

Committee For '35 Senior Week Named Yesterday

Institute Committee Announces Results Of Elections At Meeting

Three Marshals and Twenty Committee Members Selected

Freshman Section Leaders Will Be Replaced By Council For Class of 1939

At a meeting of the Institute Committee yesterday in the Committee Room of Walker Memorial the Senior Week officers were announced and a few changes were voted upon.

Hal L. Bemis, '35, was appointed first Marshal for class day. Henry Fiske King, '35, was appointed second marshal and Donald C. Gutleben, '35, second.

The twenty members of the Senior Week Committee follows: Hal L. Bemis, John H. Colby, Edward J. Collins, William W. Cross, David W. Dale, John Duff, Gerald M. Golden, Robert J. Grandberg, Donald Gutleben, Henry F. King, Richard Lawrence, George F. Lincoln, Wesley H. Loomis, Allen Q. Mowatt, Bernard N. Nelson, Henry J. Ogorzaly, John E. Orchard, Robert A. Scribner, Kasmierz J. Winarski and Otto E. Zwanzig.

Provisions were made to replace the Freshman section leaders by a Freshman Council. A committee was appointed to draw up a constitution for this new organization. John B. Chapman, the secretary of the Institute Committee was made chairman of this newly organized committee. Garnet P. Grant, '35, and John D. Hossfeld were also appointed to this committee.

The 5.15 Club elections were announced and approved. Also Voo Doo was returned its seat at the large table in the Committee Room.

Freshman Dance Will Be Held on April 5

Committee Will Decide Details At Meeting Next Week

April 5th has been chosen as the date for the freshman dance, the committee in charge announced today. The committee had great difficulty in selecting a date that was satisfactory for the dance.

The first date chosen, February 15, was thought to be too soon after the mid-term vacation, and March 15 was named instead. This time had already been taken by the Sophomore Dance, and the committee had to look for another date. When it was announced
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Freshman Dance

Graduate Student Submits Winning Poster in Contest

Elliot L. Whitaker, '32, now a graduate student at Technology, with the degree of Bachelor of Architecture, is the creator of the winning poster in the Open House poster contest conducted recently by a special committee headed by Edgar C. Edgar, '35. It was chosen by the judges because of its clarity of line and simplicity of expression. The judges were Dean William Emerson, Professor H. W. Gardner, Mr. H. L. Beckwith, and Edgar.

In the publicity poll conducted in the Main Lobby by THE TECH Monday, the winning poster tied for twelfth place out of eighteen contestants.

Open House will be held here Saturday, May 4, 1935, from two to ten o'clock. This will be the second consecutive year that Open House has been held. Formerly at least one year had intervened between successive Open House events.

A reproduction of the winning poster will be printed in a forthcoming issue of THE TECH.

Tech Gymnasts Hosts To Army

West Pointers Meet Beavers Tomorrow At 2:30 P. M. In Walker Gym

Captain Ernie VanHam and his gymnasts will be hosts to the powerful cadet team from West Point this Saturday afternoon, when the Beavers meet the Army team in the Walker Gym at 2:30. So far this year the Tech gym team has failed to win a meet, having lost to Springfield, Princeton and Temple. On the other hand, each year West Point turns out one of the most powerful teams in the East. Therefore the outlook for the Beavers is not too optimistic. In addition to this, Tech gymnasts have been followed by a injuries jinx this past season, and it is doubtful if a full team will be entered Saturday. If this meet tomorrow be similar to those in the past, Tech will probably take three or four first places, as in the Springfield meet, only to lose on account of the other team taking all the remaining second and third places. It is unfortunate that the gymnasts cannot enter the required four men in each event.

In spite of the dark outlook for the home team, it is expected that a large crowd will flock to Walker to see the crack West Pointers go through their paces. As in all other Institute sports, admission is free to all students.

Audience Votes For Affirmative At Tech Union

Gulf Between Science, Religion Subject Of Debate Tuesday Night

"There is a gulf between science and religion" it was decided at Wednesday evening's session of the Technology Union after a long and heated discussion. An audience of more than a hundred decided the issue by a vote of 46 who said there is, 35 who said there was not, and 19 who thought it an "unsettled question".

The first speaker of the evening, Professor Frederick K. Morris of the department of Geology, speaking for the affirmative, said that science and religion do not contribute one to the other, but each advance in the one widens the gulf between it and the other. He felt that it was a case of investigation as opposed to faith, giving as a simple example the story of Jonah and the whale, attempting to show that where religion would call it a miracle, science would immediately destroy the identity of the miracle.

The first speaker for the negative was Copeland C. MacAllister, '35, who contended that one great common bond between the two was their beginning in the same mystery. He concluded his arguments with a list of great scientists, among them Pasteur, Lavoisier
(Continued on Page 4)

Tech Union Debate

Progress of Diesel Power Discussed At Meeting Of S. A. E.

Carroll of Diesel School, Evans Of Racing Fame Were Guest Speakers

Mr. J. H. Carroll of the Hemphill Diesel Engineering Schools and Dave Evans, nationally known race driver, spoke on the progress of Diesel power in various industries in the United States at the meeting of the Society of Automotive Engineers held Tuesday afternoon in Room 5-330.

Richard Purcell, vice-chairman of the Automotive Society, took charge of the meeting and introduced the speakers. Carroll showed two reels of movies and spoke on the work of the Hemphill Diesel School and on the rapid increase in the use of Diesel engines in the country.

Dave Evans, who has been instrumental in the development of Diesel cars in the United States and who in Florida recently broke the speed record for Diesel powered cars, told of some of his experiences in racing and of future possibilities with Diesel cars.

There was a good attendance at the society meeting Tuesday. In addition to student members, Dean A. Fales and H. F. King of the Course II staff were present.

The S. A. E. is planning a visit to the Ford factory in Somerville next Thursday.

N. Y. Technology Club Extends Hospitality

Guest Privileges Offered To All Fourth Year Men

A general invitation to the members of the Senior Class has been extended by the Technology Club of New York. The Club will be pleased to issue a guest card to any Senior who wishes to make use of the Club's facilities while in New York any time before or after graduation. All Seniors are welcome to make the Club their social headquarters and may discuss employment opportunities with the members or staff.

Information may be obtained by seeing or writing the secretary, A. L. Weil, at the Club, 22 East 38th Street New York City.

T. N. T. Throwing Wakens Sleepers in MS Lecture

Far to the rear of the MS class dozed the row of die-hards, those who stay up all night in order to sleep better during the morning nine o'clock.

Forward on the platform, stood the professor idly twisting a small block of T. N. T., and expounding on its great explosive power.

But the die-hards dozed quietly, oblivious to the strength of trinitrotoluene. The professor, now somewhat irked by the loud snores, decided to bring matters to a head. Slyly he lifted the T. N. T. and with scant word of warning threw the block violently against the wall.

At the sound of the impact, the row of die-hards awakened suddenly, and looked about them, much annoyed until someone mentioned that T. N. T. had caused the disturbance. As one man all spines stiffened and bleary eyes stared wildly.

Then in a calm military voice, the professor, cheered by his little joke, and no longer bothered by snoring, explained that the darned stuff could also be burned without much danger. But what sleeping remained was done the next hour.

Duchin Broadcasts From Junior Prom

Junior Prom Signups Continue; Distributions of Favors Is Announced

Only six tables on the main floor and those situated in the balcony are still available for the Junior Prom, the committee in charge announced yesterday.

This does not mean that all the tables contain their quota of five couples but merely that individual tables are at a premium. Signups and table reservation will continue throughout next week in the main lobby of Building 10.

The Prom this year will take place at the Imperial Ballroom of the Hotel
(Continued on Page 6)

Prom

Wesleyan Glee Club To Sing To Nation

Ohio Wesleyan University's Glee Club will sing school songs over a nationwide broadcast in Commemoration of the 93rd anniversary of the founding of the University. The program, which will be presented March 9 from 6.00 to 6.15 p.m. will include a brief address by Dr. E. D. Soper, president of the University.

