after which an open forum will take place.

Debates with other colleges, both freshman and Varsity are being arranged. The schedule thus far is: December 7, Freshmen teams, Holy Cross at Tech; December 14, Varsity, Middlebury College at Tech.

## COACH OSCAR HEDLUND QUALIFIES AS EXPERT

If Coach Oscar Hedlund could make race horse selections as well as he predicted the Field Day results he would not have to coach much longer. Hedlund dropped into THE TECH office last Thursday and was asked how he thought Field Day would end. Well, he took out a pencil, wrote down the five events, the points they were worth, and whom he thought would win them. His score sheet showed the frosh winning only crew and the glove fight, giving the Sophomores a 9-4 victory. Friday each event was won exactly as Hedlund predicted.

## MENORAH SOCIETY HEARS BRASLAVSKY

Jewish Symphony Leader Talks On Composers; Madison Quartet Plays

With Professor Braslavsky, conductor of the Jewish Symphony Orchestra as feature speaker, and a concert by the Madison Quartet, the M. I. T. Menorah Society was host to members of its Intercollegiate chapter at a concert and tea held last Sunday at the Felix Fox School, 403 Marlboro St., Boston.

Professor Braslavsky spoke of the great Jewish composers—Mendelssohn, Rubenstein, and Bloch—illustrating his points at the piano. Deploing the absence of men at the concert and complimenting the women on their interest in music, he suggested that music should play a larger part in the activities of the college students.

The Madison Quartet included the following selections in their program: Double Concerto in D minor (2 violins) .....Bach  
Play Gypsy, Play, from operetta Countess Maritza .....Kalman  
Ballad in G minor (piano solo).....Chopin  
Hungarian Dance No. 5.....Brahms  
Brindisi (violin solo) .....Alard  
Thoroughly satisfied with the success of this concert, the Menorah Society is contemplating sponsoring a similar one in the near future. In addition, an unusually large program of activities has been planned to supplement the club's regular functions.

## MAY SIGN BUT ONE NOMINATION BLANK FOR EACH OFFICE

Committee On Elections Will Discard Names Of Sponsors Who Disobey This Rule

## BLANKS DUE THURSDAY

During nominations for the coming elections, a man may sign his name to only one nomination blank for each office available. For example, a freshman may sign one presidential nomination blank, one for vice-president, one for secretary-treasurer, and two for representatives to the Institute Committee. A Junior may sign five blanks for the Prom Committee.

All blanks are due in Room 10-100 at 1:00 P. M. Thursday. Nominations for freshman class officers need at least 25 signatures. Five names are needed to nominate each member of the Prom Committee.

If the Elections Committee finds signatures by the same person for more than one man for the same office, that name must be disqualified from each nomination.

The elections will be held Wednesday, November 7.

## ALPHA KAPPA PHI HOUSE IS ROBBED

Mid-day Burglars Get Away With Typewriters, Jewelry, And Cash

Two typewriters, a gold watch, a pair of gold cuff-links, a fountain pen, and \$3 in cash were stolen yesterday from the Alpha Kappa Phi house on Thorndike St. The robbery is believed to have taken place between 10 A. M. and 1:15 P. M. since, between these times, the members of the fraternity were away at school.

The only clue in connection with the theft is that a young fellow, giving the name of "Bob White", called at the house Saturday, claiming to know two members of the frat, who were not in. He was shown over the house and soon left. Everyone at the house, however, disclaims any knowledge of such a person. It is thought that he took this opportunity to familiarize himself with the layout of the house.

## PHOTOS OF ANTI-HANFY DOMONSTRATION SHOWN AT MEETING OF N. S. L.

Move Made To Oppose Serving Of Sentences Against Those Jailed

Demonstration last year against the presence of Ernst Hanfstaengel, Hitler propaganda agent, in Harvard, was discussed by Mr. Robert Kennigott, '34, Technology member of the National Student League, at a meeting of the League last night. Pictures taken at the event were shown.

Harvard and Technology students and Cambridge and Boston workers were arrested and sentenced to 30 days in jail. Six of these who appealed their cases were finally sentenced to six months of labor and fines. Joseph Dauber, '34, is among those imprisoned.

There are movements at Harvard and Technology led by prominent lawyers and professors to oppose the action of Judge James, Kennigott told the audience. Through the influence of faculty and student opinion it is hoped the sentences will be revoked.

# Sophs Win Field Day After Losing Initial Skirmish; Score 9-4

## Dedicating the Field House



Dr. Allen Winter Rowe

## MANY VIEW BATTLE

Compton, Rowe, and Stockmayer Speak At Dedication Of New Field House

## GLOVE FIGHT AND CREW RACE GO TO FRESHMEN

Freshmen Greatly Outnumber Sophs In Glove And Egg Fights

Coming from behind after losing the crew race in the morning, three smoothly functioning Sophomore teams swept over the freshmen to gain nine points and insure a Sophomore victory in the annual Field Day contest last Friday afternoon on Tech Field. The Sophomore victories were in the relay race, tug-of-war, and football game.

Although the final score was 9-4 in favor of the Class of 1937, the freshmen gained some revenge by winning the glove fight, with a total of 129 gloves. The Sophomores gathered 107 of their opponents' gloves, but the marshals detected six of the '37 men hiding their own gloves, and deducted thirty from the Sophomore total, making the final glove fight score 129-77.

## Freshmen Win Egg Fight

The freshmen won an unofficial victory in the egg and vegetable fight, which took place intermittently behind the temporary stands near the rifle range. Not only were there several times as many freshmen as Sophomores, but the yearlings had much more ammunition than their opponents, especially in the number of eggs.

This superiority was clearly shown when the freshmen, behind a barrage of eggs, tomatoes, and other missiles, drove the Sophomores, who were practically devoid of ammunition, back as far as the dormitory parking space. The first-year men succeeded in capturing a barrel of Sophomore fish in this sortie.

## BOOS WILL LECTURE TO CHEMICAL SOCIETY

Dr. William Boos, toxicologist, will speak at the Chemical Society meeting tonight in the Forest Jewett Moore room on the third floor of Building Six. He will speak from his many personal experiences and from cases where he has been called as an expert by the court.

Anyone desiring to enroll in the society may have a chance at this meeting. Men in the dormitories may do so by seeing William L. Abramowitz, '35, in Hayden 110. Sandwiches, cookies and cocoa will be served. There will be the usual book raffle.

## DRAMASHOP PLAY TICKETS ON SALE

"The Tavern" Admission Price Has Been Reduced From \$1.00 To 75 Cents

Tickets for the Dramashop's fall production of George M. Cohan's two act comedy "The Tavern" are now on sale by all members of the cast or management and in Room 2-176. The price of the tickets has been reduced from \$1.00 which was the price last year to 75c.

The play is under the direction of Mr. Robert A. Hentschel, '33, a graduate student at the Institute and now an assistant in metallurgy. Mr. Hentschel was active in dramatics at the Ridgewood, N. J. High School. He has participated in Dramashop productions for the past four years. Last summer he was stage manager and electrician at an Oteora, N. Y. summer theatre. As former General Manager of Dramashop he revised the constitution and organization of Dramashop. Mr. Harrison S. Woodman, '37, is General Manager of Dramashop.

