

STUDENTS FAVOR TECH CIRCUS

FICTITIOUS NAMES CAUSE REJECTION OF 12 CANDIDATES

Thirty-Five Nomination Papers Accepted; Required 25 Genuine Signatures

PICTURES TO AID VOTERS

Marmaduke P. Vestibule, Conroy Fiditch, Minnie Pipkowitz, and other fictitious names signed to nomination papers resulted in the throwing out of twelve candidate's papers of a total of 47 submitted for office in the freshman class.

In an attempt to make easier the selection of officers, pictures of the candidates, taken at their own expense, will be posted in the Main Lobby Tuesday afternoon and all day Wednesday, November 6 and 7.

Election booths in the Main Lobby will be open from 9 A. M. to 5 P. M. Wednesday, November 7. The voter must sign the numbered stub at the bottom, in order to have his name checked off the class list, before depositing his ballot. A preferential ballot is used, the choices being listed by number in order of preference. Voters may number as many as they wish. The method of counting ballots is explained on page 158 of the T. C. A. Handbook.

Nominees for Junior Prom Committee will appear in Tuesday's issue of THE TECH.

CO-OPERATION WILL BRING EARLY RELEASE FROM FRESHMAN RULES

Bemis Says Tie Restriction May Be Removed Before End Of This Term

That freshmen should co-operate with the Freshmen Rules Committee, and by doing so have the tie restriction removed before the end of the term, was urged yesterday by Hal Bemis, '35, Chairman of the Committee.

He asked the freshmen to look on the Committee not as stern lawmakers, but merely as people responsible to the Institute Committee for the carrying out of rules set by the Institute Committee.

He declared that it was no use for the freshmen to take out their disappointment at losing Field Day by not wearing ties and other infractions of the rules. For a continued offence, a freshman can be barred from all activities for a considerable period of time. It was estimated that at present about forty men were not wearing their ties, all of whom would be spoken to by the Committee.

STUDENT PHYSICISTS TO VISIT ROUND HILL

Watch Van de Graaff Generator In Operation

Members of the Physical Society will attend a demonstration of Dr. Van de Graaff's electrostatic generator on Wednesday, November 7, 1934 at Round Hill, the Physical Society decided at their meeting last Wednesday.

Dr. Van de Graaff will attend the test and perhaps speak to the group. Those who wish to attend the demonstration (Continued on Page 4)

FORMAL CHALLENGE GIVEN TO VOO DOO

The Tech Condescends To Offer Sunday Game With Phosphorus

With the football season well on its way, THE TECH again takes the initiative and condescends to challenge the staff of the "poor Pussy" Phosphorus to the annual football game.

This challenge is given, not because THE TECH feels that such a game will be an actual contest for athletic supremacy as it used to be before Phosphorus got old and feeble, but rather to keep up the old tradition and to afford the newbies an opportunity to get some exercise.

Formal Challenge

To make the affair more legal, THE TECH presents an official and formal challenge to the Voo Doo staff: "THE TECH hereby challenges the Voo Doo to a football game, said game to take place in about two weeks, the exact time, date, and place to be decided upon by representative members of each publication."

Plans for the game, in anticipation of the acceptance of the challenge, are being made by THE TECH, these plans calling for only a five man team, which, it is felt, will be more than enough to lick any eleven that Phosphorus will be able to put up.

ALUMNI COUNCIL VOTES TO HAVE ANNUAL DAY FOR HOLDING REUNIONS

Five Year Gatherings of Past Technology Students Discontinued

Breaking a precedent of long standing, the Alumni Association Council of Technology has voted to hold yearly reunions on the day previous to Commencement. Formerly reunions were at intervals of five years with no specified date. The council acted on a recommendation of a committee which made a study of the problem.

Under the new plan the five year all-Technology reunions will no longer be held. Instead, alumni will have an opportunity to visit the Institute annually on Alumni Day and participate in the activities of commencement. The annual alumni dinner which in the past has been held in mid-winter, (Continued on Page 4)

Technology Weather Plane Goes Aloft Daily for High-Altitude Observations

Plane Takes Off Every Morning at 6:30, Meteorograph Records Temperature, Pressure, and Humidity Automatically

Despite the death of Lieutenant Henry B. Harris in an automobile accident at Elmira, New York, last summer, the Institute's Aeronautics department has continued to make high altitude weather observations. Last year Lt. Harris flew the plane alone, making a new altitude record for non-professional fliers in Massachusetts. The army plane is now piloted on alternate days by Lieutenants Arthur F. Merewether and Julius K. Lacey, both graduate students sent to Technology by the United States Army to study meteorology.

Every morning at 6:30 the plane takes off at the East Boston Airport for an hour's flight. A meteorograph

Tech Circus Poll Results

Poll by Dormitories

Floor	Dorimtory			Floor	Dorimtory		
	Yes	No	Indiffer-ent		Yes	No	Indiffer-ent
Munroe							
1	—	—	—	4	5	1	1
2	6	—	3	5	9	—	4
3	9	—	3	Total	40	3	13
4	12	—	—	Bemis			
5	4	1	1	1	11	—	—
Total	31	1	1	2	7	—	2
Hayden							
1	9	3	4	3	11	—	1
2	9	—	2	4	9	—	2
3	6	3	2	5	9	—	9
4	8	2	—	Total	47	—	5
5	8	1	2	Walcott			
Total	40	9	10	1	9	—	2
Wood							
1	8	1	4	2	5	1	2
2	11	1	2	3	12	—	—
3	7	—	2	4	10	—	—
				5	5	—	—
				Total	31	1	4

(Continued on Page 5)

ZIONIST MEETING HELD AT HARVARD

Avukah Promotes Feeling With Jewish Students In Colleges

Avukah, an organization formed to foster stronger Zionist feeling among the present generation of Jewish college students, held a meeting last Monday evening in the Philips Brooke House, at Harvard.

The meeting was conducted under the supervision of Dr. Akzin, fellow at Harvard. Mr. Charles Rosenweig, '37, Harvard, gave a short talk on the cultural structure in Palestine. The group then discussed the topic from their own points of view.

Another discussion on the social and economic structure in Palestine, was begun by Miss Franke, '36, Radcliffe. Mr. Shapiro, '35, M. I. T., gave a short talk on the views of the various classes now in Palestine as to the type of government they would like to have there.

The meeting was adjourned after deciding that the next meeting be held Monday, Nov. 5, in the Philips Brooke House, at 7 o'clock. All interested in the Avukah should see E. Postofsky, '37, Walcott 405, Technology Dorms.

COMPTON GUEST OF GRADUATE HOUSE

First Weekly Dinner Wednesday Augments Semi-Weekly House Teas

Serving the double purpose of providing an opportunity for graduate students at Technology to meet in a group and at the same time taking advantage of the many interesting and stimulating speakers in and around Boston, the first weekly graduate house dinners was held Wednesday evening in Walker Memorial with President Karl T. Compton as the first speaker.

These weekly dinners were held with marked success last year and provide an essential phase of the Graduate House activities.

The informality of the affairs is one of the most important features and a lively discussion usually follows every talk, always with an opportunity for the students to meet the speaker personally.

The beginning of these dinners Wednesday night marks the start of the Graduate House activities for the year. A number of "house teas" are planned with the accompanying "open house" throughout the dormitories. Every Tuesday and Thursday evenings members of the house gather in the buttry in the basement of Crafts for cocoa and a "bull-session." The graduates also have their own athletic organizations which compete with other dormitory teams.

