

Prom To Have One Orchestra

INTER-FRATERNITY CONFERENCE PLANS BULK FOOD BUYING

Cooperates With Walker Dining
Service in Mass Buying
Of Provisions

NEW FRATERNITY ADDED

Phi Beta Delta Is Elected To
Conference in Meeting
Of Last Evening

Fraternalties belonging to the Inter-
fraternity Conference will cooperate with
the Walker Memorial Dining Service in
buying their food, it was announced at a
meeting of the above organization at the
Sigma Kappa house last night. Phi
Beta Delta was admitted to the Confer-
ence at this meeting.

For three years or more the Inter-
fraternity Conference has been trying to
organize a plan by which they could ob-
tain wholesale prices on food by buying
in bulk. Plans similar to this have been
tried with varying success at other col-
leges throughout the country, but this
one is unique in one respect. So far as has
been determined, no other group of college
fraternalties has ever combined buying
privileges with the official dining service of
their college in order to obtain reduced
prices.

Make Great Saving

About \$150,000 is spent on food an-
nually by the twenty-two fraternalties that
comprise the Inter-fraternity Conference.
If the new commissary plan succeeds, a
saving of more than ten per cent of this
amount will be effected. All of the frat-
ernalties' supplies will be bought from the
one wholesale houses that Walker Mem-
orial Dining Service deals with. Mr.
Bridges, Superintendent of the Walker
Memorial Dining Service, and Mr. Car-
e, his assistant, both spoke at the I.F.C.
meeting last night, outlining in detail the
proposed buying plan, and offering their
personal services to any fraternalty stew-
ards that wanted to confer with them
concerning budgets.

Discuss Spring Dance

Several of the delegates suggested lim-
iting the size of the I.F.C. Spring Dance
by lowering the usual subscription price
to \$2 or \$3. This suggestion elicited much
discussion from the assemblage. Dele-
gates from three of the fraternalties re-
ported their houses as being against
having any Spring Dance.

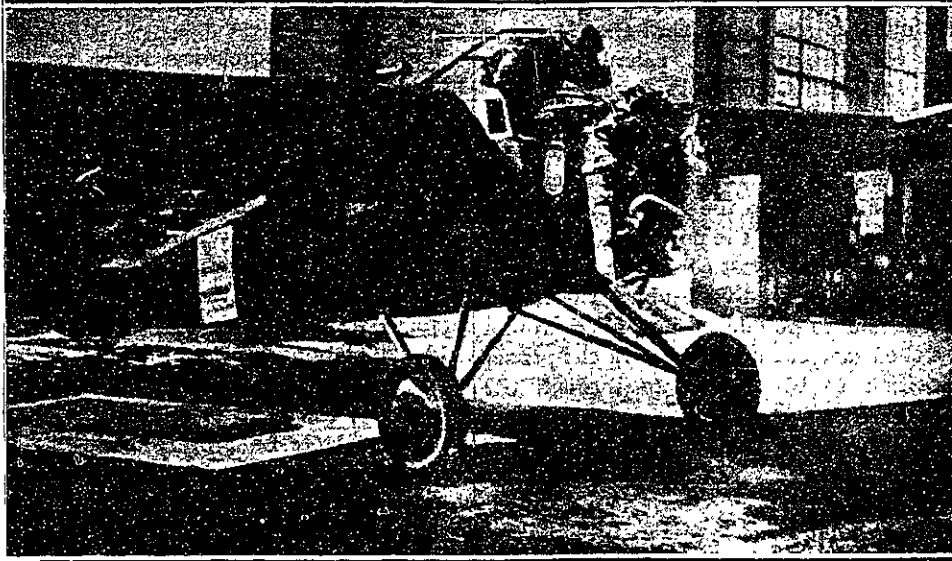
Announce Circus Plans

President Barker outlined Circus plans
to the fraternalties. "It is hoped that
every fraternalty will have a booth of some
kind at the Circus," he said. Fraternalties
charged \$5 each for concessions, he
explained. The first five dollars received
from the sale of tickets then goes to the
organization sponsoring the booth. Re-
mains over that amount are divided
equally between the activity running the
Circus, and the Institute Committee which
sponsors the Circus. At previous Circuses,
such as \$50 has been made by activi-
ties that had an attractive booth.

Announce Next Meeting

A delegate from the Sigma Alpha Epsi-
lon house volunteered the facilities of his
house for the next monthly meeting of
the organization. A motion to this
effect was carried.

WEATHER FLIGHTS RESUMED AFTER CRACK-UP



Professor Daniel C. Sayre '23, is shown getting into his Cessna monoplane before taking off on a flight in search of weather data.

Professor Sayre Resumes Morning Flights In Search Of Weather Data

Prof. Fuller Will Hold Tryouts for Dramashop Play

Four Co-eds Required In Cast Of Fifteen For "The Queen's Husband"

Tryouts will be held in Room 2-176,
after 3.30 o'clock today, for Dramashop's
second-term production, "The Queen's
Husband," a comedy in three acts by
Robert E. Sherwood. Roland Young, in
the part of the King, led the cast of this
play in its New York production a few
years ago.

Among Sherwood's successes were "The
Road To Rome," a comedy that was pro-
duced on Broadway in 1927, and "Water-
loo Bridge," which had a long run in New
York, beginning in January, 1930. His
latest is "Reunion in Vienna," produced
very successfully by the Theatre Guild.
"The Queen's Husband" has never been
produced professionally in Boston, but was
once given by amateurs in Newton.