## Calculating Machine for Solution of Simultaneous Equations Invented Here

Dr. John B. Wilbur, of Civil Engineering Department, Designs Device; Model Completed Last Saturday

Completion of an experimental model of what is believed to be the first mechanical calculating machine for the solution of simultaneous equations was announced at the Institute last Saturday. The device was designed by Dr. John B. Wilbur of the department of civil engineering under the direction of Dr. Vannevar Bush,

vice-president of the Institute. It represents a new step in Technology's program of developing mechanical devices for the solution of mathematical problems.

The significance of Dr. Wilbur's machine is indicated by the fact that the labor involved in the solution of large numbers of simultaneous equations has stood in the way of engineers in their analysis of many important problems. The rapid solution of such equations will provide engineers with a practical tool for the solution

(Continued from Page 5)

"So I Ain't So Tough, Eh?"





Vol. LIV OCTOBER 30, 1934 No. 40

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MANAGING BOARD

General Manager—Room 3, Walker Memorial, Cambridge, Mass. John D. Hossfeld, '35  
Editor Paul Cohen, '35  
Managing Editor Hamilton H. Dow, '35  
Business Manager John D. Loomis, '35

EDITORIAL BOARD

Phoenix N. Dangel, '35 Perry H. Ware, '35  
Milton B. Dobrin, '36

ASSOCIATE BOARD

Assistant Editors

Anton E. Hittl, '36 Ralph D. Morrison, Jr., '37  
August V. Mackro, '36 Richard L. Odiorne, '36  
Robert J. Marks, '36 Francis S. Peterson, '36  
Harry N. Tichnor, '36

Business Associates

Elwood H. Koontz, '35 Benjamin B. Dayton, '36  
Robert F. Driscoll, '35 James F. Notman, '35

Staff Writers

Arthur A. Carota, '36 Charles J. Rife, '36  
Jackson H. Cook, '36 Charles W. Smith, '35  
Louis C. Young, '36 Francis H. Lessard, '36  
Associate Advertising Manager: Oscar A. Fick, Jr., '36

OFFICES OF THE TECH

News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.  
Telephone, University 7029  
Business—Room 302, Walker  
Telephone, University 7415

SUBSCRIPTION, \$1.50 Per Year

Published every Tuesday and Friday during the College year,  
except during College vacation  
Entered as Second Class Matter at the Boston Post Office  
Member Eastern Intercollegiate Newspaper Association

HEN TRACKS

THE TYPEWRITER'S FACE

THE primary goal of machine civilization is to make materials useful. Utility first and beauty second has been the order of progress of mechanical technique. Designers have long been at work in the decorative arts improving the character of advertising calligraphy and style, but one of the atrocities of our present culture, the typewriter, has been neglected.

The typewriter that speeds up the production of the written word three-fold, the typewriter that bangs incessantly in the news-rooms of papers the world over, the typewriter that has become man's chief tool in transferring human thought into ink and paper and has been the medium through which flow noble, beautiful, inspiring ideas produces an illegible affront to the human eye. The only printed page that is harder to read than neostyle, the photographically reproduced copies of typewriter copy used recently in textbooks, is the financial page of a newspaper set in six point type.

But the typewriter as a mechanical time-saving device is not to blame. It has become an integral part of a motor-driven society and has greatly reduced the burden on human shoulders especially the shoulders of those whose job is writing and those who must read. The greater part of the benefit has thus far gone to the writer, who can bang out one thousand words per hour without getting writer's cramp. But the report-reader, the letter-reader, and the owner of a neostyle textbook are obliged to wade through the ugly stream of awkward letters for hours at a time.

Some persons will dismiss this criticism of the typewriter's type face as unworthy of consideration. But let their eyes run skimming over a page of twelve point Garamond type, and it is safe to state that they will heartily agree that the improvement of modern type faces is a noble cause. Recent books have made use of the exemplary work of contemporary German and American designers, the typewriter being for the most part forgotten. It is encouraging to note that a famous type-designer is now in the employ of a large typewriter manufacturer. It will be more encouraging if more concerted effort is made in this long-neglected field.

The typewriter has already had effects on the handwriting of those fortunate ones who can use the devilish system of hammers to facilitate the production of the printed word. Handwriting has gone through various stages from what one American has called the "Spencerian fancy skating of our forefathers" to the "hen-tracks" of the modern business man that "belie any interdependence between hand and head." Users of the typewriter have dropped the plume to assume the keys, and consequent unfamiliarity with pen and ink has resulted in the deterioration of the "written" word. Handwriting will never be entirely abandoned. But as the typewriter becomes more widely used, longhand will be thrust into the discard. We have neglected handwriting overlong. Now that it is in its decadence, let us not neglect the typewriter's face.

REST FOR THE WEARY

A FRESHMAN-COMMONS ROOM

THERE has always been a distinct shortage of facilities at Technology for lounging and relaxation during free hours. While co-eds have the Margaret Cheney Room and graduate students in the pure sciences have the Moore room for this purpose, the majority of students have no place to rest or indulge in leisurely conversation except the halls of Walker Memorial.

While most of us can endure this privation without undue suffering, it would be especially desirable for the freshmen to have a lounging place or commons room of their own. Here they could more easily become acquainted with each other in the difficult early months of the school year and could find surcease from the forbidding austerity of the long factory-like halls and the sepulchral classrooms. All that is needed is a suitable room located in the main buildings, with a few easy chairs and sofas, some books and magazines, and perhaps a radio or victrola, to create a more home-like atmosphere for the new students.

It so happens that there is a room in Building Two, where most of the freshmen's classes meet, which would be ideal for this purpose and which is now being used for nothing at all, a deplorable waste of some 3000 square feet of floor space. The room is 2-390, a large, spacious chamber which, up to last year was maintained as a branch library for the Division of General Studies but which was closed on account of curtailment in the library expenditures. The room is well-lighted and has a ceiling almost twice as high as any of the other rooms of the building. All that is needed is some furniture to transform it from a useless expanse of empty floor area to a needed commons room for the freshman class.

THE MONKEY'S PAW

F.E.R.A. WAGE REDUCTIONS

AMONG measures instituted by the present government for the relief of a nation whose living standard had been badly hit by an unprecedented industrial depression was the Federal Emergency Relief Administration. Provision was made to aid needy students who otherwise could not attend institutions of higher learning. This is as useful a type of subsidy as can be found for it creates a larger store of trained men than would otherwise be available, with resulting benefit to the community.

As long as present wages and unemployment conditions exist, we consider that any act stopping aid to needy students would be unwise. However, objections which have been raised to policies of the FERA administrators are even more unwise because they are based on insufficient grounds and imperil the whole system.

The M. I. T. chapter of the National Students League has stated that it will attempt to organize all FERA workers on the campus in order to protest against a recent 25% "wage" reduction bringing the rate down to thirty cents per hour. This reduction was ordered by the administrators of the FERA and did not originate from Institute authorities.

The maximum amount allowed to each student remains the same, but to get it a student must work longer hours. To a certain extent, the new ruling makes money available to a larger number of students than before.

The N. S. L. claims that for work of such a skilled nature as these students do, a higher rate should be paid, that students work too hard for their monthly allowance.

It occurs to this paper that many of the jobs now held by FERA students would not be available were it not for the funds provided by the government, that were students to obtain outside work on their own hook they would receive little if any more per hour, that the money provided by the FERA does not belong by right to these students, but in plain language is considerably of a gift.