Dr. Avery A. Ashdown, house-master, also announces as the new graduate house committee, E. F. Creery, Jr.; J. H. Holden; A. S. Langsdorf, Jr.; D. B. Langmuir; C. F. Partridge; and W. M. Murray.

DR. BOOS ADDRESSES CHEMISTS ON POISONS

Moore Room Filled As Expert Speaks To Society

Dr. William F. Boos, expert on medical and biological chemistry, addressed the Technology student chapter of the American Chemical Society last Tuesday in the Moore Room. Dr. Boos' talk on poisons filled the room to capacity, for the second meeting of the year.

(Continued on Page 5)

MARGIN VERY HIGH

679 Fraternity And Dormitory Men Polled Last Night By The Tech

87% IN FAVOR OF EVENT WITH ONLY 5% OPPOSED

Last Tech Circus Held In 1932; Many Organizations Participated

Five hundred and ninety-four out of a total of 678 fraternity and dormitory men asked "Do you favor the revival of the Tech Circus this year, and if so would you support it?" answered "yes" in a poll conducted by THE TECH last night.

Seventy-eight per cent of the dormitory men polled answered "yes", 6.2% answered "no", and 15.8% professed indifference. The fraternities were practically unanimously in favor, with 93.0% voting "yes", 4.3% "no", and 2.7% "indifferent".

Approximately 73% of the Senior Class in the dormitories favored a Circus, 85% of the Junior Class, 82% of the Sophomores, and 85% of the freshmen.

The last Tech Circus was held at the Institute in 1932 in the armory adjacent to Coop field. One of the features of the event was a bar conducted by THE TECH, over which was sold beer. Some of the others were a "Ferris Wheel" exhibited by the Alph Tau Omega fraternity, "The Spinning Pot" by Sigma Chi, a fortune telling booth by Kappa Sigma, a pitch penny booth conducted by Phi Beta Epsilon, movies by Phi Mu Delta, and many other booths.

The first Circus was held on March 1, 1923, and since then they have taken place at irregular intervals.

FACULTY IS INVITED TO SUNDAY TEA HELD BY GRADUATE HOUSE

All Graduates Free To Attend With Or Without Guests; Open House In Dorms

First of the Sunday afternoon teas for the Graduate House will be given in the Crafts Living Room on November 4, from 4 to 6 P. M.

Members of the Faculty have been invited to be present, said Dr. Avery A. Ashdown, chairman of the House Committee, and every occupant of the Graduate House should feel free to attend with or without guests and take advantage of the opportunities for fellowship which the teas aim to foster.

Open House in the dormitories has been approved between 2 and 7 P. M. for the tea, which is being given in continuance of a custom inaugurated last year.

Invited guests for the tea are: Dr. and Mrs. Karl T. Compton, Dean and Mrs. Vannevar Bush, Dean and Mrs. Samuel C. Prescott, Dean Harold E. Lobdell and Mrs. Katherine Wiswall, Dean and Mrs. Harry M. Goodwin, Professor and Mrs. Leicester F. Hamilton, Professor and Mrs. James R. Jack, Professor and Mrs. George R. Harrison, Professor and Mrs. Charles B. Breed, Professor and Mrs. Henry G. Pearson, Professor and Mrs. Henry B. Phillips, Professor and Mrs. W. Spencer Hutchinson, Professor and Mrs. Dugald C. Jackson, Professor and Mrs. W. J. Mead, Professor and Mrs. Frederick K. Morris, Professor and Mrs. Erwin H. Schell, Professor and Mrs. Ralph E. Freeman, Professor and Mrs. W. G. Whitman, Professor and Mrs. Frederick G. Keyes, Professor and Mrs. F. Alexander Magoun, Professor Charles E. Fuller, Professor John C. Slater, and Treasurer and Mrs. Horace S. Ford.



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AGREEING TO DISAGREE

NAVAL CONFERENCE

"KEELS for two battleships laid at Genoa and Trieste," says the New York Times. "... local clergy blessed the keels. Both cities were jubilant because the work of construction will absorb some of their unemployment."

The item might have been written some few centuries ago as a British sovereign gave orders for the strengthening of England's wooden wall. Those who strive for a world without arms must wonder at man's inertia as with the memory of war and threats of war still fresh, cities rejoice and priests give their blessings when a nation's armor is thickened.

The shipyards of the world offer a poor background for the next naval conference. With disagreement practically agreed on beforehand, the size of navies will apparently be determined in the old, old way, by the resources of nations and the depth of their suspicions.

WE'RE "AGIN" IT

FORMATION OF OPINION

IT is probable that a large part of the criticism directed at the New Deal and coming from men powerful through industrial wealth, acquired or inherited, and a large part of the praise from the "under dog" is motivated, consciously or not, by basical selfish motives.

The "revolution" in American political life has not yet progressed, and shows no signs of so doing, to the point where the power or security of the controllers of capital is seriously endangered.

A rigid application of present New Deal philosophy will, no doubt, hinder them from a free expression of their will, but under no conceivable conditions will they suffer any real hardship. Yet such is the mind of man, that even this mild threat to his present rights and privileges brings forth resentment which shows itself is not always logical criticism.

The resistance of such men to social legislation is not inspired by a desire to further the economic interests of the laborers, white collar workers, professionals, and small business men who constitute the bulk of our population. Neither are the views of "radicals" based strictly on considerations of the common good.

It would be better both for conservative and liberal if in criticism they guard more carefully against rationalization and question their reason before their ego.

SPIRIT OF THE TIME

NEW PASSENGER TRAINS

BUILT to endure too long, the passenger trains of this country's railroads appear as obstacles to progress because of the excellence of their design and construction.

Heavy, rugged and safe, these units served a declining passenger trade more or less satisfactorily. Until prodded by the stimulus of depression the railroads refused to make the drastic changes promising an increased pass-

enger revenue by approaching airplane performance. But it is claimed by the biologists that evolution, or at least mutation, occurs most rapidly in times of stress.

Motivated by heavy losses, certain companies have inaugurated a drastically new type of passenger service which is featured by high speed, frequency of service, (when and if many units are installed), air conditioning and cooling, and all the latest gadgets to attract patronage.

If prediction is based on the records of the Chicago, Burlington & Quincy "Zephyr", and the Union Pacific six car train, this modern service may revive depleted revenues as has no improvement in many years of railroad operation. The usual three car motor unit, each car weighing 70 tons, requires some 1600 horsepower to achieve the same performance as the "Zephyr" with its 660 horsepower Diesel. As a rule, steam locomotives cost some \$30 per horsepower compared to \$80 for Diesels. It takes a large saving in fuel costs to make up for a so much heavier initial cost. Nor have these lightweight cars received the test of service as to permanence and safety.

Prospects for a large number of such streamlined, high speed units being built are small, for the tremendous investment in the heavy, now perhaps obsolete passenger cars prevents their being discarded. Neither have the railroads the large surpluses needed to build many of these expensive trains.

However, speaking more from principle than from knowledge, we feel that this attempt at new schedules should be continued, for as Machiavelli said:

"He will succeed who directs his actions according to the spirit of the times."

OPEN FORUM

In opening its columns to letters addressed to the Editor, THE TECH does not guarantee publication nor does it necessarily endorse the opinions expressed. Only signed communications will be considered. However, if the writer so desires, only the initials will appear on publication.

The F.E.R.A.

To the Editor of THE TECH:

F.E.R.A. workers were considerably misrepresented in an editorial published in THE TECH last Tuesday. Accordingly, a clarification of our position seems to be in order.