Fifteen people, including four co-eds,
are desired by Coach Dean Fuller to fill
the parts in this new production. Any
student is eligible to tryout for a part.
Tryouts will be held in Room 2-176 this
afternoon from 3.30 o'clock on.

COMMITTEE DEFERS ACTION ON R. O. T. C.

At the meeting of the Student-Faculty
Curriculum Committee last night, it was
decided that any decision regarding the
question of Military Training at the Insti-
tute should be made only after a very
thorough consideration of student opinion
and the merits of both the present system
and the proposed optional training.

Discussion at the meeting centered
around the point of whether the Com-
mittee should attempt to gather further
student opinion. It was decided that the
group would postpone action, giving time
for every member to become acquainted
with the sentiment among Institute stu-
dents and to consider the supporting evi-
dence of each side.

The question of Military Science was
referred to this Committee by the Faculty
after a petition had been presented by
students interested in the discontinuance
of Compulsory Training. The question
was also referred to the Committee by the
Institute Committee at its meeting on
January 7.

Cessna Airplane Repaired After Crack-up Last Month In Rockport

Professor Daniel C. Sayre '23, of the
Aeronautical Department, resumed his
daily flights over the East Boston Airport
for the purpose of making meteorological
observations in his Cessna monoplane
which has been repaired since his crack-up
in Rockport last month.

Sayre, who is the only registered pilot
at the Institute, has been making daily
flights in search of weather data since the
fall of last year. His plane is especially
equipped for meteorological observations.
One instrument attached under the left
wing makes a graph of the changing tem-
perature, pressure and humidity as the
plane reaches different levels, and from
these plots Professor Sayre is able to
determine the condition of the weather
above the ground.

Crashed Last Month

Last month he was trapped in the skies
when fog closed in about him. He flew
for three hours swooping down time and
again in a vain attempt to locate the land-
ing field, but always found himself above
water or the metropolis. Finally his gaso-
line supply gave out and he crashed on a
golf course in Rockport. He escaped with
scratches and abrasions but the plane lost
its propeller and landing gear. Sayre's
companion on the flight was uninjured.

Set Local Altitude Record

On January 16, Professor Sayre set a
new local altitude record of 2100 feet or
nearly four miles. A strong wind in the
upper altitude blew him far out to sea and
he did not return for two and one-half
hours. He made his record in a Stearman
biplane owned by Skyways, Inc.

(Continued on page four)

More and Varied Vending Machines Now Appear

Walker assumes the formidable
proportions of a "penny arcade." In
accordance with the Institute's
change to the machine age on the
subject of apples, stroboscopes, and
such, Walker has blossomed forth
with two apple-vending machines
and two magazine venders. Two
are located in the basement of
Walker and two are up in the Main
Hall Refectory. All that is needed
now, opines THE TECH, are a few
penny-peep-show machines and a
nickel shooting gallery for after-
dinner relaxation.

ANNOUNCE REDUCTION IN PRICE IF SIGNUPS REACH 200 BY END OF THIS WEEK

Girdles and Girths Form Interesting Discussion

What is girth? One freshman
recently made the fatal mistake of
announcing his ignorance in this
direction to Professor Passano.
Answering the question by a ques-
tion, as is his habit, the professor
inquired as to the meaning of
"girdle."

"Some kind of corset," muttered
the freshman, tracing a circle on
the floor with his toe, and looking
red-facedly at the class.

"Ever hear of Venus' girdle?"
pursued the professor, quick to fol-
low up his advantage.

The freshman glanced at him,
then fled to his seat, in a kind of
retreat.

The professor shook his head.
"To think that a fellow here at
Technology doesn't know what
girth is." Whereupon, with the use
of girding one's loins" and "the
girth of a mare," the class was
quickly enlightened.

DISSATISFACTION AT RESPONSE OF HOUSES EXPRESSED

Student Opinion Indicates That
Second Orchestra Is
Superfluous

SIGNUPS ARE CONTINUED

Believing that the student body is in
favor of a lower price for the Junior
Prom, the Committee announced yesterday that
Ranny Weeks' orchestra would be the only
one engaged for this year's Prom, and that
if signups for tables reached a total of two
hundred, a substantial reduction in price
would be made.

It is believed that the Committee's de-
cision to have only one orchestra will be
received favorably by the student body,
as popular opinion has for some time been
rather definitely against elaborate and
high-priced Proms. This action will, of
course, allow the price to be reduced if
the signups total two hundred by the end
of the week.

Fraternity Reservations Few

So far, reservations have been made
for only a few more than one hundred
couples, the majority of whom are from
the dormitories. Out of some thirty
fraternalties, barely a third have as yet
made even one signup. Proms in the past
have averaged well over the mark set, and
with two-thirds of the fraternalty men still
unaccounted for, two hundred signups
should be secured easily.

It was impossible to obtain information
about other changes in the plans, if any.
However, as all arrangements for the
Prom are made far in advance, it is doubt-
ful if any more changes will be made.
Midnight supper, the Prom Girl, and
favors have been customary for so long
that it is considered doubtful if any varia-
tion will be made in the usual schedule.