Tech Show Leads Selected; Name Is "Hit and Run"

Satire On Technology Life To Have Premiere on March 27, Prom Week-end

C. Austin, '36, R. Epstein, '38 Have Male and Female Leads

Original Musical Comedy Was Written By Freshmen In Contest

"Hit and Run" is the title of this year's Tech Show, which will star Charles L. Austin, '36 and Raymond Epstein, '38, as the male and female leads respectively. The show will be presented on the evenings of March 27, 28, and 30, the week-end of the Junior Prom, in the Walker Gymnasium.

Each evening, following the first two performances of the Show, there will be dancing in the Main Hall. Tickets will be priced at one dollar and all seats will be reserved. They will be on sale in the main lobby beginning some time next week.

Written By Freshmen

The Show itself, a satire on Technology life was written by Arnold Potter, '38, and Frank Homan, '38, in the Masque contest. It features the doings of Professor Dinwiddie, a fictitious member of the Corporation, and a Technology co-ed by the name of Gladys.

Competitive rehearsals have been in progress for several weeks, and it was not until very recently that the leads were definitely decided upon.

Dwight Porter Dies; Professor Emeritus Of Civil Engineering

Succumbs After Long Illness; Was Active In Malden Public Life

Dwight Porter, professor emeritus of civil engineering at the Institute and long a leading figure in educational and industrial circles, died today at his home at 149 Hawthorne St., Malden, after a nine months illness that followed a cerebral hemorrhage. He was 79 years old.

Professor Porter was born in Hartford, Conn., the son of James T. and Elizabeth A. Porter. He attended the Hartford schools and engaged in the banking business for five years. Then he began the study of civil engineering at Yale, from which he was graduated in 1880. After his graduation his first position was with the tenth census of the United States, reporting
(Continued on Page 6)

Porter

Illustrated Lecture on Earthquakes Is Given At Graduate House Dinner

An illustrated lecture on earthquakes was given by Dr. James B. Macelwane, a well known seismologist of St. Louis University, at the weekly dinner of the Graduate House in Walker Memorial last Wednesday.

"Earthquakes are the results of vibrations set up by the release of strain in the earth along the plane of rupture, known as the fault plane," claims Dr. Macelwane. The fault planes pass along through the earth regardless of the type of the surface. If submerged in water, depending upon the size of the lake they can be picked up again on the opposite shore.

Slides were shown to demonstrate the final displacements of the ground on either side of the fault line. Dr. Macelwane pointed out that these displacements were sometimes as great as 1500 feet although this is rather unusual and in most cases doesn't exceed 20 feet.

The displacement doesn't all occur at one time but is the result of successive displacements during the rupture which gradually fractures the earth by a number of jolts.

Vibrations in Phase

Disaster occurring to property usually results more from the nature of the vibrations than from the intensity of the quake. If the natural period of the building should be in phase with that of the earthquake, a calamity probably would result.

Mild Quakes In New England

In his concluding remarks the speaker discussed the recurrence of earthquakes along the same "fault plane" and the nature of tidal waves. "For some unknown reason," Dr. Macelwane remarked, "earthquakes originating in the eastern part of the United States are felt over a larger area but are not nearly as intense as those of Pacific Coast area."

Thorne-Loomis European Travel Plans Ready; All Students Eligible

Arrangements for the Thorne-Loomis European Industrial Tour this summer have been completed, and sign-ups are now being made in Room 4-181. The countries included in the itinerary are England, Norway, Sweden, Denmark, Germany, Switzerland, France, Belgium, and Holland. Industrial plants as well as historical and cultural points of interest will be visited.

Registration for the tour is open to all graduate and undergraduate students. Reservations for the first bus have been practically completed, and registrations for the second bus are now being accepted, by Mr. Doten who is in charge of the tour. No payments are required until March 15th when the limit of 12 reservations will be assigned, upon payment of \$100, to registrants in the order of enrollment. The trip is limited to 24 persons. These tours are possible through the generosity of Alfred L. Loomis, a

member of the Institute Corporation, who has loaned specially equipped buses. These buses contain eating and sleeping facilities, and are taken to Europe with the student. This method of travel reduces the cost of the trip to less than \$350 from New York to New York.

The group will leave New York June 4 on the "Statendam", flagship of the Holland-American Line. Nine days will be spent in the British Isles, and twelve in Norway, Sweden, and Denmark. The tour will then continue in Germany for ten days, visiting five of the important cities. This will be followed by four days in Switzerland and a week in France.

After a day in Belgium, the group will return to Germany for two days and then proceed to Holland, the last point on the trip. The students will embark at Rotterdam on August 3, and will arrive in New York August 10.



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NATIONAL PLANNING

CHANCE FOR LEADERSHIP

LACK of leadership of a technical nature has seriously retarded the national planning program of the present administration. Of the eleven districts into which the United States was divided for the development of a national planning scheme, only three of the regional headquarters have been active, the remaining eight having done little work of importance. The New England Regional Planning Commission has been making a comprehensive survey of existing resources, highways, water supplies, other facilities, conservation areas, and all other information which can be used in the future in planning the region. It is hoped that in the future every project in this area will be planned in relation to the other actual and proposed development in the area.

The planning commission is not demanding great sums of money now but instead a coordinated program to be followed in the future when funds become available for public construction. The science of planning for entire regions is now being developed, and is being applied in three of the eleven regions of the United States. Why have the eight remaining regions done practically nothing toward formulating a comprehensive regional plan? The answer seems to be simply that technically trained planners are not available to do the work. To those engineering students seriously interested in preparing themselves for significant achievement in the engineering profession no field offers as great an opportunity as that of formulating and carrying out a city, state, or regional plan. The engineer should have sufficient technical training to qualify as a leader in the new field of planning. Besides this, however, the point of view of the economist and the sociologist. It is most important that the student realize the comprehensive nature of planning work and take advantage of every opportunity available to him to study all the aspects of planning in its broadest sense.

BABY BONDS

SAVING FOR FUTURE

TODAY the first issue of the U. S. Government "Baby" bonds goes on sale. As a peace-time method of government financing this bond issue is an innovation. The source which the Treasury expects to tap is the pocket of the average citizen. To induce him to purchase, the bonds are offered in denominations ranging from \$25 to \$1000 to be sold on a discount basis. Maturity is set at ten years with redemption possible at any time after 60 days. The bonds will be sold at U. S. post offices and will pay approximately 3% if held until maturity. A maximum of \$10,000 worth will be issued to any individual during a year and they are not transferable.

The bonds will serve a two-fold purpose; they will provide the government with money and they will give the middle class citizen an opportunity to save for future years in the safest possible manner.

By placing the financing of the state in the hands of its people the dependence of the government upon the whims of big bankers is minimized. The people, knowing that the safety of their fortune depends directly upon the strength of the government may, by means of their voting power, take a greater interest in good government.

No longer need the individual entrust the results of his labor to the care of private bankers, who are too often noted for their

lack of judgment in dealing with other people's money. People will deposit their money with their government because it is a sound institution; they should see to it that it is a sound institution because they have deposited their money with it. Here is one circle in the modern world that is not a vicious one. The operation of the plan will turn a morally poor incentive, that of monetary gain, to contribute to the possibility of more adequate functioning of our governmental system.

INTERLINGUA

INTERNATIONAL LANGUAGE

THE tremendous increase in international communication and travel in recent years, the increasing number of international conferences of all kinds, and the promise of better short-wave radio and faster transportation in the near future—all these tend to emphasize the need for a universal language. National jealousy unfortunately prevents the adoption of any existing national language as the standard for international conferences and communication. Therefore, the solution of the problem must be sought in some artificial language, which must not be based on any single national language, and which must be easy for everyone to learn.