THE TECH is undoubtedly correct in saying that "many of the jobs now held by F.E.R.A. students would not be available were it not for the funds provided by the government", but it is absolutely wrong in stating that "the money provided by the F.E.R.A. does not belong by right to these students, but in plain language is considerably of a gift." The money that we receive from the F.E.R.A. is paid in return for work done, and at the present rate of pay it is more than well earned. Any "gift" involved in the process goes to the Institute. Furthermore, as the editorial states, "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."

However, we wish to emphasize the fact that the F.E.R.A. is an employment program. Consequently, the example of a general wage cut in the F.E.R.A., which will certainly (?) be followed by similar measures by private employers, is in effect an attack on our general standards of pay. Therefore, is it not to the interest of every Tech employee as well as F.E.R.A. students to see that F.E.R.A. wages are maintained at levels commensurate with the type of work being done? We believe that it is, and this is the principal reason for our objection to the wage reduction.

Apparently, THE TECH fears that any criticism of our present conditions of employment will "jeopardize the certainty of thirty cents an hour." In the first place, the fact that we have just received a wage cut demonstrates the uncertainty of even the thirty cent rate. Indeed, passive acceptance of this measure is an inducement for further retrenchment. On the other hand, F.E.R.A. workers have been faced by the same situation on other projects and by letters expressing their collective protest save succeeded in restoring their wage cuts. This, for example, was the method employed with success by the Boston Chapter of the Federation of Architects, Engineers, Chemists and Technicians in the case of members who were draughtsmen and designers on the State Planning Board. We see no reason why their example should not be followed.

Finally, THE TECH attempted to estimate the attitude of the general body of F.E.R.A. students by the attendance of only six at last Saturday's meeting, without being aware of the fact that these six formed the Provisional Executive Council acting in the interests of over forty F.E.R.A. students who have already agreed to take action. Moreover, at least two thirds of the F.E.R.A. workers have yet to be approached.

Evidently, the editorial was intended to be an obituary of the new movement. However, the patient refuses to conform with the diagnosis and is far from dead.

Signed:

Provisional Executive Council
 Federation of Student F.E.R.A. Workers
 per R. L. Kennott, '34.

OPEN FORUM (Continued)

Boys Will Be Boys

To the Editor of THE TECH:

A successful Field Day! Yes, in terms of a series of clean, hard, athletic contests, it was. But this has always been characteristic of athletics at M. I. T. We have always taken our athletics for the fun of them and the physical exercise that we could get out of them, and not for publicity, prowess or prestige.

We have serious misgivings, however, as to whether the Institute Committee is doing such a great service to the students and to the good name of the Institute in substituting a bad new tradition for a bad old one. We refer to the evident satisfaction on the part of the Institute Committee over the "successful" event staged on the far side of the playing field, the nauseating, disgusting and pueril garbage fight. True enough, the flinging in each others' faces of bushels of stinking fish, rotten eggs and decayed vegetables was confined to only those students and the dozens of young hoodlums from the Cambridge slums who voluntarily participated in it. We wonder, however, if perhaps there was not a perceptible loss of self respect, if the thin veneer of civilization wasn't rubbed dangerously thin by such calculated care and solicitude on the part of the Institute Committee in making so conveniently possible this event.

Furthermore, we doubt as to whether this event and the glove fight have had much to do with the elimination of the former snake dance over the Harvard Bridge into Boston. We think this tradition died a more or less natural death after the difficulties of a few years back. Some old fashioned medical practitioners used to follow the logic of "post hoc, ergo, propter hoc" that is to say, the patient got better after taking the pink pills, hence he got better because he took the pink pills. We think the student body would have gotten over the snake dance disease anyway without having had to take a prescription involving garbage throwing. Perhaps this quaint new custom, so easily confined this year to the back of the rifle range, may at some future time blossom forth in the Great Court, or, horror of horrors, out on Memorial Drive, where someone might see it. Pulling a few trolley wires and boozing at a few policemen might then seem like a harmless diversion in comparison.

In fact, the present solution of the difficulties of Field Day might seem about as misguided to us as would be the action of a school principal who, in order to protect the front of his building from an occasional dirty word or suggestive picture, would thoughtfully provide nice smooth white walls in the basement, some crayon and a bit of charcoal and encourage the little fellows to treat themselves to some good clean uninterrupted smut without thereby injuring the good name of the school—all this on the pretext that after all, boys will be boys.

B. S. E.



Flying Fool

The other day the Institute received a letter from a German inventor addressed to the "Technical Director." It seemed that the writer had invented a contrivance which spelled the doom of the automobile and airplane, and offered a cheap means of transportation to the general public.

The contraption is very simple. It consists, according to the letter, of two metal plates, five centimeters square, two buttons, and a small charging device carried in a knapsack. The user attaches the plates to his feet, and pushes the button on his right side. This causes the plates to be charged with a force acting against gravity. The traveller is lifted to any desired height in the air, and stops his ascent by pushing the button on his left side. This discharges the plates, and gravity begins to work again. For ascents into the stratosphere, an automobile inner tube is carried from which the flyer obtains air. The knapsack carries food as well as the rest of the apparatus.

But Not So Dumb

The worthy designer of the device has secured the backing of 37 financiers, but alas, they won't give him any more money. They want to see the device work. So the inventor would like very much to get in touch with the Technology inventor of the "thinking machine". Just what he wants, he doesn't make clear, but he may want a robot to test out the device. He promises immense profits to anyone willing to go in with him. Well, we don't claim to be scientists, but we haven't heard of the law of gravity being repealed lately, as the inventor will find out when he tries his brain-child out.

Post Mortem

For the benefit of those students who went up to hear Curley speak the other day, hoping for a fight or something, we repeat a story we heard about that worthy. Curley was giving a speech at a political rally in a small town in Massachusetts. Bacon, according to Curley, was just another example of the grafting type of Morgan Company vice-president. To illustrate his point he told a story about one of those vice-presidents who died and, strangely enough, went to heaven. Accosted at the pearly gates by the angel Gabriel, he gave his credentials and the angel Gabriel went

(Continued on Page 3)

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BANQUETS—FUNCTIONS

We invite M. I. T. organizations to investigate our special rates for banquets and other group functions.

RIFLE TEAM FACES TOUGH SCHEDULE

Many Veteran Marksmen Insure A Wonderful Season Says Manager

"Despite a tough schedule, the prospects of the Rifle team are wonderful," manager C. N. Endweiss, declared last night. There are a large number of veteran riflemen back this year who have proven their mettle during many strenuous hours of competition with the team. These veterans include R. J. Greer, '35, R. A. Denton, '36, C. F. B. Price, Jr., '36, R. E. Rice, '35, and L. C. Hall, captain of the team.

The eagle-eyed Technology marksmen face a long, stiff schedule this year. Their first match will be with the Marine Corps at the Tech Rifle Range on November 16. On the 23rd the second string riflemen will shoot a shoulder to shoulder match with the Yankee Division also at the Institute Rifle range. Both of these matches will be shot from two positions, prone and standing. In December, the team will compete against the Beverly Rifle and Revolver Club and later in the month will match shots with the Lowell Textile Institute, both being held here. The team will make no trips until after February when it will attend shoots held at the Naval Institute at Annapolis, at the Military Academy at West Point, and at Yale University at New Haven.

The manager also reported the purchase of three new rifles, the ordinary Springfield .22 calibre guns with the Lyman aperture sights.

The holders of the present high scores for practice shoots held at the Institute range are as follows: Prone: 100, R. J. Greer, '35, R. A. Denton, '36, and C. N. Endweiss, '36. Kneeling: 95, C. N. Endweiss, '36, 90—Standing—J. F. Keithley, '37.