Until this year Tech Show has gone
hand-in-hand with the Prom, and with its
passing the Prom is now the only remain-
ing function of the once popular Junior
Week. The Committee feels that this
fact has effected the sale of signups to a
certain extent, but does not consider it
serious.

Prom Signups Continued Remainder of This Week

Since signups for the Junior
Prom have not come up to expecta-
tions, it has been decided to con-
tinue the signup campaign all this
week. After Saturday, however,
it will be impossible for anyone to
attend the Prom who has not
signed up.

There are still a number of
tables, desirably located, that may
be reserved by groups. Fraternal-
ties in particular are urged to take
advantage of this opportunity. The
cost of a signup which can be
secured in the Main Lobby at any
time during the school day is \$3.50.

The Committee has also an-
nounced that redemptions will be-
gin the last day of this month.
If the signups reach two hundred,
a reduction in redemption price will
be made. At present about one
hundred signups have been sold.

(Continued on page four)

DON'T MISS THE SOPHOMORE PROM

A Record of Continuous News Service for Over Fifty Years



Official News Organ of the Undergraduates of M. I. T.

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STUDENT-FACULTY COMMITTEE

MEETING last night for the express purpose of considering the question arising from the presentation of a petition for the abolishment of Compulsory Military Science courses at the Institute, the Student-Faculty Curriculum Committee devoted considerable time to a discussion of whether its members were qualified at that time to reach any decision on the matter. It was the concensus of opinion that a further period should be allowed for the men in this group to determine student sentiment on the question and to gather facts regarding the value or disadvantages of the present system of training.

This action of the Committee seems entirely warranted; and as it is the intention of this body to make a thorough study of the matter, giving due consideration to each side of the question before making any recommendations to the Faculty, the student body may safely trust the matter to its hands. Assurance has been given that the decision rendered will be impartial, and then only after those directly connected with the Committee felt that they have a thorough understanding of student opinion and the merits of the present system and the proposed revision.

ONE ORCHESTRA

IN response to what has been a somewhat persistent cry that this year the Junior Prom should be less elaborate than in previous years, the Prom Committee has decided that only one orchestra will play at the function this spring. Coupled with this is the announcement that if the number of signups reaches two hundred, the price will be lowered.

At this late hour it is impossible for the Committee to materially change its plans, and this probably accounts for the fact that it is unable to announce a lowering of price without the assurance of an attendance of two hundred couples. In view of the depression, psychological or otherwise, this action of the Committee comes as welcome news, particularly as in previous years the attendance has always been more than the number now set.

BASKETBALL

CONGRATULATIONS of a high order are due Coach Henry T. McCarthy and the basketball team for the excellent record which they have made so far this season. The individual players should have a share of the honors, not so much because of each player's individual work as for their combined efforts. Each player has done his share in giving the team coordination and spirit.

The peculiar conditions under which Technology teams in general are forced to practice because of the rigors of the cucciculum justify pride when such a record is made. Technology's athletic authorities have always expressed gratification at the way in which the Institute has upheld the "Greek ideal," of sport for the benefit of the participants. Unfortunately for those who believe that athletic prestige consists only in the production of winning teams, the "Greek ideal" makes it difficult for Technology to compete with other colleges of equal size. Under such conditions, the production of a team such as this season's basketball team has proved itself to be a cause for much gratification.

Games remaining should not offer a great deal of difficulty to a team which has won six with only one loss. The New Hampshire game will probably be the only one to offer much difficulty. A record of ten wins with one loss will look good at the end of the season. More power to the team that it may attain that record.

New Testing Machine Installation Demonstrates Accurate Planning

Two-Story Instrument Placed Through Hole In Floor Of Laboratory

Ready for use within the next week, the new vertical Southwark-Emery testing machine has been installed in the testing materials laboratory. Because of the length of the 26,000-pound device, its installation presented many interesting features, according to Professor Harrison W. Hayward '96, of the Mechanical Engineering Department.

In order to clear the head of the machine, the crane in the laboratory had to be raised so as just to clear the beams in the ceiling. This was done before the Emery tester had arrived, and when it was installed, it was found that the clearance was less than an inch, as calculated.

Installed Completely Assembled: Assembled at the plant, the implement was shipped by rail to Cambridge, moved by truck to the Institute, and brought into Building 1 on the ground floor. The door used was on the north side of Building 1 at its northeast corner. Since it was more than twenty-five feet long, the instrument had to be backed and filled around in the basement until it was in the proper position to be shoved up through the opening that had been cut in the first floor.

Here again was seen the accuracy with which the plans had been calculated, for the top of the testing machine cleared the

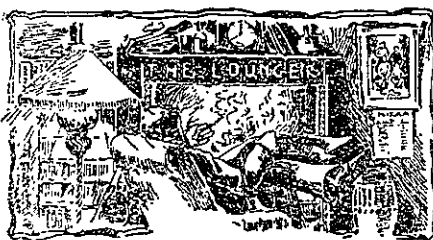
edge of the opening by three-quarters of an inch. Professor Hayward gives credit to the Bowen Contracting Company who installed the machine, and to Major Albert S. Smith, Superintendent of Buildings and Grounds, who supervised the installation.

Capable of Extreme Accuracy: Designed for both compression and tension, the machine shows many improvements over the old tester, which had been in use for forty years. The application of pressure is electrically-controlled from an instrument board. Pressure is recorded from a capsule, or diaphragm, in the base of the instrument. Likewise, the rate of application of the load may be very accurately adjusted from the control panel.