Out of the many international auxiliary languages which have been proposed, three are outstanding. Volapuk, which appeared in 1880, was the first of these languages to gain appreciable popularity. In spite of its arbitrary vocabulary and complex grammar, about 283 societies were formed and 25 or more periodicals were published for its dissemination. Its popularity was short-lived, however, and it disappeared entirely in ten years. Esperanto, which appeared seven years after Volapuk, is much easier to learn. Its grammar is very simple and its vocabulary is composed of words drawn from the various European languages. It grew in popularity slowly at first, but its growth continued until the World War, at which time about a hundred periodicals were published in or about Esperanto. Since the war very little growth has taken place, but the Universal Esperanto Association is still a large organization, with representatives in every important country in the world. Interlingua, which has appeared during the last decade, has a simpler grammar than Esperanto. Its vocabulary includes every word common to English, French, German, Spanish, Portuguese, Italian, and Russian, together with enough words from Latin and Greek to make it usable.

Of these three languages, only Esperanto and Interlingua are worthy of consideration as practical means of international intercourse; Volapuk is of historic interest only.

Since few people would be willing to learn an artificial language which is not already widely used, no such language has a chance of universal adoption unless it is legible at first sight by any educated European or American.

Although the requirement of legibility at first sight precludes the use of arbitrary words, affixes, or grammatical rules, the parts of speech in Esperanto are indicated by arbitrary endings of words. Moreover, there are a number of arbitrary prefixes and suffixes, and a few wholly arbitrary words. These words and affixes are easily learned, since they are not numerous, and are very convenient to the person who writes or speaks the language, but are likely to be confusing to the one who reads or listens to it.

Interlingua avoids arbitrary rules by making the grammatical sense of words depend on their position in the sentence, rather than on the forms of the individual words. Only those affixes which are already in international use are used, and the vocabulary is derived from a larger number of languages, and is compiled in a less arbitrary manner, than that of Esperanto. Words are not spelled with absolute phonetic regularity, as in Esperanto, but are left in the form in which they are easiest to recognize.

Such matters as the determination as to what forms of individual words will be most easily recognized are of minor importance and will be settled in time. The important fact is that a language which can be read at first sight by any educated European or American is not only possible, but actually available.

Then and Now

"The American system has gone further toward a solution of economic security than any other."

—Herbert Hoover

"By the dissolution of their ancestral ways men have been deprived of their sense of certainty as to why they were born, why they must work, whom they must love, what they must honor, where they may turn in sorrow and defeat."

—Walter Lippmann

"A wise man ought always to follow the paths beaten by great men, and to imitate those who have been supreme, so that if his ability does not equal theirs, at least it will have the savour of it."

—Niccolo Machiavelli



Imagination

Lieutenant Bicher (pronounced Beecher of course) was pronouncing telephone EE4 to his Signal Corps class the other day. He went through the ritual of turning the crank to hear the bell, shorting the lead-in contacts and blowing into the mouth-piece to test the receiver and transmitter. The point to the latter being that if the gadget was in proper condition you should hear a whisper in the earphone when the leads were shorted.

Then he asked a member of the class to repeat the procedure. The young man very expertly twisted the crank, the bell cheerfully responded. He nonchalantly checked battery contacts, blew into the phone and remarked, "No sound, that's right." Then he closed the phone switch, blew again, and said definitely, "I hear the noise, the phone's all right." Unfortunately, he had forgotten to short the leads, a fact very obvious to the class, which thoroughly enjoyed his very good imagination.

Amiable Amoeba

Now that Voo Doo is out with another issue, we would like to remark that if mankind should suddenly decide to reproduce like the amoebae, 99&99/100 per cent of the so-called "humor magazines" would fail miserably.

Information

For the benefit of Voo Dooers, we would like to remark that according to information which we have received,

ed, the Santa Claus belonging to them which was swiped by a certain trio of co-eds is still reposing in the bedroom of one K. Shott. Wonder if it can be recovered.

Heads and Bulls

Among the headlines we noticed in widely-read Boston newspapers recently were the following, "Curley Jumps Over Heads of Boston Police." Versatile, this fellow Curley. The other was, "Skating Queen is Pressed". Force equals mass times acceleration, of course.

With The American College Editor

THE ASSEMBLY VERSUS FREEDOM

One of the best examples of irrationality of which a state legislature is capable was shown when the New Jersey Assembly passed the so-called Teachers' Oath Bill Monday evening. This measure requires all teachers in New Jersey who are employed in institutions supported in whole or in part by public funds to sign an oath of support both to the State and Federal Constitutions.

The absurdity of the bill is evident. A prominent member of the Princeton Faculty asserted in an attack on the measure that an oath to support the New Jersey Constitution was like an oath to support Noah's Ark. The spectacle of our legislators defying that outworn and utterly inadequate document borders on comedy.

But there is more than absurdity here. There is an absolute menace to academic freedom. Whatever regard

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Advertisement for Bell Telephone System showing a street with 300 telephone wires in 1890 and a close-up of a 250 pair cable in 1935.

Above: From an old photo of lower Broadway at John St., New York about 1890. Right: Actual size of 250 pair cable.

Bell System engineers long ago began to work out a way to clear city streets of overhead wires. The first telephone cables were crude affairs—a few wires drawn through a pipe. Continuous research brought forth improved designs, better manufacturing methods, cables of smaller size yet far greater capacity. The cable with the greatest number of wires today—3636—is 2 1/2" in diameter.

More than 94% of the Bell System's wire mileage is now in storm resisting cable—one of many developments to improve service.

Why not drop in at home tonight — by telephone? For a lot of pleasure at bargain rates, call by number after 8:30 P. M.

BELL TELEPHONE SYSTEM



THE TECH Inquires

This column endeavors to solicit student opinion upon selected questions. A reporter interviews students at random, in making his rounds about the Institute. Questions for this column may be submitted by readers. Open Forum comment on any of the answers will be welcomed.

Today's Question: "Many colleges require a blanket tax to support undergraduate activities. Such a tax gives students subscriptions to all publications, tickets for all productions, etc. What is your opinion of instituting such a system at Technology?"

Thomas P. Nelligan, '36, IXb, 2336 Mass. Ave., Cambridge:

"Such a system would do much to further student interest in activities. It would revive the pressure of financial worries from the worthwhile activities such as 'Tech Show', etc. By distributing the financial responsibility over the entire student body the limit paid by individuals would be nominal."

Charles W. Ross, '35, V, 337 Washington St., Dorchester:

"A blanket tax gives undue power to the students in charge of the separate societies. With a financial independence assured, these societies would tend to do as they pleased. The undergraduate body on the other hand would expect that its interests would be of prime importance. In other words, the freedom of individual thought would be threatened with regard to student organizations."

Walter Silverman, '34, II, 41 Winslow Road, Brookline:

"In many colleges, students are required to purchase a book of admission tickets to all undergraduate activities during the year. I am in favor of this form of "taxation" rather than one which does not appear to give the students privileges for their funds."

Ernest A. Nordberg, '35, VIII, 33 Edgerly Road, Boston:

"Yes. It would probably increase interest in student activities on the part of the student body as well as successfully financing such activities."

George Hunt, '35, X, 120 Main Street, Bridgewater:

"I am opposed to any blanket tax for the support of student activities. Such a tax would compel commuters to support activities in which they have little or no opportunity to participate."

Donald Hirschberg, '36, V, 281 Tappen St., Brookline:

"We have a partial blanket tax now that is supposed to support activities that theoretically cannot pay their own way. Why add another tax?"

Fred Wasserman, '37, 126 Manet Rd., Newton:

"With a blanket tax students could use tennis courts and bowling alleys without additional cost. These small expenses add up and with a blanket tax the burden would not be so great."

Question for next issue: "The following change has been suggested in the mathematics schedule: instead of three classes in Calculus each week, one lecture (taking up the entire week's work) with attendance at recitation classes optional to those who cannot do assigned problems, is proposed. What is your opinion of it?"