Lieutenant A. C. Bridges, commanding officer of the Freshman rifle team, issued a call for more candidates for the team. Some of the men who had been asked to come out for the team at freshmen camp have not tried out for the team; Lieutenant Bridges would like to have these men come out at once. However, all freshmen who are interested in riflery are cordially invited to come out for the team. There is no financial charge for the bullets and the use of the guns. These are all supplied by the government which also supplies fatigue clothing in which to shoot. No charge is made for the targets or anything else. It is not necessary that the applicant be a Daniel Boone as long as he is interested and is willing to try, the Rifle team will be glad to have him. It is important that all interested come out at once because much practice will be necessary for the freshmen postal matches which will take place after February. Those who make the team will be awarded their class numerals.

The schedule for rifle practice is as follows: Tuesday, 10-1; Wednesday, 9-12; Thursday, 1-5; Friday, 9-12.

The Lounger

(Continued from Page 2)

back to St. Peter to get a verification of the applicant's story. When he came back the pearly gates were gone.

At this climactical point in the story someone in the back row of the audience sang out "Ha, ha, that was one time some one got ahead of you, Curley."

Was Our Face Red?

The freshmen this year are evidently smarter than we'd given them credit for being. Last time we told about how we'd changed a Field Day story to cast less ridicule upon the Sophomore class. Well, it seems that as soon as we'd turned our back, some freshmen quietly erased our correction and replaced the original statement. This held that the second year class was composed to a large part of fish who sought to evade freshmen by hiding in barrels. The story in this form was run right along with our dissertation, and everyone we met asked us. Next time we're going to follow such a story right down to the printer's.

SPORTS COMMENT

Coach Henry McCarthy has quite a problem on his hands in selecting a capable quintet to take the floor against Harvard in the Hangar Gym on December 8. McCarthy has to find men to replace Gene O'Brien, Red Kennedy, Tom Murphy, and Bob McIver. Only three real veterans remain from last year. These men, Demo, Garth, and Thornton, will probably form the nucleus of this year's outfit. Freddie O'Brien, no relation to last year's Gene, may pair up with Thornton at the forward berths, while Dick Smith, a rangy senior who was ineligible in 1933-34, is being groomed for the pivot position.

Coach McCarthy has the squad of candidates working out daily, with the freshmen turning out three times a week. Red Steele, coach of the freshman Field Day football team, was assisting McCarthy with the yearling hoopsters at their last practice session and will continue to do so in the future. Steele is a graduate student at the Institute and should prove an able aid to the head coach.

Evidently the soccer team is determined to stay in the scoring column as long as possible. After chalking up their first counter in nearly two seasons last Saturday, the booters tallied again in the Army game at West Point on Wednesday. May they continue their scoring and may they soon make enough goals in one contest to enable them to be on the long end of the count at the end of the contest.

The playoff for the Dorm Indoor Baseball Championship has been set for next Tuesday morning. Neither Walcott nor Munroe, the two contestants, has lost a league game this season, so there ought to be a real hot struggle on tap Tuesday. Because of recent disputes and bickerings engendered by umpires' decisions it is expected that two arbiters will handle the game, one man being behind the plate, the other on the bases.

DEBATE SOCIETY HAS REGULAR GATHERING

The Debating Society of the Institute held its regular meeting last night in West Lounge of Walker. An informal debate on state control of munition manufacturing was preceded by a business meeting. The Execu-

tive Committee was empowered to select the teams for next month's debates with Holy Cross and Middlebury.

The chairman for the debate was Donald G. Gleason, '37. Benjamin Siegel, '38, and Paul A. Vogel, '37, gave the arguments for the affirmative. Andrew Stergion, and Ross E. Black, '37, spoke for the negative.

HANDICAP MEET TO BE HELD SATURDAY

Coach Oscar Hedlund will run another handicap meet tomorrow afternoon at two o'clock when he gathers under his folds most of his first year track men, together with all of his cross country stars and all other men interested in track. Since these periodic handicap meets are open to all men in the Institute including transfers, a sizeable turnout of men interested in track is usually present.

This week-end's meet is doubly interesting in that Oscar has ordered his cross country men to participate in the two mile event. In addition there will be the following events: 150 yard dash, 1/4 mile run, 120 yard low hurdles, the javelin, shot, and hammer throws. All freshmen who have substituted track for P. T. can participate in the meet and get credit for attendance.

Typists who use the touch system use their left hand 17% more than their right.

EXPERIENCE LACKING AMONG FROSH FENCERS

Coach Roth Satisfied With Season Material

Fencing Coach John Roth will have to build next season's freshman team from the bottom up, as only two of the twelve candidates for the yearling team have had any previous experience.

Coach Roth, however, is not dismayed at this fact although there are only half as many freshmen out this year as there were last. Roth is hopeful because all of his small squad are very willing and conscientious workers.

During the first two practices this week, the new comers were drilled in the fundamentals of advancing and retreating both by Roth and by members of the varsity who assisted him.

Michigan State College is considering a football course for men and women.

You can slam the Dining Halls and we don't give FF's. We endeavor to give you an H rating in food and service always.
Technology Dining Halls

the Wellman Process does this —

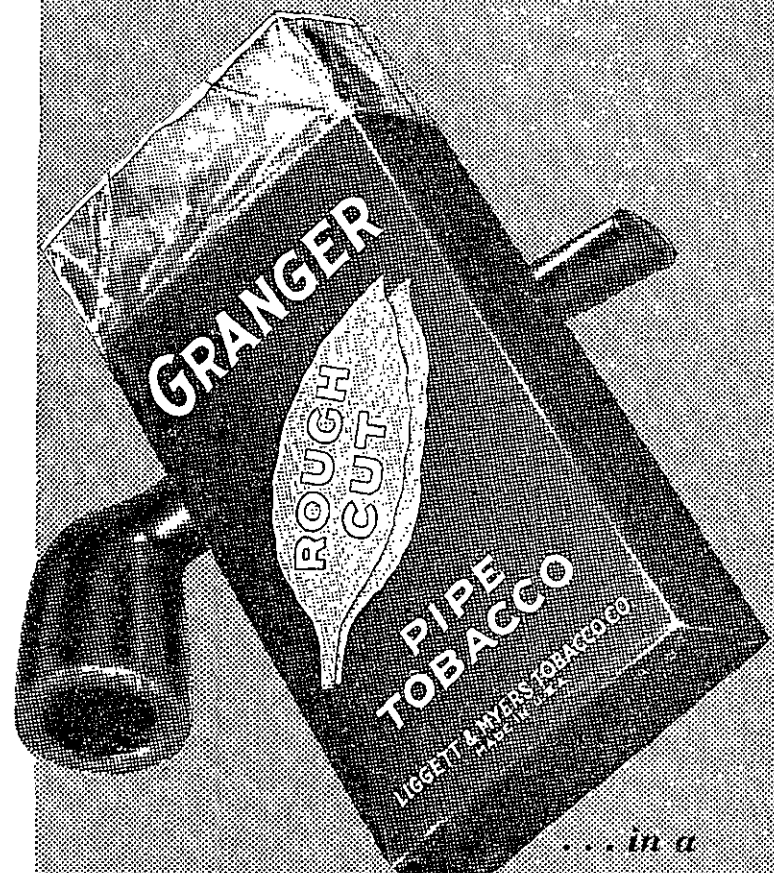
..it makes the tobacco milder

In the manufacture of Granger Rough Cut Pipe Tobacco the Wellman Process is used.