Tested by Moorehouse rings, as approved by the Bureau of Standards, the gauges are accurate within one per cent throughout its entire range. It will be available for regular testing and thesis work within a few days.

Safety equipment on the implement is so designed that it is practically impossible for even an inexperienced operator to damage it.

A 20,000-pound compression tester, also made by the Baldwin-Southwark Company, has been installed downstairs in the Concrete Laboratory. It will concentrate most of the concrete testing in the basement floor and give more space on the first floor.



As the Lounger relaxes for a few moments, a few items of more or less interest pass through the weary mind. The Dorm dinner and dance was very enjoyable, and with apologies to the Junior Class, unless the Junior Committee augment their Prom with some excellent entertainers, the big event of their class social activities will probably not be so memorable as the Dorm Prom. The gentlemen who devoted so much of their valuable time to the arranging of the annual big social moment of the Dormitory men are to be congratulated.

Congratulations. Bell! Placing in the B.A.A. "40" is a worthwhile achievement. According to the statistics, this makes Bell the third ranking sprinter in the East, and the best in New England, at this distance. Only Singer and Simpson are better. Incidentally the Lounger picks Simpson to be the dark horse in the coming Olympic sprint competition. He is a powerful and fast man.

Although this viewpoint may not be taken by the unemployed, the new apple-vending machines are to be approved. This is an excellent invention, as its popularity indicates. If there is anyone who does not agree, the Lounger will offer a special course in Elementary Mechanics and Economics for the benefit of such people.

One appreciates the size of the Institute when going from Building 1 to Building 2, by way of the long route, on one of these cold, rainy, slushy days. It is easy at such a time to believe that old statement, "It is half a mile from Darwin to Newton."

Micky Alpert, who with his Seaglades orchestra and entertainers, is familiar to those who frequent the supper clubs, and to all radio fans, recently said that he would broadcast until 3.00 a.m., provided some Boston station would offer its facilities for such a broadcast. This announcement should meet with the approval of those who study until such an hour, to the accompaniment of the soothing strains of dance music.

TEA PARTY

According to the *Barnard Bulletin*, there is imminent danger of a repetition of the Boston Tea Party. It is getting so that even the male members of the Faculty refuse the pallid repast. "Those of us who have watched some of the Faculty turn slightly greenish when offered his third cup of the emasculate amber liquid, know why so many of these men sourly refuse to attend any more 'teas,'" says the *Bulletin*.

Phosphorous Slinks Into News Room In Conciliatory Mood

Apologizes For Harsh Treatment Of Reporter And Exposes Page Proofs

At last the cat has crashed through! Phos came traipsing down to the News Room, proof sheets in hand, with a weak, sickly smile on his bewhiskered face, abjectly apologizing for his recent rough treatment of the newspaper representative.

The only trouble with the whole arrangement is that no reason can be seen for withholding any of the proof; there is no libel in what was spread out on the desk before the glowering eyes of the jet-black feline. It appears to be an All-Technology issue, no jokes journey farther than the fraternity houses over in Brookline.

Phos Works Hard

The cat has apparently strained a spare lead to his fish hook in his endeavor to make the jokes and short features fit well. And the result is... well, you can guess.

Art work must have been made to fit the captions. A full page is given to the effect of exams on the "dear little Institute lads." The pussy has spared no effort in digging up the dirt in the form of stories about prominent undergraduates and the instructing staff. The political aspirations of certain of the Senior Class are brought startlingly to light. Apartments and Roger's Architects all come in for their share of notoriety.

AMERICA EXHIBITS TEACHING METHODS

German Educators Found New Institute For Pedagogy

An institution which promises to become an invaluable source of information for educators throughout the world, and a center for exchange of ideas and experience for teachers of all countries has been established in the ancient city of Mayence, Germany. Founded last year by two German educators, the "Institute for World-Pedagogy," is supported by many leaders in German education, who will maintain its independence from official regulations and restrictions.

A comprehensive exhibition of the educational efforts of the nations of the world will attract all those interested in knowledge and learning. Twenty rooms have been reserved in the building for the American exhibit, which will show the achievements of New World Pedagogy, from the kindergarten to the university.

B. U. COEDS

Boston University co-eds wrote to the football squad declaring that they would not speak to them, much less date them, if they did not win the next game.

Fourth Dimensional Article Is Best In The New T. E. N. Offering

C. S. Sutton '35, With Sanction Of Two Departments, Scores Hit

With the single exception of a well-executed, highly-theoretical paper on the fourth dimension, the February issue of the *Tech Engineering News*, published today, contains nothing of a particularly interesting or startling nature. The balance of the reading material, with the exception noted, is well diversified and well edited, but does not merit a great deal of attention.

Written originally as a theme in the freshman English course, "The Geometry of the Fourth Dimension," by Charles Sutton '35, easily the best article of the month, has received the critical attention of both the English and the Mathematics departments and has passed both scrutiny with flying colors. The editorial board is to be congratulated on this article.

South American Conditions

Of possible interest to those Seniors who may have considered looking for position in South America after graduation, the paper leading off the issue gives a timely warning of the difficulties to be met by the young engineer seeking employment in the Latin Americas. Weight is given to the facts set forth by the position experience of the author, who has spent twenty years in the Argentine and is present General Manager of the United States Steel Corporation there.