Brother Alpha



When you have a two hour Lunch Period, says Brother Alpha, and you sit in Walker reading y o u r Steam Tables, all kinds of Nice People stop and talk to you about Interesting Things. Like days of misfortune, they come and go, and mostly he can't remember very long their names. But one fellow, an editorial fellow, got Brother Alpha interested the other day in Utopias.

Not politician's Utopias, he says, but books about the future. Papp's *Creation's Doom* had started this fellow off, and he wanted a Bibliography of Post-Historical Studies about the Buck Rogers Era. The Reference Assistant came gallantly to the rescue and dumped into Brother Alpha's lap a number of books from the Institute's Library which tell all about the There-Then and what life is going to be like

when Alpha himself has long been gathered to his fathers.

A lot of these writers during the last ten years, fed up with the Present, and bored with the Past, have taken flights of romantic escape into the Future. There is this Karel Capek his fantastic melodrama R.U.R. (Rossum's Universal Robots) a play which is being now made into a movie. Likewise he and Josef Capek wrote *Adam the Creator*, all about a new Adam and a new earth. *Eve's Apples*, similarly, by W. Gerhardt, and Stephen Leacock his *Afternoons in Utopia*, together with W. O. Stapledon his *First and Last Man* are three different versions of what R. A. Knox writes about in *Memories of the Future*, memoirs of the years 1915-1972, written in the year of Grace 1938. G. W. Russell, who is in reality the Irish poet "A.E.", has a futurist fantasy called *The Avatars*; and George Bernard Shaw, who is in reality the late Irish dramatist G. B. S. did that Metabiological Pentateuch, *Back to Methuselah* back in 1922. Aldous Huxley his *Brave New World* and H. G.

Wells his *The Shape of Things to Come* are visions seen in 1933 of two or three decades thence.

With all those Books of Revelation available right here on the lot, Brother Alpha feels that reading Current Literature is like picking over dry bones, and even *This is Life*, that short Column by that short Columnist in the quotidian pink paper, takes on Antiquarian Value each night.

The Week in Walker

Among the Rare Old Books recently out is this Thornton Wilder his *Heaven's My Destination*, a biographical study of a few months in the life of a modern Don Quixote. Don George Brush, all full of Jesus, Socrates, and Gandhi, tilts with all the windmills in his territory as he sells textbooks. The world is tough and full of sales resistance to his Christian virtues, and nobody understands him. The moral seems to be that Mr. Wilder feels that the copy-book maxims don't get you anywhere near first base any more. Brush finally catches on, too.

Mobilizing for Chaos, by O. W. Riegel, is probably old stuff to Joseph Goebbels. It is a kind of handbook of Propaganda, showing how newspapers are controlled to enlighten public opinion in the way it should be enlightened. Mostly it seems that Nationalism is the objective of certain Japanese, Russian, South American and Italian organizations. There is plenty of proof, apparently, for what Mr. Riegel says.

William Barclay Parsons, his *Robert Fulton and the Submarine* is moderately interesting

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IF YOU CAN'T
EAT AT HOME
THE NEXT BEST PLACE IS
LYDIA LEE
136 Massachusetts Avenue
Opposite the Aeronautical Laboratory

FINE ARTS THEATRE
Mass. Ave. at Norway St. Cont. 1 to 11 P. M.
The Adult Education Council of Greater Boston, Prof. Kirtley F. Mather, Pres.
Presents
"THE WANDERING JEW"
FEATURING THAT CONSUMMATE SCREEN ARTIST
CONRAD VEIDT
ALL ENGLISH TALKING FILM

On your Ups and Downs

I'm your best friend

I am your Lucky Strike



Maybe you wonder why I appeal more than others. Listen. Do you know that the top leaves of a tobacco plant are unripe and biting? Do you know that the bottom leaves, trailing the ground, are grimy and coarse? I know all that and for that reason I am made from the fragrant, expensive center leaves... the leaves that give you the mildest, best-tasting smoke. Therefore, I sign myself "Your best friend."

LUCKIES USE ONLY CENTER LEAVES . . . CENTER LEAVES GIVE YOU THE MILDEST SMOKE



They Taste Better

Crack Relay Team Entered In IC4A's

Relay Team Runs In IC4A Meet at Madison Gardens

Cooper, Pulsifer, Jarrell And McLellan To Appear In 1600 Meter Event

Johnson Entered in Broad Jump

Oscar Hedlund, track coach, is taking a small select group of track stars, the cream of the Institute, to the IC4A meet at Madison Square Garden in New York City, where tomorrow they will compete against the most powerful group of Eastern Collegiate track stars. The feature Tech entry will be Oscar's fast Relay team which will run in the 1600 meter run. For this first time in years Tech has been elected to enter a relay team, and the boys running will see plenty of fast competition from such leaders as Holy Cross, Manhattan, New York University and Northeastern University. Sixteen teams have been scheduled to start, and there will be required a series of heats and a final to decide the winner.

Competition for berths on Tech's relay team has been so keen that Oscar has had to have a trial race each week to pick his fourth man. This week's team finds the name of Dick Jarrell listed. Dick has come along slowly this fall, due to a knee operation last fall. This past Tuesday he beat Al Greenlaw and Al Faatz, in a thrilling race to decide who was to make the trip to New York City.

This year's relay team is the best ever, and in the University Club Games Tech beat Boston College by eight yards in 3m. 30 4/5s., only 2/5 of a second slower than the Institute record. A new record would undoubtedly have been made if McKee of B. C. had not tripped over McLellan's heel, causing both runners to fall. However, they both got up and Dave showed his pluck when he resumed his fast pace to win the event. Without a doubt, if this accident had not occurred, a new Institute record of 3m. 27s. or 3m. 28s. would have been made. This week's relay team comprises Eugene Cooper, Dick Jarrell, Walter Pulsifer, and Dave McLellan.

Individual entries for Technology feature Stan Johnson in the broad jump. Stan finished second to Henry Little last year, Little winning the event with a jump of 23 feet 9 1/4 inches. Johnson leaped 23 ft. 4 in., thus creating a new indoor Institute record. Last week, Stan won the broad jump event at the University meet, creating a new record of 23 ft. 2 1/4 in. in the class A entries, and also a new Harvard Cage record.

James Thomson, holder of the Institute record in the high jump is scheduled to appear in his specialty. At the Knights of Columbus games, Jimmy cleared 6 ft. 2 in.

Fencers Beat Boston Y For First Win Of Year

Ozol Stars As Beavers Win 11-6; Frosh Meet Cancelled

Following up his clever play against Columbia last week, Rudy Ozol, champ bladesman of the MIT fencers, led the team to a decisive victory over the YMCA Wednesday night, the final score being Tech 11, Boston YMCA 6.

The Dorchester High School fencing outfit failed to show up for its scheduled meet with the Tech freshmen. This doesn't daunt the Tech freshmen, however, for they will have opportunity enough to display their skill in a match with the Governor Dummer School Saturday afternoon at 2:30 in the Walker Gym.

A summary of the Varsity meet follows:

- Foils—Tabachnick (B) defeated Fenlon, 5-3; Lous, 5-3; Brooks (MIT) defeats Shaner, 5-4; Ozol (MIT) defeated Lennon, 5-4; Toorks (MIT) defeated Tabachnick, 5-3; Shaner (B) defeated Ozol, 5-4; Lennon (B) defeated Fenlon, 5-2; Menlon (MIT) defeated Bonilla, 5-2; Dantona (MIT) defeated Lennon, 5-8.
- Epee—Fenlon (MIT) defeated Fuhrman, 2-0; Lennon, 2-0; Lennon defeated Bartlett 2-1; Rosenberg (MIT) defeated Shaner, 2-1.
- Sabre—Santrez (MIT) defeated Lennon, 5-3; Mitchell (B) defeated Dauphine, 5-2; Ozol (MIT) defeated Mitchell, 5-0; Dauphine (MIT) defeated Fuhrman, 5-2.