The Wellman Process is different from any other process or method and we believe it gives more enjoyment to pipe smokers.

- ... it gives the tobacco an extra flavor and aroma
- ... it makes the tobacco act right in a pipe—burn slower and smoke cooler
- ... it makes the tobacco milder
- ... it leaves a clean dry ash — no soggy residue or heel in the pipe bowl

LIGGETT & MYERS TOBACCO CO.



... in a common-sense package — 10c

We wish in some way we could get every man who smokes a pipe to just try Granger

Editor's Note: Following is a part of the text of the Undergraduate Constitution, with which we feel more students should be familiar. The remainder of the Constitution will be published at some later date.

CONSTITUTION
of the

Massachusetts Institute of Technology
Undergraduate Association

Preamble

Whereas, it seems wise that all activities among the students of the Massachusetts Institute of Technology should be so organized and conducted as to work for the good of the welfare and renown of THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY, it is fitting that some central organization, chosen and controlled by the student body, have and exercise general powers of supervision over all individual activities insofar as they affect the student body as a whole.

To this end it seems necessary that the entire body of undergraduates should be brought together as a unit in order that the legislation and executive powers may be transferred upon such a central body as is mentioned in the preceding paragraph. It is, therefore, enacted by the undergraduates attending the MASSACHUSETTS INSTITUTE OF TECHNOLOGY that such a general organization should be effected, and to this end the following constitution governing the student body is adopted.

CONSTITUTION

ARTICLE I

Name of Organization

The name of this organization shall be the MASSACHUSETTS INSTITUTE OF TECHNOLOGY UNDERGRADUATE ASSOCIATION.

ARTICLE II

Purpose

The purpose of this organization is to regulate and control the acts of the student body in its relation to the Institute and to the general public, and to exercise such supervision over the several student activities as will insure that the same are conducted in the best interests of the student body as a whole and to the credit of THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

ARTICLE III
Membership

All registered students at The Massachusetts Institute of Technology are by virtue of such registration members of this organization, such membership to be subject to such rules and regulations as may be herein or hereinafter enacted by this organization.

ARTICLE IV

The Institute Committee

Section 1. All the legislative and executive powers of this association are hereby invested in a representative body to be chosen as hereinafter provided. This body shall be known as THE INSTITUTE COMMITTEE.

Section 2. All acts and decisions of The Institute Committee shall be considered to be the acts and decisions of this Association, except that on petition presented in writing by fifty students, within ten days of the enactment of such acts and decisions by The Institute Committee, they shall be presented to the Association for ratification or rejection, as provided in Section 3.

Section 3. On receipt of a petition as provided in Section 2, The Institute Committee shall, within four days, issue a call for a general vote on the matter in question, the same being taken by written ballot within fourteen days but not earlier than seven days, after the issue of such a call. Two-thirds of the ballots cast shall be necessary to annul any act or decision of The Institute Committee.

Section 4. The Institute Committee shall consist of three members of each class, of whom one shall be the class president, the other two to be elected at large; and one from each of the following undergraduate organizations:

- Dormitory Committee
- M. I. T. Athletic Association
- Musical Clubs
- Tech Show
- Technique
- Technology Christian Association
- The Tech
- Voo Doo
- Tech Engineering News

- Combined Professional Societies
- Walker Memorial Committee
- Budget Committee
- Elections Committee
- Commuters' Association
- Interfraternity Conference

Section 5. Any other organization now existing or hereafter duly organized by the undergraduates may, by two-thirds vote of The Institute Committee, be granted representation thereon, and any activity having a representative on the committee may, by a similar two-thirds vote, be denied such a representation, provided notice of the proposed action of the committee shall have been given the members of that organization and full opportunity granted them to present arguments and reasons why such action should not be taken.

Section 6. After the acceptance of this Constitution by the student body the election of representatives on The Institute Committee on the part of class organizations or other student organizations shall be deemed an acceptance of this Constitution and its authority.

ARTICLE V

Organization of The Institute Committee

Section 1. The officers of The Institute Committee shall consist of a President, a Vice-President, Secretary and Treasurer, who, with the Chairman of the Walker Memorial Committee and one more member elected at large by the Committee from its members shall constitute an Executive Committee.

Section 2. The President of the Senior Class shall be the President of the Institute Committee, and the Chairman of the Budget Committee shall be the Treasurer of the Institute Committee. All other officers of the Committee shall be chosen annually by the Committee by written ballot.

Section 3. The Institute Committee shall enact such By-Laws as may be deemed necessary and not inconsistent with the provisions of this Constitution.

ARTICLE VI
Amendments

Amendments to this Constitution may be recommended by the Institute Committee or by a petition of one hundred (100) members of the Association. Any amendments so recommended shall be submitted by the Institute Committee to the entire body for consideration by publication or posting at least thirty (30) days before the day set for voting; two-thirds of the votes cast shall be necessary to adopt the same, provided twenty-five (25) per cent of the total membership vote.

BY-LAWS

ARTICLE I

The name of this organization shall be The Institute Committee.

ARTICLE II

The function of this Committee shall be as provided for in Article IV, Section 1, of the Constitution.

ARTICLE III

Section 1. The membership of the Institute Committee shall consist of three members of each class, of whom one shall be the class president, the other two shall be members of the class elected at large by the class; and shall furthermore consist of one representative from each undergraduate organization to whom a seat has been granted as hereinafter provided; and, in addition, the chairmen of the various standing committees of The Institute Committee who are granted ex-officio membership of The Institute Committee.

Section 2. The class members shall attend the first meeting of The Institute Committee after their election. They shall not have the right to vote on any questions at this meeting except the election of officers of The Institute Committee. In this election the superseded members shall not have the right to vote. At the adjournment of this meeting the retiring class representatives shall give up their seats to the new representatives.

Section 3. All members of The Institute Committee shall assume office at the organization of the new Institute Committee in May and hold same until the last meeting of that Institute Committee. Organizations changing officers at periods other

Freshman Class Nominees

PRESIDENT

- Robert L. Alder
- Carl L. Bausch, Jr.
- John K. Cook
- John S. Cleworth
- Harry E. Draper
- Louis L. Fireman
- Frank S. Gardiner

- W. Harrison Phinzy
- Fred P. Foreman
- Llyod M. Hier
- Sol Kaufman

INSTITUTE COMMITTEE

- James B. Hess
- James Emery
- Harold W. Butler
- Jack Bittel
- Welcome W. Bender, Jr.
- J. P. Au Werter
- Burton D. Aaronson
- Frederick J. Kolb
- Robert Smith
- Harry B. Hollander
- Dudley A. Levick, Jr.
- Richard Muther
- Andrew P. Stergion
- Frederick E. Strassner

VICE-PRESIDENT

- Anthony Chmielewski
- Ralph B. Cobb
- N. Leroy Hammond, Jr.
- Forrest Judkins
- Archibald M. Main, Jr.
- W. C. Rice
- William F. Shuttleworth

SECRETARY-TREASURER

- Martin R. Cines
- Robert Treat, Jr.

ALUMNI COUNCIL VOTES FOR ANNUAL REUNIONS

(Continued from Page 1)

will henceforth be held on the evening of Alumni Day. It is expected, however, that nearby alumni of Technology will hold one or more informal dinner meetings during the winter months.

Open House To Be Held for Alumni

While details of reunions under the new plan have not yet been worked out, all classes holding reunions would be expected to schedule them to make it possible for their members to take part in the activities of Alumni Day. It is also planned to have the Institute hold an open house for alumni with all members of the faculty and staff present to meet their former students. In addition, there would be scientific demonstrations in the various departments under the auspices of the Faculty Club. The activities of Alumni Day would also make it possible to entertain the Commencement speaker and members of the 25 and 30 year classes who would be in Cambridge to participate in the commencement ceremonies.