The undergraduate body will find further employment article to be of much greater appeal. Principally rewritten and condensed from an article by Walter Gifford, president of the American Telephone and Telegraph Company, which appeared some time ago in *Harper's Magazine*, it gives new light on the relation of the scholarship and activities of the undergraduate to success in after life. The author, Mr. R. I. Rees, explodes several popular theories of the importance of the different components of student life.

Other Interesting Articles

Other short articles include a generalized description of the problems facing the operator of a "strip coal mine," and an exposition of types of structural welding. The usual short summaries of recent offerings in contemporary publications make up the balance of the reading matter. In this connection, the writer would like to exercise the right of the reviewer by suggesting that further reference to the work of Dr. Van de Graaff will be most happily noted unless some new discovery is made by him.

Lydia Lee-Luncheon

Opposite Aeronautical Laboratory TASTY HOME-COOKED FOOD Served at Reasonable Prices 11 A.M. to 3 P.M.

Advertisement for The Shelton, Home of the famous swimming pool, at 49th and Lexington New York. Opposite the new Waldorf Astoria.

When the Shelton opened (7 years ago) we began catering to college men and women. Gradually their patronage has increased; we feel safe in asserting that more students make the Shelton their New York home than at any club or other hotel. One reason for this is the free recreational features plus a desire to serve on the part of Shelton employees. Room rates have been greatly reduced. Rates from \$50 per month upward. A room from \$2.50 daily.

Club features (free to guests) are as follows: Swimming pool; completely equipped gymnasium; game rooms for bridge and backgammon; roof garden and solarium. Restaurant and cafeteria service at reasonable prices.

PHYSICAL SOCIETY TO HOLD MEETING HERE NEXT WEEK

Will Inspect New Spectroscopic Laboratory Between Sessions

TO PRESENT MANY PAPERS

Important results of recent research in physics will be announced when the American Physical Society and the Optical Society of America hold their joint annual meeting in Cambridge on February 25, 26, and 27.

The meeting, which is usually held in New York, comes to Cambridge this year in order that members may be present at the first inspection of the new spectroscopic laboratory of the Institute. This laboratory, first of its kind ever built, provides new facilities for studies in atomic structure, and its unique construction and extensive equipment has attracted world-wide scientific attention.

Registration Opens at Technology

Registration for the joint meeting will open at Technology on the morning of February 25, to be followed by technical sessions and the inspection of the new spectroscopic laboratory. In the evening there will be a public lecture by Professor Henry Norris Russell, the distinguished astronomer, of Princeton University, who will speak on "Revealing the Universe Through the Spectroscope." This lecture is under the auspices of the recently established American Institute of Physics.

There will be a joint dinner for members of the societies and their friends at the Parker House in Boston on the evening of February 26. During this dinner the Frederick Ives medal will be presented to Professor Theodore Lyman of Harvard.

On Saturday morning, February 27, Professor P. W. Bridgman of the department of Physics at Harvard, will lecture on "Anomalies in the Behavior of Solids under Pressure," at a joint session of the two societies to be held in Pierce Hall at Harvard. The technical sessions of the societies on February 26 and 27 will be held in Pierce Hall, the Cruft Laboratory, and Jefferson Laboratory at Harvard.

Attend Luncheon at Walker

The visiting scientists will attend a luncheon at Walker Memorial at Technology on Thursday, February 25, and the next day they will be guests of Harvard University at a luncheon at Leverett House.

A special program has been arranged for ladies. Among the events for their entertainment will be a luncheon in the Emma Rogers Room at Technology, a tea at which they will be the guests of President and Mrs. Karl T. Compton of the Institute, a tea to be given by the Harvard Faculty Club, and visits to various historic places near Cambridge.

The officers of the American Physical Society include Dr. W. F. G. Swann, Bartol Research Foundation, president; Dr. Paul D. Foote, Gulf Research Laboratory, vice-president; Professor W. D. Severinghaus, Columbia University, secretary; and Professor G. B. Pegram, Columbia University, treasurer.

Officers of the Optical Society of America are Dr. E. C. Crittenden, Bureau of Standards, president; Mr. W. B. Rayton, Bausch and Lomb Optical Company, vice-president; Dr. L. B. Tuckerman, Bureau of Standards, secretary; and Mr. Adolph Lomb, Bausch and Lomb Optical Company, treasurer.

FRESHMAN RIFLEMEN LOSE IN TWO STARTS

While the varsity prepares to clash with West Point in one of its most important meets of the year, the freshmen riflemen have taken on three teams with negative results. Due to "buck fever," according to Lieutenant Bicher, freshman coach, the team is not hitting its stride. It is felt that if the first-year men can be made to lose their qualms at the sight of a registered target, the purpose of the team will be justified as an aid to varsity material.

The first meeting was a four-cornered affair, with New York University taking the honors with a score of 1356, varsity shooting. North Carolina College and Indiana University also competed. The second match was with West Point, Technology losing to the tune of 1251 to 1177. With the freshmen rapidly recovering from their "buck fever," a considerable number of wins are expected from their schedule.

BEAVER BRAWN

Pardonable surprise and much enthusiasm has been registered concerning the hockey team victory over Dartmouth, Monday. Also it gives added hope in the final playoff game against B. U. this weekend. Both teams have won one of the games, and the final should be more than the usual fast and furious.