Meet With Gymnasts Final For Grapplers

Freshman And Varsity Teams Journey To Springfield Saturday

Technology varsity and freshmen wrestling teams receive their final test before the intercollegiate contests when they hold a joint meet with Springfield College at Springfield tomorrow. The presence of Harry George in the 126 lb. class who is back on the mat for the first time this year causes an advantageous shift in the lineup. The varsity lineup is also strengthened by Ed Boyan in the 175 lb. class who will fight for the second time this year. Coach Jay Ricks expressed the opinion that his team has a fine chance of winning this coming meet. He bases this opinion upon the fact that the present team is stronger than the one which faced Brown, and that while Brown defeated Tech by the not too overwhelming score of 19 1/2 to 10 1/2, Springfield only tied Brown. Among those expected to bring home certain victories are Heal, Cestoni, Mardorosian, and Oshry, all of whom either won or drew with Brown.

The freshman team this year has been graced with a heavyweight whose performance so far warrant great expectations for a varsity career. This heavyweight, Newton Peyton, has already won in two out of his three freshman meets and has downed the varsity heavyweight in the All-Tech Tournament.

The lineups for the varsity and freshman teams follow:

Class	Varsity	1938
118 lbs.	Clark	(forfeit)
126	George	Milius
135	Mardorosian, co-capt.	
145	Oshry, co-capt.	Suter
155	Heal	Cettei
165	Baggerman	Williams
175	Boyan	Roberg
Hvywght.	Cestoni	Strom
		Peyton

Tech Union

(Continued from Page 1)

ier, Madame Curie, who were great not only as scientists but also great in their religions.

In reply, Claxton C. Munro, Jr., of the Tech Union Committee brought out the point that in the past religion included science, and with each advance in the sciences there was a further breaking away from religion of the men of science; where science speaks in terms of logic, religion speaks in terms of faith. Then he spoke of the opposite views on the question of life after death, that science refutes such a possibility.

The closing speaker was the Reverend Newton Fetter. His claims were that "there is no gulf"; that behind the whole scheme of the universe there was a common thing which is the basis of ethics, of values, of science and of religion. Furthermore he claimed that when the man of science begins to wonder, he is stepping over into the field of religion; again the purpose of both religion and science is the search for truth and science has been a great help to religion in its attitude toward the Bible. The floor was then opened to the house and a very enthusiastic discussion, ranging from plus and minus infinity to the Darwinian theory of creation and the biblical conception of Adam and Eve, and often returning to seek definitions of religion and science.

As at the last session the house was divided, those with opposite views occupying the seats on the sides and those who were unsettled on the question sitting in the middle. The motion was made to take a vote of those who had changed their minds during the course of the discussion—with a vote of three changes for the affirmative, three for the negative.

Due to illness Ed Helwith, '35, was unable to preside and Henry B. Backenstoss substituted for him as active chairman, keeping the discussion from wandering off into side issues which tended strongly to appear.

SPORTS COMMENT

There wasn't much doubt about the superiority of the Borwn basketball teams, both varsity and freshman, that rather easily tucked away victories at the Hangar Wednesday evening. It was not expected that the Tech varsity forces could knock the Bruins from their winning trail, for the Providence aggregation has been coming out on top pretty regularly this season. We did expect that the yearling contest would be closer, though.

While we're on the subject of basketball, we might mention the fact that the All-Dorm team is playing a return game with the Lawrence Y.M.C.A. tomorrow evening on the latter's home floor. The Dorm outfit was nosed out in the first meeting of the two teams by a 38-32 margin, but it is expected that the outcome will be reversed tomorrow.

It looks like a noble gesture that the squash team is making in sending two men to the intercollegiate championships today. With Johnny Bainbridge not making the trip to Connecticut, it is almost certain that the Tech representatives will be eliminated in their first matches.

Tech will present plenty of strength in the lighter classes in the wrestling meet with Springfield tomorrow. Harold George will be in action for the first time this season, thus making it possible for Co-Captains Marderosian and Oshry to move up to the 135 and 145 pound classes respectively. Oshry in particular will probably welcome this change for he has had trouble in getting his weight down to the 135 class. We have seen him working out strenuously on the evening before a match, but still he has not been able to get his poundage down unless he ate extremely light before the match. When a man has to do this he naturally is under par physically when he starts to wrestle.

Tech Squash Team In Intercollegiates

Ceballos And Terry Chosen To Make Trip; Bainbridge Not To Compete

Ceballos and Terry will represent M. I. T. at the squash intercollegiates to be held at New Haven, March 1 and 2. Bainbridge, Tech's number one man has too much studying on his hands and will not make the trip. Tech usually has sent three men.

This year's season was rather disastrous for the varsity; they lost every match, and the only player to show any sign of winning was Bainbridge who twice won against his brother of Trinity. The team was composed mostly of sophomores and juniors and was built up from green material; Terry who was on the Jayvees last year being the only veteran.

Glidden of Harvard, Massachusetts open champion, will undoubtedly win the intercollegiate title, and it is doubted if the M. I. T. men will survive the first round.

New Course Given In Engineering Practice

A new graduate course in professional engineering practice, designed to give students an insight into the practical problems encountered in an engineer's office, will be given during the second term at the Institute.

The new course, which will be directed by Professor Charles M. Spofford of the department of civil and sanitary engineering, will consider the ethical and professional codes of the engineer in relation to his clients, contractors, fellow engineers and the public. It will also include a study of engineering costs, fees and salaries, the standard specification of materials, and the preparation of contract documents and technical reports. Problems of engineering office methods, estimates of construction costs and revenue for various types of engineering projects, and other aspects of the profession will be discussed at length.

The students will be required to interpret various contract and specification clauses, to pass upon ethical, business and engineering questions arising in practice, and to prepare for class discussion contracts for engineering services and specifications in whole or part for simple projects. The course will be illustrated with numerous examples from actual engineering practice.

Varsity Basketball Quintet Loses Final Game to Brown 34-62

Frosh Lose To Brown Cubs 34-18; Meet Robury Boy's Club Tomorrow Night

In its last game of the season last Wednesday night, the Tech basketball team suffered its worse defeat of the season when Brown beat them by the score of 62 to 34. The Engineers played better than usual, but the Brown quintet simply outclassed them in every way. Functioning as smoothly as a well-oiled machine, Brown scored at will throughout the game.

At the end of the first half, the Bruins had scored 38 points. Their coach, probably not wishing to beat Tech by too great a score, decided to give his second team some practice, and started the second half with an entire new line-up. In spite of this change in Tech's favor, the Engineers were still outplayed.

This game was the last one of their college career for three of the varsity regulars, Captain Johnny Demo, Fred O'Brien, and Dick Smith. They all played a fine game, Smith leading the scoring with 13 points.

At the same time the Tech yearlings bowed to the Brown Cubs to the tune of 34 to 18. The Beavers will have a chance to make up for this defeat, however, when they meet Roxbury's Boy's Club tomorrow night.

Brother Alpha

(Continued from Page 3)


factual information for those who are interested in Robert Fulton or the Submarine, *The Sentimental Years*, by E. Douglas Branch, will probably vex the capital-H historians because it is so readable. It tells about life in American homes and towns between 1836 and 1860, a period which produced "The Drunkard" (Copley Theatre, free advt.) phrenology, Carrier and Ives, the automatic revolver, the collapsible bed, and the castiron bathtub. Social and Historical Significance of things is not belabored, but there is here a wealth of information of an unfamiliar time, near enough to be readily appreciated.

Pearl Buck her *A House Divided* has finally come into Walker. Everybody knows that this book brings down to date the Chinese family of *The Good Earth* and Sons. Yuan, son of Wang the Tiger, emerges by way of Shanghai and an American college into a confused and perturbed new China, not at all like that of Grandfather Wang Lung.

The First Church of Christ, Scientist
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Sunday Services 10.45 a.m. and 7.30 p.m.; Sunday School 10.45 a.m.; Wednesday evening meetings at 7.30, which include testimonies of Christian Science healing.