Technology's new reunion plans are expected to go into effect next year and Alumni Day will be June 8, the day before the Institute's sixty-eighth commencement. The committee which made the study was composed of Harold B. Richmond, chairman; Henry E. Worcester, Donald G. Robbins, Raymond S. Stevens, and Ralph T. Jope, secretary.

than this shall not change their representative until the regular time as defined above.

Section 4. All vacancies in The Institute Committee shall be filled by the organization concerned in accordance with the constitution and by-laws of that organization. No person may become a member of The Institute Committee without submitting written credentials from the organization which he represents. In case the official representative of an organization cannot be present at a meeting of The Institute Committee, the Committee may seat a substitute who shall have a written authorization signed by the absent member or by the organization which he represents.

ARTICLE IV

Section 1. The officers and Executive Committee, as provided for in Article V, Section 1 and 2 of the Constitution, shall, with the exception of the President, the Chairman of the Budget Committee, and the Chairman of the Walker Memorial Committee, be elected by written ballot at the first meeting following the election of the representatives from the classes. Voting in this election shall be in accordance with Article III, Section 2, of these By-Laws.

Section 2. Standing committees and other committees shall be organized, and shall operate in accordance with the REGULATIONS OF COMMITTEES.

ARTICLE V

Section 1. It shall be the duty of the President to preside at all meetings of The Institute Committee and of The Executive Committee.

Section 2. The Vice-President shall assume the duties of President in case of the absence of the latter. In case

of his resignation, however, the Vice-President of The Institute Committee shall become President of The Institute Committee, or his successor shall become President of The Institute Committee. He shall assume the responsibility of collecting and filing reports of the four classes or subcommittees of The Institute Committee as provided in Article XI.

Section 3. The Secretary shall keep all records of The Institute Committee and shall send notices of all meetings to all members of the Committee. The Secretary shall further send a list of all elections and appointments that have been approved by the Institute Committee subject to the approval of the Walker Memorial Committee to the Walker Memorial Committee immediately after each meeting of The Institute Committee.

Section 4. The Treasurer shall receive, be responsible for, and disburse all moneys of The Institute Committee and all of its sub-committees in accordance with the regulations of The Budget Committee. He shall act as sole depositor for all moneys belonging to the classes.

Section 5. The Executive Committee shall receive and consider all matters brought before it by the student body, and shall present to the Institute Committee for action such matters as are deemed important, together with the facts pertaining thereto. The Executive Committee shall hold two special meetings each year, one in the spring and one in the fall, for the purpose of regulating the extra-curricula calendar.

ARTICLE VI

Section 1. The Institute Committee shall hold meetings every two weeks throughout the school year.

PHYSICAL SOCIETY WILL MAKE ROUND HILL TRIP

(Continued from Page 1)

stration should leave their names with Miss Thomas at Room 4-239. As transportation must be furnished by private cars, owners are especially invited to attend the demonstration.

Work on the new telescope on which nothing has been done for almost a year has been started again. Men who are interested in grinding mirrors and in construction of the base of the telescope should see Mr. Edward F. Gaughan, '36, at the dormitories. It is hoped that the telescope will be ready for the 1935 Open House Day.

Undergraduate Notes

The *Technique* informal boxes have been placed in the information office and Dorm office. Any pictures or snapshots, especially of Field Day or Freshman Camp, will be gratefully received. Drop them in either of the boxes at your convenience.

Section 2. Special meetings may be called at any time by the President or by The Executive Committee. Within three days after having received the written request of ten members, the President shall call a meeting of The Institute Committee to be convened within five days of the date of the request.

Section 3. The order of business for Institute Committee meetings shall be as follows:

1. Roll call
2. Reading minutes of previous meeting
3. Special business
4. Reports of standing committees
5. Reports of other committees
6. Old business
7. New business

Section 4. Roberts' Rules of Order shall cover all procedures of this Committee except those covered by the Constitution and By-Laws.

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Boston's Smartest Rendezvous

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PAYSON RAYE and his MUSIC

DON HOWARD

Star of Radio and Stage

THE HOTEL TOURAIN

Remodeled and Improved, Once Again Takes Its Place Among the Leading Hotels of America

LUNCHEONS DAILY—CONCERT MUSIC

BANQUET AND FUNCTION ROOMS

FOR ALL PURPOSES—FOR ANY SIZE GROUP

RATES UPON REQUEST

HOTEL TOURAIN

BOSTON

COULON-LA FRANCHE MANAGEMENT

George A. Turain, Gen. Manager

Tech Circus Poll Results

(Continued from Page 1)

Floor	Dormitory			Fraternity	Yes	No	Indiffer-	Yes	No	Indiffer-
	Goodale	Yes	No							
1	8	—	—	Delta Kappa	35	0	0			
2	7	—	4	Epsilon	10	1	1			
3	7	—	1	Delta Psi	16	1	2			
4	10	—	—	Delta Tau Delta	23	0	0			
5	7	1	—	Delta Upsilon	23	0	0			
	—	—	—	Kappa Sigma	15	0	0			
Total	39	1	5	Lamba Chi Alpha	20	1	1			
				Phi Beta Delta	13	3	2			
Total of all Dormitories	188	15	38	Phi Beta Epsilon	20	0	0			
				Phi Delta Theta	12	0	0			
Dormitory Poll by Classes										
Class	Yes	No	rent	Phi Kappa	12	0	0			
1935	48	8	10	Phi Kappa Sigma	4	0	0			
1936	62	3	8	Phi Gamma Delta	29	2	0			
1937	62	2	12	Phi Mu Delta	10	1	1			
1938	72	1	12	Phi Sigma Kappa	8	3	2			
				Sigma Alpha	18	0	0			
Poll by Fraternities										
Fraternity	Yes	No	rent	Epsilon	11	0	0			
Alpha Tau Omega	14	1	0	Sigma Alpha Mu	27	0	0			
Beta Theta Pi	14	2	4	Sigma Chi	21	0	0			
Chi Phi	11	0	0	Sigma Nu	15	0	0			
				Theta Chi	29	0	0			
				Theta Delta Chi	29	0	0			
				Fraternity total	406	19	13			
Vote Percentages										
	Votes Cast	Yes	% Yes	No	% No	Ind.	% Ind.			
Dormitories	241	188	78.0	15	6.2	38	15.8			
Fraternities	438	406	93.0	19	4.3	13	2.7			
Total	679	594	87.6	34	5.0	51	7.4			

OUTSTANDING STUDENTS GET WASHINGTON TRIP

R.O.T.C. Units to Send Senior From Each Corps Area

A three day visit, all expenses paid, to Washington, D. C. has been offered as an award to the most outstanding R.O.T.C. student of the Senior Unit of the Department of Military Science at the Institute.

This offer has been made by the Civilian Military Education Fund through Ralph C. Bishop. The national R.O.T.C. plans for a visit to Washington this fall by one R.O.T.C. student from each Corps Area in the United States. Only those attending 1934 R.O.T.C. camps are eligible.

Pershing Gold Medal To Be Awarded
While in Washington, each of the winners will be the recipient of the new Pershing Gold Medal for military merit. President Roosevelt will be asked to make the presentation.