It is doubtful whether The National Students League will receive much backing from FERA workers here for most of them know the tale of the monkey who saw a jar full of nuts, and in his eagerness to obtain all he could grabbed so large a handful that he could not withdraw his hand from the container. It is not in the nature of man to jeopardize the certainty of thirty cents an hour for the very problematic possibility of forty cents an hour and perhaps no job.

An added indication that this protest movement will receive its strongest opposition from the FERA students themselves is indicated by the attendance at the last N.S.L. meeting which was exactly six.

Away From The Grind . . .

Editor's Note: "Away from the Grind" is a column devoted to Fraternity activity, and will be published every Tuesday. Information will be gratefully received in Room 3, Walker Memorial, or at University 7029.

Fraternity social events assumed a mixed aspect during the last week-end. Besides the usual formal dances a beer party and a costume ball were on the docket. Attendance of the Faculty reached a new high.

No. 6 Club on Saturday evening held a satisfying beer party at which the amber fluid shared prominence with pretzels. Dean Lobdell, Bursar Rhind, and Professors Schell, Wiener, and Elder quaffed and chatted, adding congeniality to the occasion. Boxing coach Tommy Rawson assured the party of success.

The Phi Gamma Delta dance, Friday evening, was honored by the presence, for a short time, of Dr. and Mrs. Compton. Ed. Murphy and his orchestra from Worcester furnished the music with untiring continuity.

Theta Delta Chi inaugurated a new bar and game room at a dance Saturday evening. The orchestra (Ken Reeve's) was the best the house has ever had.

The gobs and gobs or people who attended the S. A. E. sailor dance were rather disappointed with the musical attempts of the Ambassadors from Dartmouth. Fortunately, besides dancing, there were other diversions. A gang-plank covered the conventional cement approach to the ship and nautical sketches covered the walls. Promiscuously strewn about were anchors, fish nets, and life preservers. Add to this a stuffed diving suit and the result is a particularly briny atmosphere.

In next Tuesday's column: accounts of the Phi Sig and Deke dances.

PROBABILITY THEORY APPLIED TO BRIDGE DISCUSSED IN REVIEW

Suit Lengths and Distributions Shown Graphically In Article

The theory of probability as applied to bridge is very ably and clearly discussed in the article "Mathematics and Bridge", by L. F. Woodruff in the current issue of *Technology Review*. To inexperienced mathematicians and unversed bridge players, the discussion may become abstruse in parts, but the fact that one phase of calculations is required to determine an 11/23 chance of a finesse succeeding, will convince the reader of the almost inconceivable number of combinations that bridge experts carry in their minds in match play.

Adding to the now large volume of information about Faraday, the discoverer of electromagnetic induction, Mrs. Katherine Maynard, the Vail librarian, has assembled what is titled "a curious footnote" to the life of this great man. The pamphlets that provided a source of material for the article showed Faraday's severe denunciation of the scientific explanation of table-turning, a subject much discussed in Faraday's time.

A new column, "Bending Moments" that is promised to appear "occasionally" merits attention. The writers of the column who sign themselves the Quidnaunces have ably dealt with the decreasing number of bearded and mustachioed faculty members since 1900. The whole matter has been shown graphically on a table, figures for 1934 showing that only three per cent of the faculty is underbrushy.

The usual generous supply of exemplary photography is displayed in the current issue, with a variety of significant material in the "Trend of Affairs."

R. L. O.

UNDERGRADUATE NOTICE

Tickets for the Princeton game are held by the T. C. A. Seats in section 22 \$3.30; 20 and 40, \$1.65.



Field Day Sidelights:

The freshmen may have lost Field Day, but they evidently don't intend to take it lying down. We detected the following sentence in a story on Field Day submitted by one of our freshmen candidates. "The freshmen dashed forward . . . to capture a barrel of Sophomore fish." Now while the Sophomores might have lost a barrel of fish belonging to them, we doubt very much that it was a barrel of Sophomore fish. So we quietly revised the sentence to conform to Prof. Fasset's rules on libel.

Poor Fish

Speaking of that same barrel of fish, we happened to be near the scene of the fish-barrel skirmish at the time. The fish flew fast and furious, the greater part coming to rest on an automobile in the dorm parking space. The scene of battle shifted, and the Cambridge urchins as usual, staged an impromptu battle with the remaining fish, finally hitting on the idea of wiping the car with decayed pisces. They too drifted on, and lastly appeared the owner of the car, with his one and only clinging to his arm. They stopped, looked, and the young man uttered inarticulate gurgles. He finally dashed back to the dorms, reappearing with a pail of water. Fifteen minutes' work removed most of the fish, if not the smell, and with thoroughly dampened ardor and shirt sleeves, he assisted the fair damsel into his chariot and away they went with a final defiant clash of gears.

Minute Snapshots

A small darky thoughtfully nibbling at one of the dilapidated tomatoes . . . Freshmen and Sophs joining forces to gang upon a town hoodlum for throwing stones. . . . A dear old lady gingerly picking her way through the previously mentioned mess of fish. . . . The spectators scurrying for shelter as the egg fight shifts in their direction. . . . The Cambridge urchins crying "Come on you freshman" as the Soph relay man passes them. . . . The unfortunate participants in the Glove Fight finding themselves all ready to enter a nudist colony, and thereby giving the feminine part of the spectators a thrill.

Love Among the Milk Wagons

One of our contributors living in the dormitories offers us the following proof that love is independent of situation, condition, or environment. This is contrary to the theories of many persons who spend dance nights in Walker Lounge.

"We got up at seven-thirty the other morning for the first time in positively years. Had to run an eight o'clock errand. So we hauled our frame out of bed, yawned ever so slightly, and stretched. As we glanced out of the window to determine the nature of the weather, what should we see parked in the street below, but two milk wagons. They happened to be those of Messrs. Whiting and Hood and were facing each other on the same side of the street. We blinked our eyes for a moment, just to make sure we were awake, but it was true. Life, perhaps, is not the sordid sequence of events that we often think it. The two horses were making eyes at one another."

STAGE and SCREEN

"Success Story", second of the Group Theater plays is now showing at the Majestic. It is the story of Sol Ginsberg, dynamically portrayed by Luther Adler, who begins work for Raymond Merritt at \$25 per, and who ends up by buying his former employer out of the business. Sol does not find happiness in his great wealth, as he thought he would, and even the acquisition of Merritt's former mistress as his wife fails to bring what he seeks.

Sarah Glassman, Miss Stella Adler, who originally placed Ginsberg in his position with Merritt, takes it on the (Continued on Page 6)

**CO-EDGEWISE**

It has come to the ears of the powers that be that the co-eds were generally criticized for their lack of school spirit in not participating in the annual melee that characterizes the bitter-sweet rivalry between the classes. By none let it be supposed that there is any truth in this rumor; for in the hallowed sanctity of the Margaret Cheney Room, high-lights of history are made, while all un-awares our less privileged brothers go on their dreary way little knowing what they are missing.