Reading Rooms—Free to the Public, 209 Washington St., opp. State St., Stabler Office Bldg., Park Sq., 60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.



Varsity Natators Meet Bowdoin Sat.

Freshman Swamped by Harvard, 59-6, As Crimson Team Breaks Record

Winding up the varsity season for this year, the Technology swimming team will meet Bowdoin at Bowdoin College on Saturday night. The lineup will probably be the same as that of the last meet except that Joe Patterson will not be swimming due to a minor ailment. Douglas Chalmers will compete for the first time in the diving event. Manager Francis declares that according to experience, Bowdoin should prove one of the easiest meets of the season.

In reference to Wednesday's catastrophic defeat of the freshman team by Harvard, Francis declared that some of the times that were turned in were extremely close to the world records. The time for the 100 yard free style, 55 and 3/5 seconds, he said, is close to Weissmuller's time. During the last meet, two Harvard freshman records were broken; besides the 100 yard dash record, a new time of 1m. 39 1/5s. was turned in in the 200 yard relay.

The team will compete in the New England Intercollegiate meets which will be held in Middletown, Connecticut, at Wesleyan College on March 8 and 9. The team may also compete in the Intercollegiate Swimming Association meet which will be held at C. C. N. Y. on March 15 and 16.

50-yard free style—Won by Caldwell (H); second, Kennedy (H); third, Draper (MIT). Time—26s.

220-yard free style—Won by Berizzi (H); second, Arioli (H); third, Rafferty (MIT). Time—2m. 23 2/5s. (new Harvard freshman record).

100-yard breast stroke—Won by Stanton (H); second, Ringer (H); third, Kittredge (MIT). Time—1m. 16 4/5s.

100-yard back stroke—Won by Cummin (H); second, Stephens (H); third, Halpern (MIT). Time—1m. 5 3/5s.

100-yard free style—Won by McKay (H); second, Stowell (H); third, Rafferty (MIT). Time—5 3/5s.

Dive—Won by Fraser (H); second, Chase (H); third, Reuter (MIT).

150-yard medley relay—Won by Harvard (Stephens, Munroe, Wells). Time—1m. 35 1/5s.

200-yard relay—Won by Harvard (McKay, Bainbridge, Arioli, Berizzi). Time—1m. 39 1/5s. (new Harvard freshman record).

According to the California Daily Bruin the phrase "beautiful but dumb" is no longer applicable to chorus girls. A questionnaire submitted to 150 chorines revealed that 35 of them are college girls, fifteen others graduates of professional and business schools and thirty speak at least one foreign language.



TEA DANCES in the beautiful, spacious Sheraton Room every Saturday afternoon at 4:30, which attract New England's smartest Younger Set. Delicious refreshments served a la carte, and the price for dancing is only 50c. "Dangerous rhythms" are captivatingly played by the famous Meyer Davis' LeParadis Band with Joe Smith directing!

Dancing 50c Refreshments a la carte
The COPLEY-PLAZA
BOSTON

Reviews and Previews

At the Movies
METROPOLITAN—"Living on Velvet" and Kitty Carlisle
PARAMOUNT AND FENWAY—"One More Spring", "The Lottery Lover"

LOEW'S STATE—"The Whole Town's Talking", "Society Doctor"
FINE ARTS—"The Wandering Jew"
LOEW'S ORPHEUM—"Biography of a Bachelor Girl"
MODERN—"Rocky Mountain Mystery", "Rumba"

"Wandering Jew" at Fine Arts

Despite its somewhat controversial nature, or perhaps partly because of it, "The Wandering Jew", with Conrad Veidt in the leading role, is one of the outstanding pictures of the year, largely because of Veidt's acting. This British picture, although proceeding slowly at first, builds up to an unusually effective climax.

The story does not refer directly to the Wandering Jew as a race, but rather allegorically, dealing instead with an individual. A curse is cast upon him by Christ, so that he must continue to live until Christ "looks upon him again."

The picture shows him again as a knight-errant during the first Crusade, then as a merchant in thirteenth-century Sicily. The final and most effective scene shows him as a doctor in Seville.

He is condemned to burning at the

stake by the Inquisition, as a Jew and a heretic, after he arraigns the church for not following the doctrines of Christ. Veidt is at his best here. He hopes that at last the curse may be lifted, but the fire does not touch him. Then a beam of light shines from heaven and the Wandering Jew finally dies. The controversial material in this last part prevented its showing in New York for some time.

Kitty Carlisle, Phil Cook at Met

Kitty Carlisle, famous film star of "She Loves Me Not" and "Here is My Heart", makes a personal appearance starting today. On the screen, Kay Francis is featured in "Living on Velvet", with George Brent and Warren William. A slight twist is given to the usual love-triangle plot; in this story, two friends love the same girl, but each does his best to give her to the other to make the woman happy.

Also on the triple feature program is Phil Cook, radio's famous funster heralded as "the man of 1,000 voices", and another of the popular Met stage shows.

Edward Robinson at State

A case of mistaken identity in which a minor clerk is constantly being mistaken for a dangerous criminal who is his exact physical counterpart is the theme of "The Whole Town's Talking" with Edward Robinson, Jean Arthur, and Wallace Ford. The picture is exciting, with lots of action.

"Society Doctor", the companion film, crams a lot of love, drama, and pathos into the brief span of eight hours. The story concerns the affairs of a young interne in an emergency

hospital and his friendly enemy, in their competition for the love of a pretty nurse. Virginia Bruce, Robert Taylor are featured.

Orpheum shows Ann Harding, Robert Montgomery

"Biography of a Bachelor Girl", co-starring Ann Harding and Robert Montgomery, moves to the Orpheum this week. The problem of whether to write the story of her life between the pleas of her admirer and the threats of her ex-admirers, faces the heroine in this humorous vehicle. This reviewer enjoyed the peppy dialogue and the natural acting throughout the picture. Montgomery with horn-rimmed spectacles is especially appealing.

As usual, there are six acts of vaudeville, headed by Edward J. Lambert. Janet Gaynor, Warner Baxter at Paramount

"One More Spring" brings Janet Gaynor and Warner Baxter together again after their successes in "Daddy Long Legs" and "Paddy, the Next Best Thing", in a romance of the winter season, in which a number of defeated and dejected beings find in mutual misfortune that companionship enables them to fight successfully against cold and storm, until "one more spring" brings warmth, sunshine, and good fortune for all.

"The Lottery Lover" is a light operetta with two new songs "Tin-a-Ling-Ling", and "There's a Bit of Paree in You." Lew Ayres, Peggy Fears, and Pat Patterson star.

"Rumba" at Modern

"Rumba" with George Raft and Carole Lombard comes to the Modern

tomorrow. On the same program is "Rocky Mountain Mystery", taken from Zane Grey's "Golden Dreams", a story of western mountain life, with an added mystery appeal. Randolph Scott, who has appeared in no less than nineteen of these Zane Grey westerns, again has the lead, with Mrs. Leslie Carter, leading stage actress making her screen debut.

College Editor

(Continued from Page 2)

we may have for the American Legion and the D. A. R., the bill's sponsors, we feel that their zeal has carried them too far afield. It is perfectly evident that in unscrupulous hands this measure can be an effective means of rooting out teachers whose sole offense is constructive and intelligent criticism. Even that can readily be interpreted as disloyalty to state institutions. Unwarranted dismissals will undoubtedly follow fast. The bill is an attempt to convert professors in New Jersey colleges from thinkers to "yes-men."

Princeton would, of course, be unaffected as long as it refused public funds. But there is danger even here. It does not require a far stretch of

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imagination to see how the sponsors, in the event of success, could attempt to apply such a bill to all institutions "of public interest" within New Jersey. However impractical that may seem, the danger is great enough to warrant consideration.

The bill is now before the Senate. It is to be hoped that that body will have the wisdom and the courage to oppose the militant advocates of a measure which may be a direct step toward the violation of academic freedom in this state.