Under the national plan each Professor of Military Science and Tactics of a Senior Unit will submit to headquarters the name, record, and picture, in uniform, of an outstanding R.O.T.C. student of his institution. The record is to include the student's scholastic standing and an estimate of his achievements in campus and military leadership. Efficiency in training, character, and appearance, will be considered. One principal and one alternate will be selected by the Headquarters of each Corps Area.

CHEM. SOCIETY HEARS LECTURE BY DR. BOOS

(Continued from Page 1)

"It is amazing how little acknowledgement some judges give court experts," the speaker said. He continued his remarks by pointing out how ignorant some plant physicians are in rendering first aid. "If a man reports his eyes sprayed with hydrochloric acid," Dr. Boos remarked, "the doctor would probably recommend boric acid as an antidote."

During the meeting which lasted two hours, cocoa, sandwiches and cookies were served. Plans were announced for the second Chemical Society trip.

SEVENTY YEARS AGE OF OLDEST ALUMNUS

Two From Class of '68 Head List In Alumni Directory

Oldest living alumni of the Institute are listed in an honor roll included for the first time in the recently published directory of the Alumni Association.

Robert H. Richards and Daniel M. Wheeler both of the class of '68 are listed first and second respectively. Beside the new list authorized last May by the Alumni Council, the directory includes lists of officers of the

association, class secretaries, advisory councils for undergraduate activities and various committees.

Local clubs of alumni are listed with their officers and the dates and places of the regular meetings. The addresses of Honorary secretaries of the association (local representatives) are given. Also included are the alumni representatives on the departmental visiting committees.

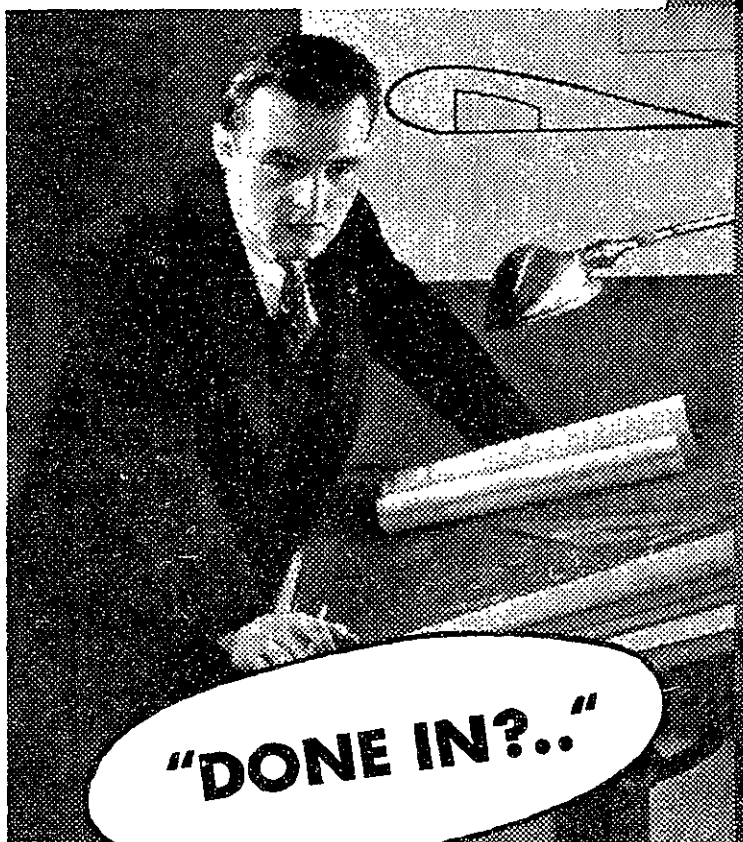
Mr. Richards whose home is in Jamaica Plain was ninety years old last August. He graduated in mining engineering. He is two years older than Mr. Wheeler the second oldest alumnus.

Dance
TO
ANSON WEEKS
and his Orchestra

● For quite good reasons, people are dancing—this season—at The Statler. A famous orchestra... a famous place.

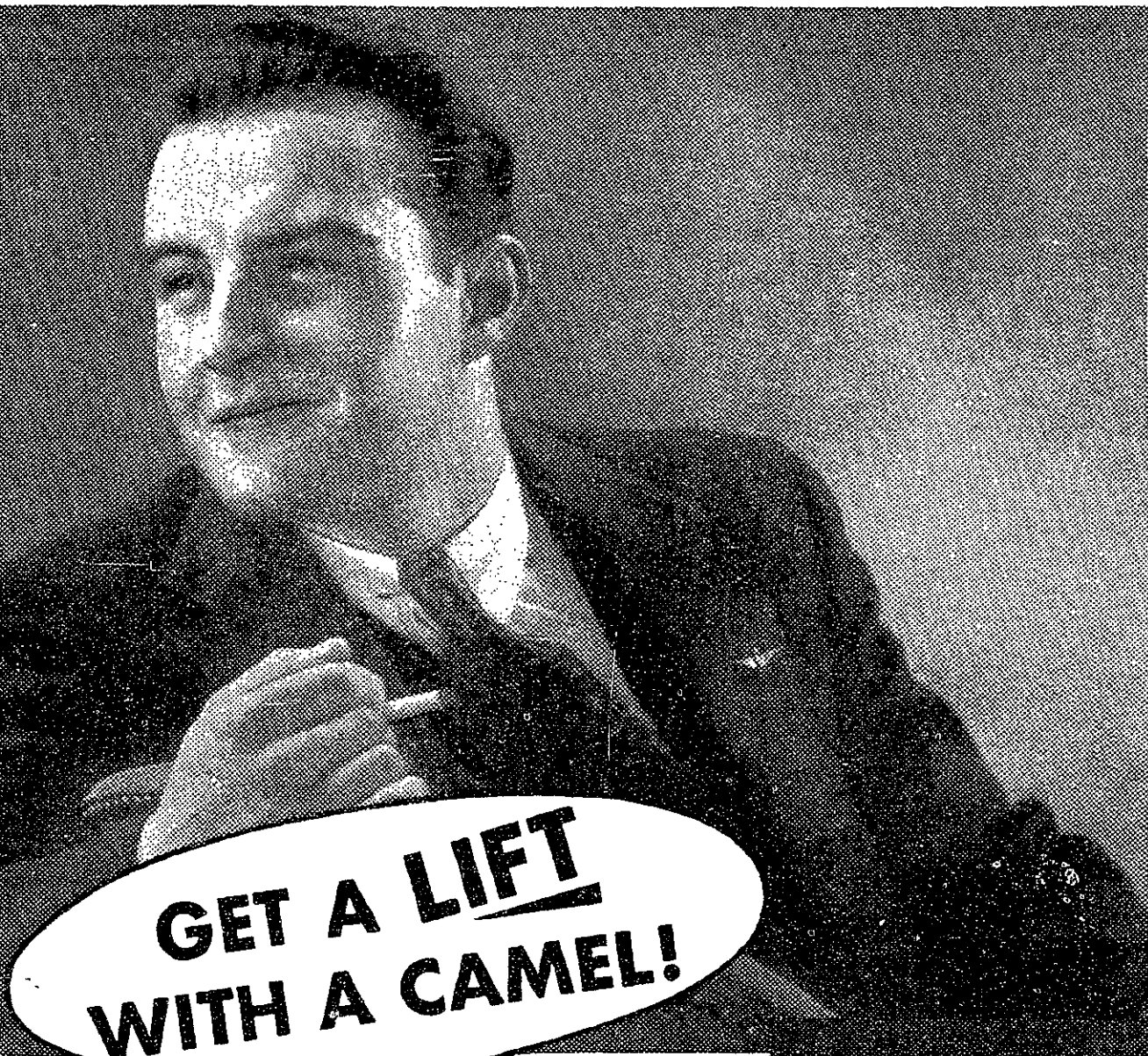
DINNER DANCING in the Dining Room...
SUPPER DANCING in the Salle Moderne.