"Dick" Bell, sprint representative of Technology in two major races Saturday, carried away honors and more honors. In the afternoon he annexed the title of New England Intercollegiate Indoor 40-yard dash champion. In the evening he surpassed these glories, by placing in the B.A.A. games, against record-holders and world champions. In the evening he was fast on the heels of Simpson and Singer, world title holders in the 40- and 60-yard dashes, respectively.

Also worthy of praise was the running of Johnny "Red" Holby, in the 1000-yard race of the afternoon meet. Holby, a first-year man here, placed second in competition against runners from all over New England, including some dozen Harvard men. Equally praiseworthy was the sportsmanship of Mulliken in the evening mile relay race. After both Princeton and Dartmouth men had fallen in a spill in the race, Mulliken stopped, forcing a re-run of the race. In the second running, the Beaver squad gained a second place.

While dealing in superlatives, a further word might go in about the basketball team. As anticipated, they had no great amount of difficulty in disposing of their Lowell Institute rivals. Freddy Feustel did all the point-gathering for the Beavers, while Savard did the best work for Lowell with his work at the center position. Again the distinguishing point of the game was the teamwork which the Engineers portrayed Saturday night, and for that matter, all during the season. Six wins out of seven starts is quite a record for an Institute team.

TURNER CAPTURES SWIMMING RECORD

Swimming Captain Lowers Time By Four and Four-Tenths Seconds

Captain James E. Turner of the swimming team set a new Technology record for the 200-yard breast stroke when he ploughed his way over and through the Williams pool at Williamstown in 2 minutes, 46 6-10 seconds. This time, which shatters the previous record by 4 4-10 seconds, comes as a climax to a friendly rivalry between Captain Turner and Louis Flanders '33, and seems likely to end the controversy for a time at least.

Although the swimming team received

rather severe setbacks in the last two meets, losing to Williams 55 to 22 and to Rensselaer 56 to 21, several other fine individual performances were turned in during both meets. H. T. Lykes '32 and Art Bencks '34 starred by winning their respective events in both encounters. Lykes captured first places in the dives, and Bencks in the 150-yard back stroke.

On Saturday the team will journey to Dartmouth for its sixth meet of the season.

COLLEGE CONVERSATIONS

"Pty Squipetar eshte i pelqyershme!" Which means in plain English "Howdy! Albania's not such a bad place after all!" This is just a sample of what will comprise collegiate conversations at Columbia University where a course in Albanian will be taught this semester.

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OFFICIAL BULLETINS OF GENERAL INTEREST

Physics and Physical Chemistry Harvard University and
Massachusetts Institute of Technology

Wednesday, February 17, 3.00 p.m., Room 4-402

Theoretical Seminar for Graduate Students:
"Photoelectric Effect in Metals." Mr. H. C. Ressler.

Wednesday, February 17, 4.30 p.m., Room 4-270

Second lecture on "X-ray Scattering and Molecular Structure," by Professor P. Debye.

Thursday, February 18, 4.00 p.m., Room 4-231

1. "Use of Gratings in the Ultra-violet and Soft X-ray Regions." Dr. H. M. O'Bryan.
2. "Experimental Investigation of the Scattering of Electrons by Atoms." Professor R. B. Brode.

Friday, February 19, 4.30 p.m., Room 4-270

Another lecture in the series offered by Professor P. Debye on "X-ray Scattering and Molecular Structure."

PROFESSOR SAYRE TO CONTINUE AIR TESTS

(Continued from page one)

How the data which Professor Sayre is securing will be used has not yet been revealed. The Aerological Division of the United States Weather Bureau is carried on in four different sections of the country, but this is the first time that such information is being secured in Boston. The work, however, is being carried on in cooperation with the Weather Bureau.

The American College Editor

Choosing Blind

One of the unfortunate things about college education is the haphazard way in which the average college student, knowing little about the various courses, except, perhaps, that this is a cinch, or that is hard or the other is a prerequisite, makes his choice largely from the announcement or from what he hears from those who took his course the previous year. In many cases, of course, he finds himself taking a number which are of absolutely no use to him, or in which he is bored to tears.

It is admittedly difficult to present the necessary information to students. The announcement does its best, but confines itself strictly to information as to the courses, with no comment, and even that is sometimes in error as to prerequisites, which many have found out to their cost. Attempts by the student body along this line are mostly confined to articles in the university publication during the session, which are forgotten and rarely available when needed, even if their information were good.

What would be of considerable advantage to students would be some list, similar to the announcement, compiled by both the Faculty and some of those who have taken the courses, made available to students, especially freshmen, at registration time. This would give them something upon which they might place reliance in aiding them to make what is usually both a difficult and an important choice.

And this could deal, not only with the individual courses, but with the various Faculties, departments, and schools of the University, outlining the features of the course and, in the case of the more specialized branches, the fields open to graduates. This would eliminate the terrible blunders which later force their maker to either change his course, thus wasting so much time, or, worse still, enter some field for which he is not fit, or which is already overcrowded.

— McGill Daily.

The Artificiality of College

Throughout the country, successful men advocate a college education for any person who can possibly make the grade financially. They say that a college education, not only a book learning but what is popularly termed a liberal education, is at present practically essential to a successful career. And in many respects they are correct. Competition is so keen in the industrial world now that to forge ahead of one's fellow man requires a great deal of knowledge, and just as many friends.