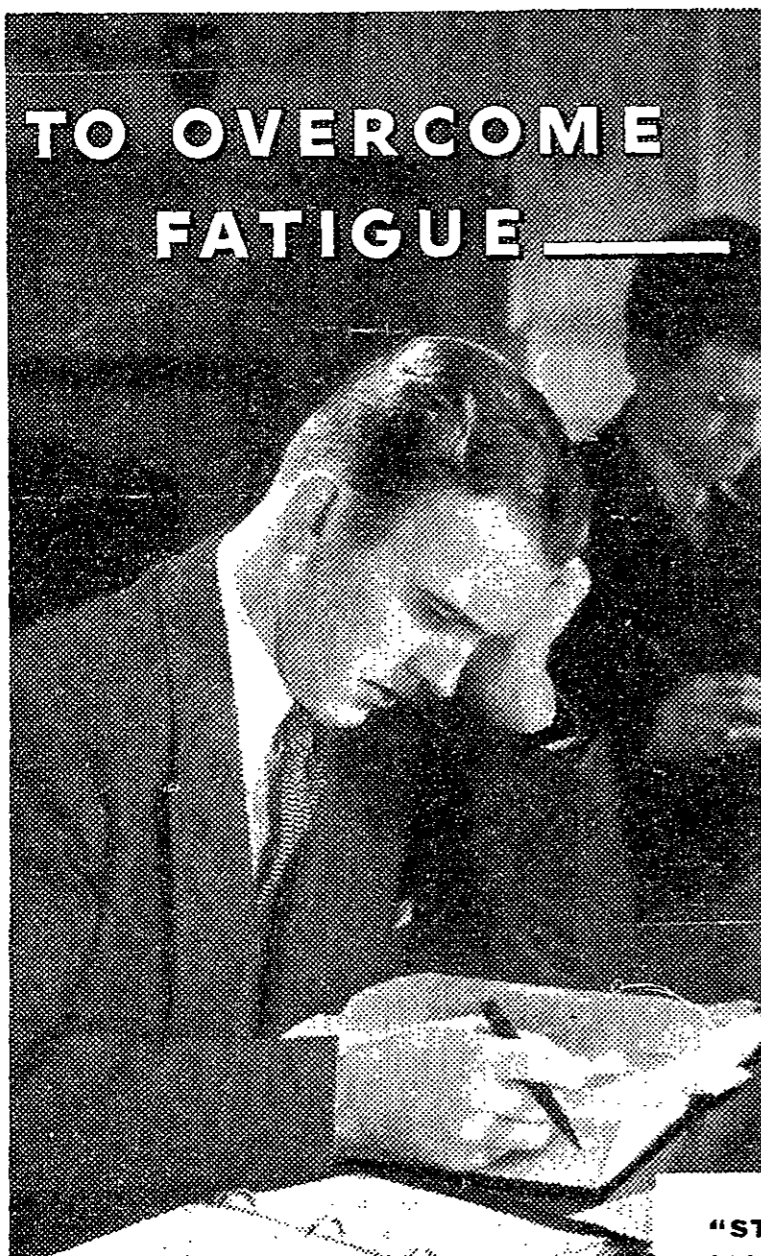
—Daily Princetonian

Undergraduate Notice

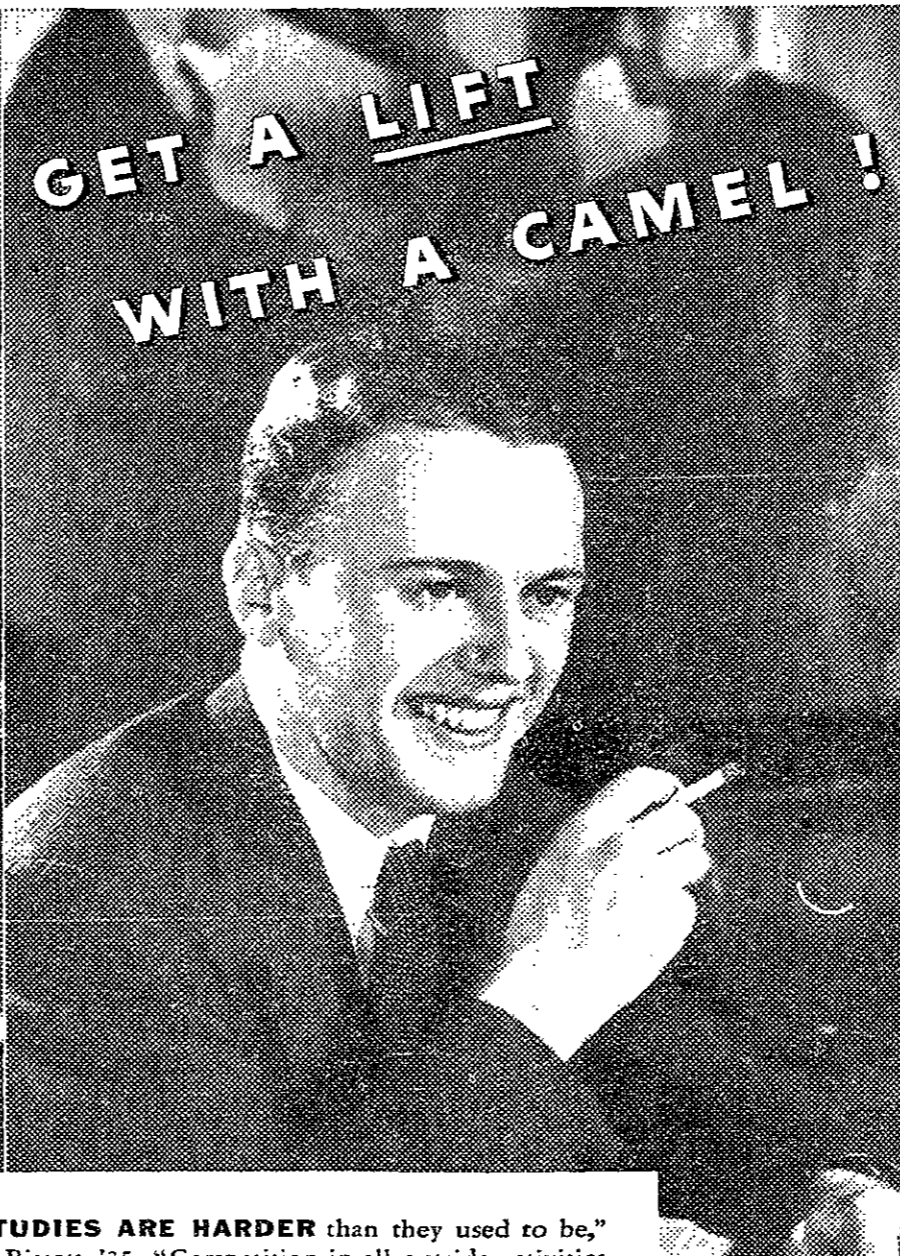
A large supply of handbooks on Cape Cod has been left at Room 10-100 to be distributed free to all who may wish a copy.

The handbook includes, among other interesting features, brief descriptions of the towns, points of interest, industries, lighthouses, and yacht clubs of Cape Cod.