The **STATLER**



"DONE IN?.."

ROBERT FEDDERN '35. He says: "I'm interested in every phase of flying—majoring in aeronautics. It takes a lot of mental concentration. Three or four hours of intense study is enough to tire anyone. I light up a Camel frequently. Camels always give me a 'lift' that quickly chases away any tired feeling. And what a flavor Camels have—so rich and mild!"



GET A LIFT WITH A CAMEL!

Here's the way to get back your energy quickly when you feel glum and weary! Thousands of smokers have adopted the way of combating low energy and low spirits mentioned by Feddern. When their energy sags down they smoke a Camel and get a delightful "lift!" It's healthful—delightful—enjoyable. Smoke Camels as often as you want them. Their finer, MORE EXPENSIVE TOBACCO'S never get on the nerves!



AIR HOSTESS. Says Miss Marian McMichael, R.N., of the American Airlines: "When the run is over and I'm off duty, my first move is to light a Camel. A Camel quickly relieves any feeling of tiredness—and how good it tastes. Camels are so delightfully mild!"

ANIMAL COLLECTOR. Frank Buck says: "It takes healthy nerves to bring 'em back alive. It's a job packed with thrills, excitement and real danger. I am a heavy smoker. I like to smoke Camels, for I can safely smoke all I want without upsetting my nerves."



TUNE IN! CAMEL CARAVAN with Glen Gray's Casa Loma Orchestra, Walter O'Keefe, Annette Hanshaw, and other Headliners—over WABC-Columbia Network.
TUESDAY . . . 10 p.m. E.S.T. THURSDAY . . . 9 p.m. E.S.T.
9 p.m. C.S.T.—8 p.m. M.S.T. 8 p.m. C.S.T.—9:30 p.m. M.S.T.
7 p.m. P.S.T. 8:30 p.m. P.S.T.

TOBACCO EXPERTS ALL SAY:
"Camels are made from finer, More Expensive Tobaccos—Turkish and Domestic—than any other popular brand."



CAMEL'S COSTLIER TOBACCO'S NEVER GET ON YOUR NERVES!

CALENDAR

Friday, November 2
 5:00—F.E.R.A. Workers Meeting, Room 4-270.
 Saturday, November 3
 2:00—Musical Clubs Rehearsal, North Hall, Walker Memorial.
 9:00—Baton Society Dance, 5:15 Club Room, Walker Memorial.
 Monday, November 5
 6:30—Dorm Dinner Club Meeting, Grill Room, Walker Memorial.
 Tuesday, November 6
 3:00—Technology Matrons Tea, North Hall, Walker Memorial.
 5:00—Glee Club Rehearsal, Room 10-250.
 6:00—Scabbard and Blade Smoker, North Hall, Walker Memorial.
 6:30—M. I. T. Orchestra Rehearsal, Room 10-250.
 7:00—Sigma Chi Basketball Practice, Hangar Gymnasium.

MUSICAL CLUBS BEGIN REHEARSALS FOR FALL SERIES OF CONCERTS

Vacancies Still Open In All Groups, Especially Glee Club

Rehearsals of all the units of the Combined Musical Clubs are in full swing in preparation for the fall concerts of the clubs. The coaches are shaping the new men into form to fill the vacancies left by graduation.

Although there has already been a large turnout for all departments, the coaches announce that there are still vacancies in all the clubs, especially the Glee Club. No special talent or previous training is required to join

the clubs as it is expected that under the training of the coaches, men will develop to fill the positions. Since there are only two weeks before the first concert of the combined clubs at the Franklin Square House, on November 14, it is desired that any student wishing to join any section report at the rehearsals or at the management offices in Walker Memorial.

At present negotiations are being made to put on a series of radio broadcasts over local stations. It is also anticipated that the Tech-Wellesley Concert will be broadcast over a coast-to-coast radio hookup, since the Glee Club broadcasts were so favorably received last year. In addition to a series of concerts whose final arrangements are pending the clubs will present their Christmas, Mid-winter and Spring Concerts and Dances as usual this year.

ENGINEERS MEET DEFEAT AT HANDS OF ARMY BOOTERS

Tech Soccer Team Shows Great Improvement But Army Wins, 5 to 1

BROWN NEXT ON SCHEDULE

The Tech booters were defeated by a score of 5 to 1, by Army at West Point, last Wednesday. The score is not indicative of the marked improvement the Engineers showed as they put up their best game of the season.

Army scored three goals in the first period before the Engineers hit their stride. After that Army was outplayed, and could make no headway until the last period, when the Engineers again weakened. Waxman scored the Tech goal on a penalty kick in the first period.

After this encouraging showing, hopes are high for a victory over Brown at Providence this Saturday. A victory would do much to compensate for the 3 to 1 overtime defeat met at their hands last year. Tech led until the third period, but Brown tied the score before the final whistle, and forged ahead in the extra period.

There are still several managerial positions open to any Sophomores who may be interested in this branch of the work. Those wishing to try out for them are advised to report to the Clubs' offices in Walker Memorial.

WEATHER PLANE MAKES HIGH ALTITUDE FLIGHTS

(Continued from Page 1)

at Phillips Academy, Andover, he turned to science again, and became a graduate student in chemistry at Technology, receiving the degree of Master of Science in 1925.

While at the Institute, he became interested in aeronautics. Not yielding to this new influence, he worked during the next four years for Squibbs and Co. in New York and the Carborundum Co. at Niagara. Then finally in 1929 he went to the army flying school at San Antonio, Texas. The rest of his time has been spent at various air fields, particularly at Chanute, Illinois.

Lacey Active in Aeronautics

Lieutenant Julius K. Lacey is a graduate of the University of Tennessee in 1927. He has furthered his education in the Government Flying School, and the Army Air Corps Technical School, and has attained wide practical experience in his work in the industrial world.

He is at the Institute on a partial duty status, studying meteorology and acting as pilot on the daily observation flights.

After graduation, Lieutenant Facey became connected with the Aluminum Company of America as plant department head. In 1929, he went to the Government Flying School at San Antonio, from which he was graduated as Airplane Pilot in 1930. In May of the same year, he accepted a commis-

sion as Second Lieutenant in the Army Air Corps.

From San Antonio, the young officer went to Selfridge Field, Michigan, where he spent the next year with the First Pursuit Group.

To increase his knowledge of the engineering side of aeronautics, which has always interested him keenly, Lt. Lacey spent a year at the Army Air Corps Technical School, studying airplane maintenance engineering.

Oxygen Supply Needed

The plane, a Fairchild, can be flown to the great height of 22,000 feet only if it is equipped with oxygen for the pilot. Because this need has not yet been filled this season, it has not gone to a greater altitude than 15,000 feet. The flight takes an hour or more, an effort being made to take the observations at the same time all over the country so that the results should be comparable. The predictions, made by Dr. Hurd Curtis Willett, Assistant Professor of meteorology at the Institute, are valid for a day and a half.

The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts. Boston, Massachusetts
 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. Staller Office Bldg., Park Sq., 60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.



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They Taste Better

You'll find every Lucky firmly round and fully packed with long golden strands of fine tobacco—only the clean center leaves—these are the mildest leaves—they cost more—they taste better.

The clean Center Leaves—
 these are the mildest leaves
 They Cost More



"It's toasted"

✓ Your throat protection—against irritation—against cough

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