We agree with these men to a great extent, in fact, we believe that a college education is the best training in the world for any person. College provides the man who takes advantage of the opportunity a

Undergraduate Notices

STUDENT BRANCH A.S.M.E.

Edward W. Norris of Stone and Webster will give an illustrated lecture Friday at 4 o'clock in Room 10-250 to the Student Branch of the A.S.M.E. The title of the lecture is "Fundamentals of Mechanical Process Control." It will be of interest to men in Courses II, VI, X and XV. All men are invited who are interested.

COURSE XVII

Election of officers of the recently installed Student Branch of the Associated General Contractors of America will be held this morning at a special meeting at 11 o'clock.

chance to make a wide variety of acquaintances, to assemble the knowledge necessary to a start in the business field, and the desire to learn more and to apply what has been learned to the fundamentals of business. But in many other respects, college is superficial and artificial. Perhaps not the college itself, but the life one is bound to lead when in college.

There, one makes a host of friends, meets and gets to know, in many instances intimately, a large number of people. He becomes used to the companionship of certain people, accustoms himself to their ways and habits, and in general patterns himself after a set mold. He lives a comparative life of ease in most cases, unless he is forced to make his way. His worries are few. His troubles amount to only a trivial sum when totaled. And often, he is led to believe that life after graduation amounts to one and the same thing.

But this is not true. When out of college, one has own fields to conquer. His college training must come in then and stand by. He will not have his many friends from the outset but must wait until he has accumulated a new set. After a time, he will make out well, if he has made the grade in school. He will learn how to make his every cent and his every moment count for the most.

So that in reality, whatever one is in college he is apt to be in the business world. A man who in school has had the difficulties and conquered them is the man best prepared to meet a few more and win. A man who has had easy sailing through college, and has not been forced to exert himself, will, on the average, meet with trouble from the outset. For the world does not look up to the man with a poor setting. It demands of each and everyone that he produce. And if a man produces in his early years, he will come through later.

College life is artificial, in that it is easy to live, when living upon someone else. But even in its artificiality, it helps the right sort of man to a better understanding of his fellow men, and in the end leads to a greater and fuller success.

— Purdue Exponent.

FRESHMAN TRACK MEN TO MEET DARTMOUTH

(Continued from page one)

relay (one-quarter mile per man), high jump, and pole vault. The events to be held at Soldiers' Field will be the broad jump, shot put, and the 35-pound weight.

About twenty New England colleges have been entered, Technology being entered in Class "A", competing with Harvard, Brown, Yale, Boston College, Holy Cross, Northeastern, New Hampshire, Springfield, and Dartmouth.

Hockey Team Downs New Hampshire 3-4 In Game at Durham

Fahey's Goal in Third Period Completes Winning Score For Engineers

In a whirlwind game at Durham, the varsity hockey team downed the University of New Hampshire six, 4 to 3. Three goals piled up by the Engineers in the first period gave them a lead which the Wildcats were unable to overcome in spite of a determined attack in the second frame and brilliant playing by Don Benley and Howie Hanley, of the New Hampshire team.

Dick Cochran started the game with a rush when he outguessed the New Hampshire goalie less than a minute after the opening whistle. Almost immediately, Ranney Thompson scored a second goal unassisted. Not satisfied with this already satisfactory score, Joe Fahey caromed the puck off the stick of a Wildcat player for the third Beaver goal in ten minutes.

Howie Hanley, scrappy left defense, scored the first New Hampshire goal on a pass from George Abbe just before the end of the period.

Wildcats Attack in Second Half

As the second frame got under way, the Wildcats started an attack that was not stopped until Hanley and Don Penley had evened the count by storming the Beavers' defense for two goals.

Joe Fahey again broke into the scoring column after four minutes of the last period with what proved to be the last and deciding count of the game. During the last ten minutes of play the Wildcats forced the play, but backed up by the outstanding play of Frank Milliken in the net the Beavers successfully withstood the attack until the final whistle.

With this win under their belts the men will be on their toes when they face Dartmouth today. Dartmouth always has a tough team to meet, and she has had the added advantage of being able to practice on outdoor ice much more often than the teams around Boston this winter, so the game is sure to be one full of fast work from both the teams.

DR. GRAY TO TELL OF ELECTRIC INTEGRAPH

Radio Society Will Start Work For New Term Tomorrow

Dr. T. S. Gray of the Electrical Engineering Department will be the speaker at the meeting of the Radio Society to be held tomorrow in Room 10-275 at 5 o'clock.

Dr. Gray will talk on Photo-Electric Cells and he will include a qualitative description of his Photo-Electric Integrator. All interested are invited to attend the meeting.

The meetings of the Radio Society will be held on Thursday instead of Friday this term, due to the results of a straw vote taken at the end of last term. Plans have been made to have outside men discuss the teletype, the Hingham monitoring station, latest developments in R.C.A. Photophone, and other topics of similar nature. There will be a trip later in the term for all members of the Society.

At the Shack, activity has turned to making steel frames for the present apparatus. The "Hamfest and DX Party" was not too successful, although three of the boys were still pounding brass at eight in the morning! An automatic code machine is being developed to be put on the air during the International listening tests which are scheduled for next weekend.