A combined wrestling and boxing match between the freshmen and the Sophomore co-eds was a fitting climax to the exciting Field Day glove fight. The crisis was precipitated by

**LEARY WILL ADDRESS CORPORATION XV ON INDUSTRIAL POISONS**

**Business Society Plans Series Of Informal Addresses By Famous Men**

Dr. Timothy Leary, the medical director and examiner for the Boston Southern District, will give a thirty minute talk at 5:00 o'clock Wednesday in Room 1-190 on his experiences with industrial poisonings in the light of a lifetime of study in this connection, in the first of a series of informal addresses by men of established reputation in the fields of science and business under the auspices of Corporation XV.

Dr. Leary's contact for many years in Boston with cases of industrial malpractice regarding working conditions together with his recommendations for reform have given him an outstanding reputation. He intends to discuss the cases of industrial poisonings that have actually come to his attention, and his descriptions and references will be from his own experiences.

freshwomen who flatly refused to do an errand unless requested courteously. Theoretically the freshman was dust, the Sophomores having won Field Day. For this rank insubordination the Sophomore proceeded to chastise the little freshman, and would, it is to be feared, have made short work of it had not the female Max Baer of the freshman class taken up the fight in the stead of her weaker sister.

The new contestants, much more evenly matched, rolled about on the

**Glove Fight Mixup**



A group of combatants demonstrating the approved chiropractic method of removing a glove from a recalcitrant opponent.

floor in extremely undignified positions, much to the dismay of those older sisters who have been trying to teach us be ladies. However, there was none of the biting, kicking, and clawing that is usually characteristic of feminine encounters. At first the fight went in favor of the Sophomore but eventually the freshman, with a great effort, pinned the struggling Sophomore to the floor. However, when the disapproval of the more respected and awful seniors became quite too apparent both the freshman and Sophomore, in all meekness and humility, discontinued the charivari.

**EXCHANGE PROFESSOR FIFE GIVES OPINIONS ON LIFE OF TEACHER**

**Has Had Varied Experience At Ohio State and Miami University**

"Treat me gently!" Those were the last words I heard as I stepped outside the office of Professor John P. Fife. The exchange professor from Stevens Tech, Professor Fife, has, for this year, swapped places with Professor William Greene of Technology's English Department. It seemed strange for a member of the faculty to speak so to an undergraduate, but then, Professor Fife is nothing if not natural with his students. Perhaps that is the reason he is already so well-liked.

Professor Fife thinks highly of the idea of occasionally exchanging places with someone in a different university. It keeps him out of a rut, he claims, and adds much interest to his work. He has been teaching English at Stevens for the past five years, and five years in succession without a change of scene is conducive to lethargy. Besides, the opportunity to compare the methods of teaching there and here is invaluable, he continued. At Stevens, he said, the English department has expanded into the Department of Humanities, which includes those studies classified at the Institute as English, History and General Studies. Conference hours at Stevens, he said, continue throughout the entire four-year college period, rather than for only the first two.

When asked what he thought of the Institute, Professor Fife admitted he had no very original thoughts on the subject, and said that even if he did

he did not consider them of interest. "After all," he said, "there is nothing very startling I can say." He did mention, however, that he is enjoying himself very much. The most interesting part of his work, he feels, and the most important, is the personal contacts made with the students, and the opportunity to contact students from a different part of the country from the one to which he has been accustomed adds much to his enjoyment.

The environment of Cambridge is not new to him. After he graduated from Yale in 1920 he took his master's degree at Harvard, and lived 3 years in Cambridge. His teaching assignments have been in many different sections of the country. Ohio State, Columbus, Miami University, and Oxford, Ohio, as well as Hoboken and Cambridge, have claimed him for a time. He lives at present with his wife just across the river on Marlborough Street.

**Walton Lunch Co.**  
Morning, Noon and Night  
You will find All Tech at  
78 Massachusetts Avenue  
CAMBRIDGE

---

**QUICK SERVICE**  
APPETIZING FOOD  
POPULAR PRICES

*Quality First Always*  
**THAT'S WALTON'S**

---

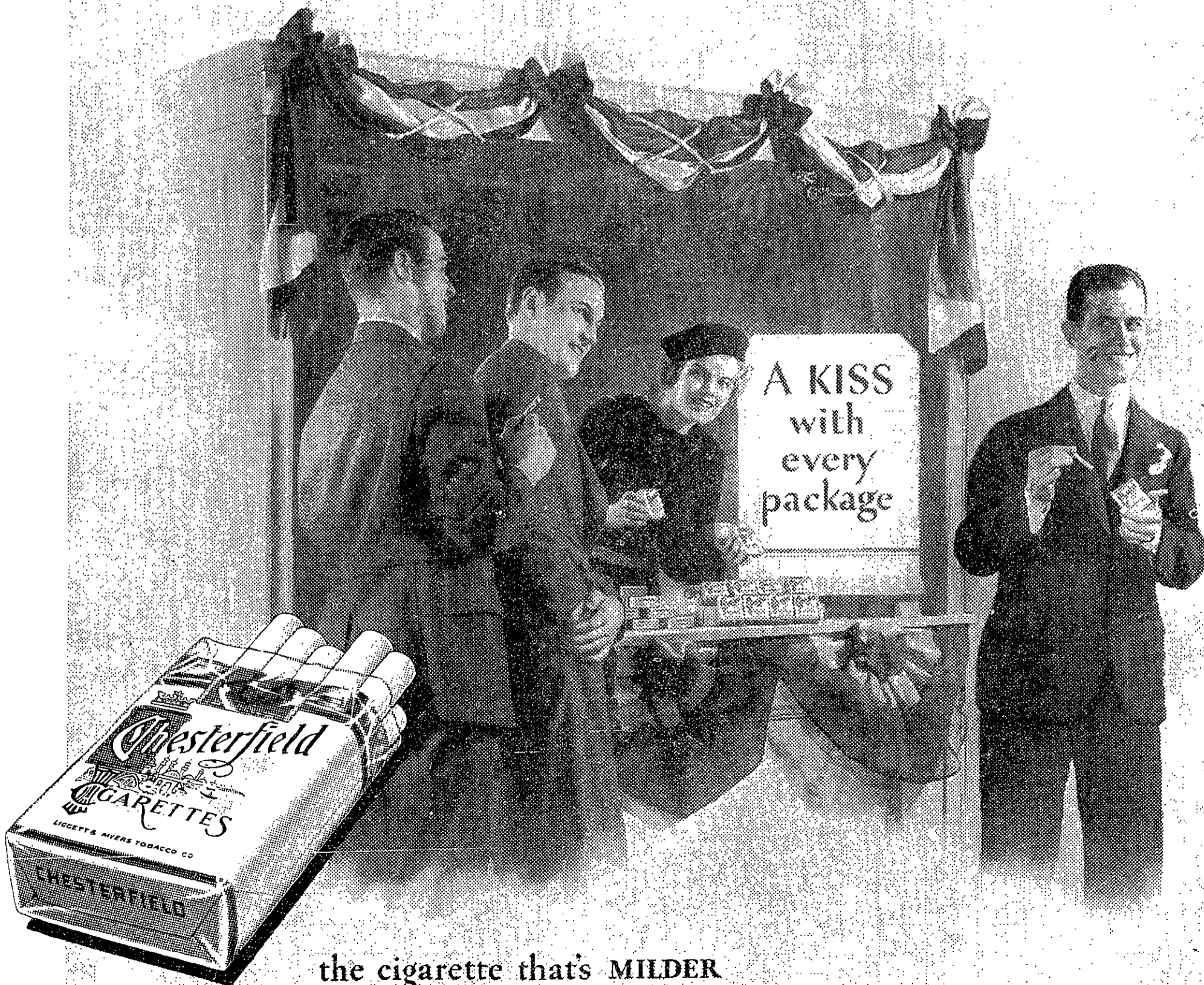
1080 Boylston Street  
Convenient to Fraternity Men