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GET A LIFT
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"WHEN 'BLUE' spells come on or I'm tired and jittery from a busy day, I turn to Camels. In no time after smoking a Camel, fatigue slips away. I have the energy to face the next task. And what a delightful flavor Camels have! I never seem to tire of them." (Signed) ELIZABETH CAGNEY, '35

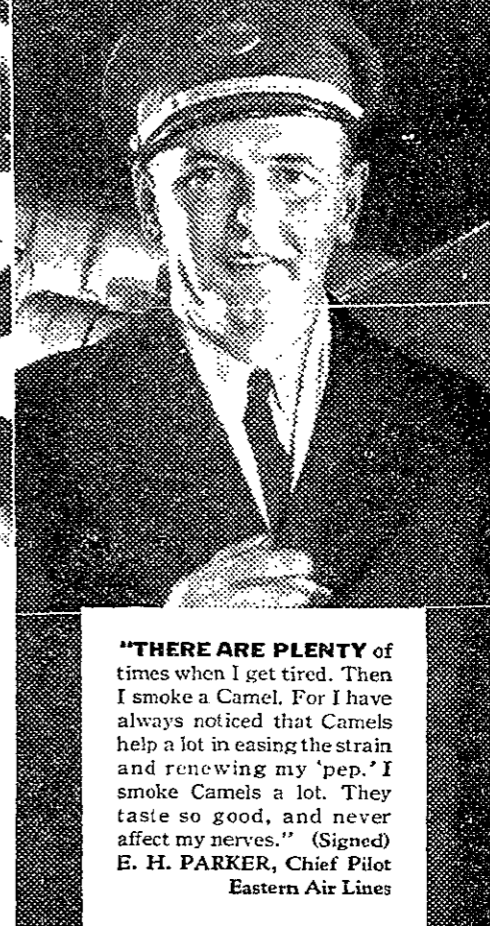
MILLIONS MORE FOR FINER TOBACCOS
 "Camels are made from finer, MORE EXPENSIVE TOBACCOS—Turkish and Domestic—than any other popular brand."
 (Signed)
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"STUDIES ARE HARDER than they used to be," says Bissett, '35. "Competition in all outside activities is keener. I'm studying law myself—insurance law. The prospect of combing over old case histories at night—reading up on dry precedents and decisions—is pretty heavy going—especially as I'm tired to begin with! But Camels help me through. If I feel too tired to concentrate, I sit back and light a Camel. Soon I feel refreshed. I can renew my studies with fresh energy. As Camels taste so grand, I smoke a lot. But I have never had Camels bother my nerves."
 (Signed) WILLIAM F. BISSETT, '35



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TUNE IN ON THE CAMEL CARAVAN
 Featuring WALTER O'KEEFE • ANNETTE HANSHAW
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TUESDAY 10:00 p.m. E.S.T. 8:00 p.m. M.S.T. 9:00 p.m. C.S.T. 7:00 p.m. P.S.T.
THURSDAY 9:00 p.m. E.S.T. 9:30 p.m. M.S.T. 8:00 p.m. C.S.T. 8:30 p.m. P.S.T.
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"THERE ARE PLENTY of times when I get tired. Then I smoke a Camel. For I have always noticed that Camels help a lot in easing the strain and renewing my 'pep.' I smoke Camels a lot. They taste so good, and never affect my nerves." (Signed) E. H. PARKER, Chief Pilot Eastern Air Lines

CAMEL'S COSTLIER TOBACCOS
 NEVER GET ON YOUR NERVES!

High Speed Movies Shown To Graduates By Prof. Edgerton

Motion Pictures Of Pigeons, Flies, Water, In Motion Are Demonstrated

How a fly acts when the paper on which he is standing is suddenly removed, was demonstrated by a slow motion picture in an illustrated lecture given by Professor Harold E. Edgerton before a recent Graduate House dinner.

In the first part of the lecture, Professor Edgerton discussed the general construction of motion picture cameras, with emphasis on high speed motion picture photography and means of controlling the lighting for the taking of these pictures.

Stroboscope Demonstrated

A demonstration of the stroboscope, an intermittent light used instead of

a camera shutter for high speed pictures, was given. Revolving disks which bore various designs were made to appear to stand still as the flashes of the stroboscope were synchronized with the revolution of the disks.

A practical application of the stroboscope was also explained. At one time, a blowing machine which was apparently in first class condition, had the habit of vibrating tremendously when it reached a certain high speed. Finally a stroboscope was used in an endeavor to discover the fault of the machine. It was found that the main shaft of the machine was too light and every time it reached a high enough speed, it began to vibrate side-wise.

High Speed Pictures Shown

Slides made from pictures taken at high speeds were presented to show various actions that take place too fast for the human eye to observe. These included flying of pigeons and mosquitoes, kicking of a football, hit-

ting of a golf ball, and water flowing from a faucet.

Professor Edgerton terminated his lecture with a showing of motion pictures that had been slowed up about 75 times. In one of these a fly was attracted to a piece of paper upon which jam had been placed. When he had become well settled, the paper was quickly snatched out from under him. Air currents created by the motion of the paper, lifted the fly into the air and at the same time caused him to be blown upside down. When he came down, he landed upon one wing and the other wing could be observed fanning the air in an effort to right the fly.

Prom

(Continued from Page 1)

Statler on the evening of March 29. Plans have materialized for a network broadcast of Eddie Duchin's music sometime during the evening.

The committee also plans to revive an old custom and distribute favors to the guests. Invitations may be procured in the Main Lobby during next week by those who have already purchased sign-ups.

Porter

(Continued from Page 1)

upon the waterpower resources in various parts of the country.

In the early eighties he joined the faculty of the Institute. For a year he was an instructor in mathematics and then became professor of hydraulic engineering, a position he held until his retirement in 1922.

He had lived in Malden for fifty years, and had served as a trustee of the Malden Public Library. He was also a member of the First Congregational Church, The American Society of Civil Engineers, The Boston Society of Civil Engineers, the New England Waterworks Association, the Society for Promotion of Engineering Education, the Tech and Yale Clubs of Boston, and the University Club of Malden.

CALENDAR

Friday, March 1

10:00—Inter Fraternity Conference Dance, Hotel Statler.

Saturday, March 2

3:00—Varsity Gym Team vs. Army, Walker Gymnasium.

6:00—The Faculty Club Dance, North Hall, Walker Memorial.

7:00—Basketball, Freshmen vs. Roxbury Boys' Club at M. I. T.

Monday, March 4

6:30—Dormitory Dinner Club Dinner, Grill Room, Walker Memorial.

7:30—M. I. T. Armenian Club Smoker, West Lounge, Walker Memorial.

Graduate House Tea Takes Place Sunday

The final step in the completion of the new Graduate House will be marked by the third Sunday afternoon tea of the present academic year sponsored by the graduates. Tea will be served in the newly appointed Ware and Macomber rooms from four until six, and the number of those who will avail themselves of this opportunity is expected to surpass that at any other similar function. The Graduate House will be thrown open for inspection and the remainder of the dormitory unit will observe open house under the usual regulations. President and Mrs. Karl T. Compton will head an imposing array of guests which will include members of the Corporation, heads of the various departments, and all the resident graduate students.

Freshman Dance

(Continued from Page 1)

that the Sophomores would hold a dance, the committee first thought of going back to that date, but when they met, it was decided that early in April would be a better time for the dance.

Nothing definite will be decided about the dance until the committee meets again next week.

THE ENGINEER DRESSES



It is only natural that we should talk about shoes after mentioning gloves.

One of the very newest and smartest types of country shoe has eliminated laces and replaced them with a strap and buckle in the manner of what the well dressed monk will wear at a monastery. In brown buck-skin, this monk-front shoe is already finding favor for both campus and country wear, and while it has not yet reached the height of great popularity, we forecast an acceptance of this style by college men.



The wool cashmere tie first blossomed forth

in a big way at Yale and it wasn't long before every school in the country followed suit and gave the wool tie first place in popularity for several seasons. The Bat tie has also been creeping back into popularity. They have been seen made of wool in printed designs that follow the foulard types in a narrower shape with blunt pointed ends.

Tonight's The Night

THE HARVARD MILITARY AND NAVAL BALL

COPLEY PLAZA

EARL HINES

ALL MEMBERS OF M. I. T. ARE CORDIALLY INVITED

They won't help you catch rivets —

they won't cause any ills or cure any ailments

— but they Satisfy

... when anything satisfies it's got to be right... no "ifs" or "buts" about it.

Chesterfields satisfy because, first of all, they're made of the right kinds of mild ripe tobaccos. These tobaccos are thoroughly aged and then blended and cross-blended.

It takes time and it takes money, but whatever it costs in time or money we do it in order to give you a cigarette that's milder, a cigarette that tastes better.