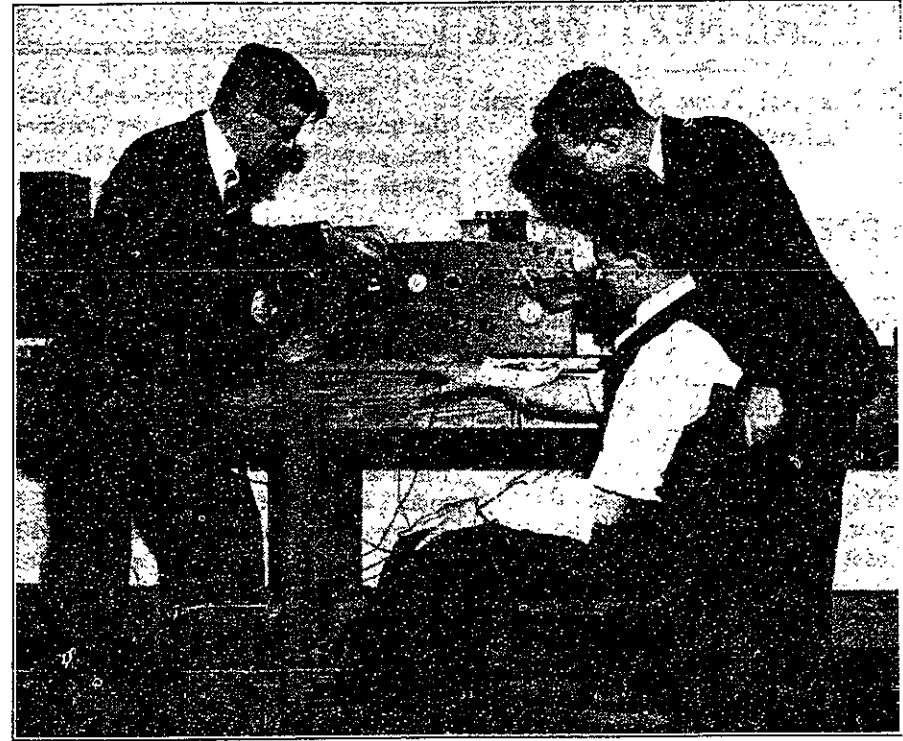
GYM TEAM LOSES TO NAVY SQUAD 48 TO 6

Losing the first meet of the season, the Technology gym team suffered defeat at the hands of the Navy squad on its home floor. The meet took place in Walker Gym, Saturday afternoon, February 13.

Throughout the entire meet, the team as a whole seemed to be badly out of form. Many slips and faults were noticeable that seemed to be lacking in the smooth-running practice series. All in all, the Beavers' team was outclassed by the larger Navy aggregation. Last year the squad from Annapolis won the Intercollegiate, with several of the men competing again this year.

Score: Navy 48, M. I. T. 6. Parallel Bars: Curtze (N) 615, Manger (N) 556, Ericson (T) 534. Tumbling: Jukes (N) 568, Mathews (N) 508. Curtze (N) 454. Rings: Denton (N) 624, Fernald (N) 534, Lawline (T) 467. Rope Climb: Connolly (N) 4 4-5 sec., Ericson (T) 5 sec., Hudson (T) 5 4-5 sec. Side Horse: Neusle (N) 552, Leverett (N) 501, Bissell (T) 433. High Bar: Curtze (N) 504, Grant (N) 500, Getting (T) 478.

NEW DEVICE PRODUCED TO PLOT HEART ACTION



Producing larger-scale graphs of the heart action than has ever been done before, a new device has been perfected by Professor Vannevar Bush '17 and William Reid of the Evans Memorial Hospital. Details not recorded by older instruments and almost unsuspected by scientists are brought out by the electrocardiograph. The recording line of the instrument is finer and errors due to the flow current to the heart itself are eliminated. Grouped about the instrument are, to right, Professor Bush, S. E. Caldwell, and G. S. Brown, research associates.

SPORTS DESK

On Saturday the Technology swordsmen were defeated 13 to 4 in a three-weapon match by a powerful Navy team at Annapolis. Hamilton and Fragiacomio gathered two of the Engineer's four points in the foils and Hamilton also scored with the epee as did his teammate, Frisby. In the saber matches Coach Roth's men were not quite strong enough to score against the midshipmen.

When the freshman boxing team journeyed to New Haven, they encountered some stiff competition by the Eli first-year men. Collins, freshman president, who won the unlimited class bout, contributed the Engineer's only victory.


Jack Summers' squash proteges had a busy day Saturday. In the Intercollegiate Squash Racquets matches at Hartford, Larry deGive, Technology captain, John McHugh, and Newman, gave a very creditable account of themselves. McHugh reached the second round and was only eliminated by Patterson, Harvard captain, after a stiff match.

Playing without the services of McHugh, the varsity squash team took every match from the University Club on the Institute courts. The Junior varsity was defeated at the Harvard Club by a score of 4 to 1, and the freshmen found themselves on the short end of a 5 to 0 score when they left the Union Boat Club courts.

At the meeting of the Intercollegiate Squash Racquets Association at Hartford on Friday evening, Larry deGive was elected treasurer of the organization.

The rifle team continued to set the pace for Technology teams by winning its fifth match of the season Saturday, at the expense of the Rensselaer Polytech shooters. The match, which was shot from three positions, was won by the lop-sided score of 1353 to 1254.

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