**Boit, Dalton, Church & Hamilton**  
89 BROAD STREET  
BOSTON

✻

**INSURANCE OF ALL KINDS**

*—and the boys smoked them  
—and the girls raked in the nickels and the dimes  
—and they sang "a hot time in the old town"*



**the cigarette that's Milder  
the cigarette that Tastes Better**

## TWO YEAR SCORING LULL IS BROKEN

Soccer Eleven At Last Scores; Freshman Schedule Is Cancelled

Breaking into the scoring column but still not quite strong enough to defeat its opponent, the varsity soccer team has at last broken a jinx which followed the team throughout all of last season and threatened to do so again this year. A goal in the first period which kept the Tech team in the lead for nearly the first half of the game was the first score this team has registered in two seasons. Dartmouth managed to score two goals in the second period and two more later in the third period which caused the defeat of Tech 4 to 1, but the team has at last proved it can score. Now all the team needs is a victory and we can expect one any day with the spirit of the team raised a great deal in the last game.

It is not exactly known who scored the Beaver goal but both Cheng and Winiarski deserve credit for at last breaking the ice. Manager Hardman states that both men could have scored and there is a doubt as to which one actually did. The score raised the spirit of the team considerably and but for a few breaks, they would have scored several times more. In several instances, the ball bounded off the goal posts and other scores were missed by just this small margin. A continued show of the spirit showed in this game should soon have the soccer eleven one of the winning aggregations representing Technology.

The freshman soccer eleven has been disbanded and the entire first year schedule cancelled because of the failure of the first year class to support this team. The Technology lineup for the Dartmouth game was as follows:

Gray, g.  
Forsburg, r.f.b.  
J. Hamilton, l.f.b.  
Bemis, r.h.b.  
Essley, c.h.  
Allen, l.h.b.  
A. Hamilton, o.r.  
Cheng, i.l.  
Waxman, c.f.  
Winiarski, i.r.  
Blanton, o.l.

Substitutes: Kron, Terry, Sherburne, and Wojtczak.

## SOPHOMORES WIN GRIDIRON CONTEST

Superior Experience Defeats Fighting Freshman Team

Sophomore experience proved too much for the freshman football team last Friday: the latter were the losers by a 12-7 score. The Soph squad functioned smoothly from the opening play, while their rivals did not find themselves till the last half. It is not to be thought, however, that the game was a one-sided affair. The frosh gave the second year men a stiff battle up to the final whistle as shown by the fact that, with a few minutes to play the freshmen went right ahead and scored their only touchdown.

End runs were the chief source of gains for the Sophomore squad. Both their touchdowns were scored by sweeping end runs by Joe Heal, who was helped beautifully by his interference. Most of the second year squad's passes were completed to Jim Thompson whose height and long reach made it easy for him to jump up in the air and snare the ball. He played an exceptionally good game recovering three fumbles. Captain Brittenham, left tackle, also played a brilliant game. Jack Simpson and J. Webb did a good job in calling the signals and carrying the ball while Zemansky, left end, and the two guards, Cestoni and Bishop, played a good defensive game.

The outstanding freshman player was the left halfback, C. Shulman, who carried the ball time and time again for long gains. A. Chmielewski did a good job in calling the signals and kicking. It was a shame that the frosh did not use his kicking ability to a greater extent. It was also he who carried the ball over the goal in a center plunge after the ball had been

## When End Runs Scored Heavily



Sophomore Team in Action

## TWENTY MEN RESPOND TO BASKETBALL CALL

Four Veterans From Last Year's Team Report

In response to Coach McCarthy's call, about twenty upper classmen and thirty freshmen turned out for basketball practice yesterday. With Johnny Demo, Fletcher Thornton, Bill Garth and Freddie O'Brien, of last year's varsity and Jack Simpson, Win Gay, Jim Thompson and Walter Wojtczak, stars of last year's freshman team, as a nucleus, a good squad should be developed. The team will feel the loss of Captain-elect Kennedy, who transferred to Michigan.

The objective game on the schedule this year is Harvard. The Engineers defeated Harvard on its home court last year and are anxious to make it two in a row.

The freshman representation at practice was very satisfactory. Very little can be judged from the first practice session but it does appear as if there is some good material in the yearling ranks.

## SOPHS WIN TUG-OF-WAR IN TWO STRAIGHT PULLS

Weight and Perfect Timing Are The Deciding Factors

After practically conceding the first pull of the tug-of-war to the Sophomores in eighteen seconds, the first year men came back in the second tussle to hold their rivals for much over a minute. The heavier weight and the more polished work of the second year men was the telling factor in the result.

The first pull was a walkaway for the Sophomores, who dragged the freshmen over the line in eighteen seconds. The yearlings were anything but prepared when the gun went off and were no match for a team that worked with perfect timing and co-ordination showing the result of long hours of practice.

Although the Sophomores were confident of an easy victory in the second pull, the yearlings were determined to fight and it was only this that kept them in for a minute. Here again the lack of practice on the freshmen's side was shown when they failed to follow the counter in pulling but merely took the defensive and tried to hold their opponents. On the other hand, the Sophomores kept close to the ground and refused to give an inch, but the power was shown by the fact that a number of second year men fell exhausted when the final gun went off.

The committee in charge of the freshman military ball at the University of Minnesota plans to attach dance tickets to the necks of five white mice which will be released at strategic points on the campus.

The New Mexico Lobo says that a co-ed's heart is like a library book. You can keep both of them two weeks.

—Armour Tech News.

brought to within a few yards of a touchdown by a pass caught by Hier. Chmielewski then placed a drop-kick between the goal posts for an easy extra point. The whole frosh team played with spirit to the very last second.

## Season Basketball Schedule Announced

The basketball schedule as announced by Manager George Crumney yesterday is as follows:

- VARSITY**
- Dec. 8—Harvard, Here.
  - Dec. 13—Clarkson, Here.
  - Dec. 15—Vermont, Here.
  - Jan. 12—Lowell, Here.
  - Jan. 16—Tufts, Here.
  - Feb. 13—Clark, Here.
  - Feb. 16—N. Y. State, Away.
  - Feb. 15—Union, Away.
  - Feb. 20—Boston University, Here
  - Feb. 23—New Hampshire, Away
  - Feb. 27—Brown, Here.
- FRESHMEN**
- Dec. 8—Harvard, Here.
  - Dec. 15—Boy's Club, Here.
  - Jan. 12—Tabor, Here.
  - Jan. 16—Tufts, Here.
  - Jan. 19—Andover, Away.
  - Feb. 13—St. George's, Away.
  - Feb. 16—Dummer, Away.
  - Feb. 23—New Hampshire.
  - Feb. 27—Brown, Here.

## HANDICAP MEET FOR TRACK TEAM SATURDAY

Track men of the Institute of Technology will be introduced to a new type of meet when they compete in a blind handicap meet on Tech Field, Saturday afternoon, November 3. For every entry in each event a slip containing some handicap will be made out, and all the slips will be dropped in a hat. Just before the event each contestant will draw a handicap, and adjustments which these slips call for will be made. Naturally, it is possible that the fastest man might draw the largest handicap. Nevertheless, it is a novel idea, presenting a little variety. The six events, open to everyone, are 150 yd. dash, 2 mile run, ¼ mile run, 120 yd. low hurdles, shot put, hammer throw, and javelin throw.

In all the universities of Japan there are only 35 women students.

## CROSS COUNTRY TEAM FOURTH IN N. E. A. A. U.

Mort. Jenkins Leads Technology Contingent At Finish

Coach Oscar Hedlund was well satisfied with the showing of the varsity cross-country team in the New England A. A. U. meet held last Saturday, in which race the hill and dalers finished fourth out of five entrants.

There is more to the story than that, however, because the Tech runners were competing against four athletic clubs having older and more experienced runners, and because the race was run over a 6½ mile course instead of the 4 mile race to which the boys are accustomed. The fastest time was made by Mort Jenkins, who finished eighth, but all the team stood the added 2½ miles in great shape.

On Monday, November 5, both the Varsity and freshmen will race against Holy Cross, of Worcester at Franklin Park. Last Saturday the Frosh lost to Quincy High.

## COACHES WELL PLEASED WITH FRESHMAN CREWS

The Crews Will Be Taken Off The River This Week

Better times may be just around the corner for Tech as far as rowing goes. Both Frosh coaches seemed satisfied with the work of their crew which upset the Sophomore 150's on Field Day. Coach Nashner remarked that as far as rhythm and timing went, it was the best freshman crew which he had ever seen row, either in the spring or fall. The crew however, is by no means a finished product, and the frosh went right back to work Monday morning. They had intended to go out on the Charles, but the extreme cold at 7 A. M. forced them to work inside on the machines, as did the varsity. The Frosh will go off the river for good after this week, but Coach Haines has not announced his plans for the Varsity.

## BAD WEATHER HINDERS TENNIS TOURNAMENT

The tennis tournament has been dragging along slowly. Though the third round was scheduled for this week, ill weather and lack of interest have retarded its progress. The second round is now being completed. It will be necessary for the participants to play their matches immediately if the tournament is to be completed.

## UNDERGRADUATE NOTICE

Tickets for this Saturday's Harvard-Princeton game are on sale at the T. C. A. Office. The prices are \$3.30 for section 22 and \$1.65 for seats in sections 20 and 40.

## NORTH HALL SCENE OF FRIENDLY DINNER

Five Cabot Medals And Class Numerals Awarded To Sophomores

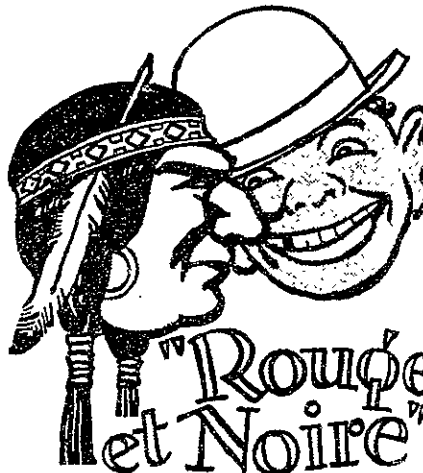
One hundred and seventeen undergraduates and members of the faculty, all of whom had taken an active part in Field Day, were guests of the M. I. T. Athletic Association at a dinner held in the North Hall of Walker Memorial last Friday evening. All the men present had played an active part in the day's events and were partially repaid for putting on one of the most successful Field Days ever held here in recent years.

In between the courses, Dr. Rockwell, member of the advisory council on athletics, acted as toastmaster and introduced the various speakers, among whom were Dr. Allen Rowe, that colorful personage who takes an active interest in all M. I. T. athletics, and Dean Lobdell. Both men commented briefly on the various events, and Dean Lobdell concluded his talk with the awarding of the five Cabot medals. These medals, given to five of last year's freshmen who made the greatest development physically during the course of their freshman years. These men were: Alec Fine, William Healey, George Mergerian, George Parker, and Daniel Hanlon.

Ed Brettingham, Captain of the Sophomore football team, was at the same time presented with the football for safe keeping.

## T. C. A. EXPRESSES THANKS

The T. C. A. wishes to take this opportunity to thank most sincerely all students who by their efforts or money or both aided in the T. C. A. Drive.



—as they say at the Beaux Arts—just plain Red and Black down on the farm—Brick Red and Black—in Higgins' American Drawing Inks. A great pair to draw to—or with. The sixteen Higgins' Colors give a full house that you can always bank on.



CHAS. M. HIGGINS & CO., Inc. 271 Ninth St. Brooklyn, N. Y.

**HIGGINS'**

American DRAWING INKS

**"I prefer Old Golds... and so does my throat" says Warren William**

See WARREN WILLIAM in his latest Warner Bros. Picture, "THE DRAGON MURDER CASE"

### GYM TEAM OUTLOOK GOOD STATES COACH

#### Championship Meets Are To Be Held In Technology Gym Near End Of Season

The coming season promises to be one of the most successful which the Tech gymnasts have had in many a season. Coach Hans Neudorf was extremely confident of having a successful season this year because of the excellent way the veterans have been performing and because of the number of promising freshmen who have come out for the team.

The number of veterans is in itself an encouraging sign; Jack Flaitz, veteran tumbler, high bar man and rope climber is back again; much to Tech's advantage. The team is made still stronger in tumbling by the presence of Emory G. Hukill, '37. Dick Lewis, star man on the parallel bars and rope climber is expected to bring home some honors for Technology. The team is especially strong on the horse because Harold Miller, '36 is back again. The two Benson boys, Robert E., '37 and William M., '36, wizards of the parallel bars and rings and the high bar are expected to fulfill the promise they have shown in the workouts. Motorn I. Weinberg, '33, ace of the high bar, is laid up temporarily with a sore shoulder, but his team mates expect him to more than hold up his end in the team competitions. It is hoped that Dave Werblen, '36, an excellent man on the parallel bars but superlative at the rope climb will once again conquer for the team. Roger Needham, '35, experienced ring man will be one of the reserve men that are so necessary in a pinch. The prospects of the team are further enriched by Ernest E. Van Ham, '35, the captain, winner of the N. E. A. A. U. Junior Championships in the flying rings. He is also an excellent tumbler and rope man.

The team has an important and difficult schedule ahead of it this year. However, all the meets except two, those with Princeton and Dartmouth, will be played at home. This, of course, is important because the men will be familiar with the apparatus and will feel more at their ease in their own gym. The Eastern Intercollegiate Championships, in which Army, Navy, Princeton, Temple, Springfield and others will compete. In addition to this feature, the Walker Memorial Gym will be the scene of the New England A. A. U. Championships, both Junior and Senior meets.

### CALCULATING MACHINE IS INVENTED HERE

(Continued from Page 1)

of many complex problems of design and holds prospects of facilitating important research in several fields.

One Thousand Pulleys in Model  
Complicated in appearance, the new machine reproduces mechanically, through a maze of pulleys and steel tapes, the mathematical conditions of the equations to be solved. Some idea of the intricacy of the device may be obtained from the fact that a second proposed model, already designed, calls for almost 1,000 ball bearing pulleys and over 500 feet of steel tape, although it will be only two feet wide, two and a half feet high, and seven feet long. A total of 110 vernier scales enable the setting of the various co-efficients and constants of 10 equations, while 10 more angular verniers enable the operator to read directly the solutions of the equations. When physical laws and forces are such that a number of relations must be fulfilled simultaneously, equations written by engineers to enable their analysis of such problems are often simultaneous in character. The design of complicated structures such as tall buildings which must resist wind and earthquake forces, and the adjustment of triangulation networks, which form a horizontal control for concise surveys, are two of the many examples of the type of problem which may be greatly aided by Dr. Wilbur's device.

As the number of simultaneous equations to be solved becomes large, the labor involved makes their solution cumbersome or even impractical. It is hoped that the further development of this machine will make prac-

### Finish of Relay



Eugene McClelland, '37

tical the use of methods which depend on the solution of a large number of simultaneous equations, which will give engineers more precise information as to the nature of their problems.

#### Interest Grew Out of Work in Structures

Dr. Wilbur's interest in a machine for the solution of simultaneous equations grew out of his work in structures and the analysis of stresses in building frames. Such analysis is complicated because the stress due to wind in each member depends upon the makeup of every column and girder in the entire framework. Because of this condition, an exact answer involves the solution of an extremely large number of simultaneous equations. To avoid this engineers usually resort to approximate methods.

Before the invention of this new calculating machine, Dr. Wilbur had done considerable work with these building stresses. He devised a new method of analysis which, while still approximate, gave more accurate results than those in use. The new machine will give exact results without the difficult and involved labor of hand solution.

#### Graduate of Institute

A graduate of the Institute in 1926, Dr. Wilbur received his master's degree in 1928 and his Doctor of Science degree in 1933. He has served as assistant and instructor in the department of Civil Engineering and last June his appointment to the position of Assistant Professor of Civil Engineering was announced. Besides his theoretical knowledge of structures, Professor Wilbur has had practical experience in the bridge engineering departments of the Maine Central and the New York Central Railroads.

### COMPTON, CURLEY, MILES, LEWIS, SPEAK AT RALLY

(Continued from Page 1)

and so majority rule must be made the wisest rule for the country."

Ex-Mayor James M. Curley of Boston was introduced by Gerald M. Golden, '35, President of the 5:15 Club, the presiding officer. Mr. Curley, speaking of his service as mayor of Boston, declared that, after weathering the economic disturbances of 1914 and 1922, he was able to bring Boston through this depression without the discharge of a single city employee, or any reductions in pay, until the Federal act made this necessary.

"It is America's duty," he said, "to vote for every Democratic name on the ballot, because no man labored more intelligently, or with greater diligence, to speed up the consumption of goods, and to bring about re-employment, than President Roosevelt—and no man was more hampered."

"To preserve the written Constitution, we must safeguard the physical. Massachusetts must fall in behind Roosevelt and demonstrate that the welfare of the people is most important."

Mr. Alfred Baker Lewis, the Socialist candidate for Governor, was the next speaker, and he devoted himself to an explanation of the principles for which the Socialist Party Stands.

"Capitalism won't work under a New Deal, or an Old Deal," he said, "since under that system, the employee is just an item of expense, as far as the employer is concerned." Mr. Lewis declared that in proportion as labor costs are cut, the power of consumption is likewise cut. Therefore the capitalistic system breaks down every 8 or 10 years.

Since the safety valve is jammed, Mr. Lewis proposed that we must now go forward to a Co-operative Economy. "We must run industries, not for the benefit of employers, but for the people."

Lieutenant-Governor Bacon was unavoidably detained, so Judge Franklin W. Miles of the Roxbury Court, the last speaker, spoke in his behalf. "I am not interested in the issues of petty politics," he said, "but I am interested in a square-shooter, a real man, Gaspar G. Bacon. The searchlight of inquiry can be turned on Gaspar Bacon without revealing anything unwholesome."

Judge Miles declared that the coming campaign is not an issue of the 'New Deal, the Old Deal, or the Mis-Deal, but a question as to whether you want Curley, ex-mayor of Boston, or Lieutenant-Governor Bacon, who has been in the State House for 10 years."

"Don't let them throw sand in your eyes!" he said, "There is much discussion of a New Deal, and an Old Deal, but the real issue is between Gaspar Bacon and James Curley."

88 of the 192 Rhodes scholars in 1933 were from the United States.

### SPORTS COMMENT

We have to hand it to Oscar Hedlund for his ability as a prophet. Not only did he pick the winner but also the correct score. On top of all this he named the victors in each event. Oscar ought to be able to do pretty well down at Narragansett.

That one-handed catch by Hier of the freshman team in the last period of the football game sure was a peach. It would have been a credit for anyone to have snared that pass. It seemed to us that the freshmen had the better forward passer but they didn't have anyone like Thomson on the receiving end. Thomson was jumping up and grabbing the ball out of a maze of interfering hands.

Congratulations to the soccer team! After nearly two years of patient effort the booters finally broke into the scoring column Saturday. Let's hope they don't experience another two years of goose-eggs before they put the ball between their opponents' goal-posts.

Walcott and Munroe will meet for the Indoor Baseball Championship of the Dorms some time this week. The date has not been set definitely yet, but there is a strong possibility that the contest will be staged Friday morning. It is an odd thing that Wood, after being very soundly trounced by Munroe in a league game, turned around and just as decisively drubbed Walcott in a practice contest between the two outfits. In all fairness to Walcott, however, it should be made known that all its first-string men didn't show up for the Wood encounter. Wood, in turn, looked like champion in that game.

*Insure Comfort at the Games - Wear*

## TOWER'S Fish Brand SLICKERS

*in Wet Weather!*

DEPENDABLE, stylish, roomy and giving full protection, TOWER'S Fish Brand Slickers are the national choice of the collegeman. Ask to see the popular "Varsity", "Topper" and "Kitcoat" styles.



Look for this Famous Label—



All Good Dealers Carry "Fish Brand"

**A. J. TOWER CO. BOSTON, MASS.**

*First Night*

OF A THOUSAND DELIGHTS

Lerman C. Prior presents **LARRY FUNK** AND HIS ORCHESTRA

Featuring

MURIEL SHERMAN \* ELIZABETH HOUSTON VAUGHN MUNROE \* DANNY HARDEN

A GALA NEW EPOCH IN THE HISTORY OF BOSTON NIGHT LIFE BEGINS AT THE


# Casino

ALL NEW HOTEL BRUNSWICK

NEW BODENHORN DECOR • NEW BAR • NEW ORGAN • NEW FRENCH CHEF • NEW LOUNGE


### ASTRONOMY

STARS AND NEBULAE ARE INCANDESCENT BODIES — THE STARS ARE GENERALLY SPHERICAL



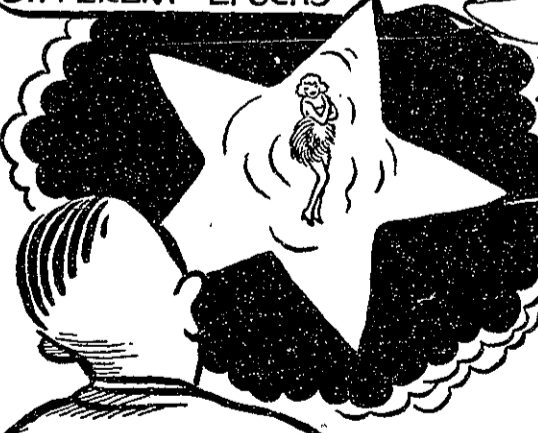
HELLO — EVERYBODY.

WE KNOW THAT THESE BODIES VARY A GREAT DEAL IN SIZE --- ETC., ETC.



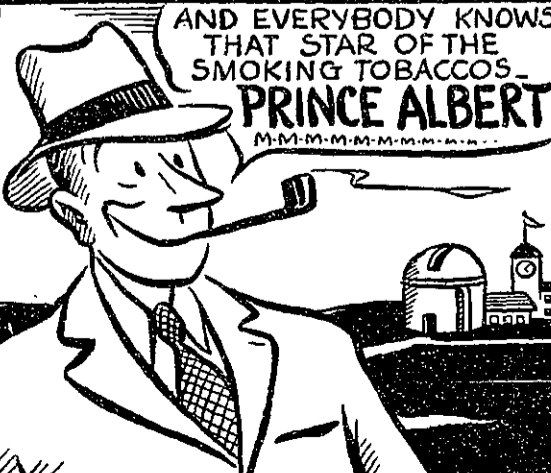
CHOW UP.

THE ONLY WAY TO DETERMINE THE MOTION OF A HEAVENLY BODY IS TO COMPARE ITS POSITION AT TWO DIFFERENT EPOCHS



### PIPE-ONOMY

AND EVERYBODY KNOWS THAT STAR OF THE SMOKING TOBACCOS — PRINCE ALBERT



## AFTER EVERY CLASS IT RINGS THE BELL!

IF YOUR PIPE unkindly bites your tongue, change to Prince Albert. "P.A." is blended by a special process which removes all trace of "bite." Try a tin yourself. You will like the mild, mellow flavor of the top-quality tobaccos. You will like its delightful fragrance. Briefly, you will like Prince Albert.

# PRINCE ALBERT

— THE NATIONAL JOY SMOKE!



Copyright, 1934, R. J. Reynolds Tobacco Company

### TECH SHOW PLANS PROGRESS RAPIDLY

#### "Masque" Offers Prize To Writer Of Script Of Best Show Submitted

Plans for Tech Show are rapidly proceeding forward, manager Fred A. Prahl, '36, announced yesterday. Sidney Grazi, '35, has already produced about one-half of the musical score, while the management has again secured the services of Langdon Matthews, director of Tech Show choruses for the last seven years, to direct the shambles of the chorines. The cast will be under the direction of Robert M. Becker, '34, Arthur B. Ellenwood, '34, and graduate students, and William W. Pritchard will have charge of the scenery pushers and stage hands.

As yet no particular type of show has been decided on, but "Masque", the Tech Show honorary society, feels that a revue would be in order this year, and is prepared to encourage embryo writers by offering a prize for the best script submitted. The exact details of the offer will be announced later. Although the revue is favored, any type of show will be considered.

The business managership of the 1935 show will be in the hands of Carlos F. Lavanis, '35, who has announced that the position of advertising manager is open to any Sophomore or Junior who is interested in this end of the business management.

## CALENDAR

- Tuesday, October 30**  
 5:00—Glee Club Rehearsal, Room 10-250.  
 5:00—Banjo Club Rehearsal, West Lounge, Walker Memorial.  
 6:30—Orchestra Rehearsal, Room 10-250.  
 8:00—Chemical Society Meeting, Moore Room, Building 6.
- Wednesday, October 31**  
 6:15—Graduate House Dinner, North Hall.
- Thursday, November 1**  
 1:00—Nominations due for freshman class officers and Junior Prom Committee.  
 2:00—Mathematical Colloquium, "The Equation of Sound and Cauchy's Problem," by Mr. M. L. Kalinsky, Room 2-246.  
 3:00—Theoretical Seminar, "The Electronic Structure of Metals," by Prof. J. C. Slater, Eastman Lecture Hall.  
 4:00—Physical Colloquium, "The Use of Deuterium in the Study of Band Spectra," by Dr. Andrew McKellar; "The Isotopes of Hydrogen and Helium," by Dr. P. T. Smith, Eastman Lecture Hall.  
 5:00—Glee Club Rehearsal, Room 10-250.  
 5:00—Alpha Chi Sigma Dinner, Faculty Dining Room, Walker Memorial.  
 6:30—Orchestra Rehearsal, Room 10-250.

Any candidates are advised to see Fred Prahl as soon as possible.

Since Tech Show depends largely on the new talent drawn from the freshman class, a smoker is scheduled for within the next two weeks to acquaint the new men with the various aspects of this activity. Tryouts for the parts in the show will be held before the end of November. Previous training is not necessary in many phases of the show according to its directors, so that there is an opening for anyone who is interested. Freshmen particularly are encouraged to come out.

### STAGE and SCREEN

(Continued from Page 2)

chin when Ginsberg marries, but she heroically continues as his trusted employee, meanwhile wondering what has happened to the Sol who once professed to love her.

But Ginsberg does not rise to the top easily. Fighting each inch of the way, he betrays Merritt, who first gave him his chance, sneers at his wife's past, and ruthlessly brushes aside all who hinder his rise.

Finding that his efforts to be successful have only brought more un-

### Freshman Ties Must Still Be Worn Says Committee

To the Freshman Class:

Your attention is called to the fact that Freshman Rules are still in effect in the manner that they are described in the Handbook. It is not the intention of the Committee to make these rules, particularly the wearing of the tie, a hardship or a burden on the Class of '38. The Institute Committee, representing the entire student body, has made these rules for the purpose of uniting to as great a degree as possible the members of the Freshman Class and to instill in them the traditions of the Institute.

The Freshman Rules Committee as representative of the Institute Committee is very anxious to uphold this tradition and is therefore most desirous for your co-operation and help. We shall appreciate your observance of all Freshman Rules while you are in attendance at the Institute this term.

The Freshman Rules Committee

### REPEAL OF WAGE CUT IS GOAL OF WORKERS UNDER F.E.R.A. PLAN

#### National Student League Aids In Seeking To Procure Minimum Wage

Furthering their plans to obtain repeal of a recent twenty-five per cent wage cut, student FERA workers met last Saturday to formulate a definite course of action on which workers will vote at a mass meeting at five o'clock this Friday in Room 4-270.

The National Student League proposed that a telegram be sent to H. L. Hopkins, Federal Administrator, followed by a letter stating the proposition in full, and that a letter be delivered by a delegation to A. G. Rotch, State Administrator, also stating the student's proposition.

It was agreed that a minimum wage of fifty cents an hour be requested, with further appropriation of Federal funds to make it possible for a student to earn thirty dollars a month instead of fifteen as formerly. It was also proposed that the clause discriminating against part-time students be removed, and the total percentage of jobs available be raised from twelve to twenty-five per cent of the enrollment.

At the mass meeting Friday all FERA workers are invited to vote on these proposals; finally the finished proposal will be drafted and action will commence.

# Good Taste!



Copyright, 1934, The American Tobacco Company.

# Luckies

# They Taste Better

The world's finest tobaccos are used in Luckies—the "Cream of the Crop"—only the clean center leaves—for the clean center leaves are the mildest leaves—they cost more—they taste better.

"It's toasted"

✓ Your throat protection—against irritation—against cough