

BROADCAST GIVEN BY MUSICAL CLUBS FROM STATION WBZ

O. B. Denison '11 Speaks to
Listening Alumni on
Activities Here

DENISON SINGS AS WELL

Mandolin and Glee Clubs and
Banjo and Trombone
Soloists Play

O. B. Denison '11, Secretary of the
Alumni Association, spoke at the broad-
cast of the Musical Clubs last evening.

The concert was at the Hotel Brun-
swick and was put on the air at Spring-
field through WBZ, the Herald-Travel-
er Station. His talk was a message
to the Alumni listening in and chiefly
concerned the activities here at the
Institute.

F. D. Gage '22, an instructor in the
Department of Electrical Engineering,
sang several selections, three of which
were of his own composition. The
songs of which Mr. Gage is the com-
poser were "Down in Egypt," "Happi-
ness Blues," and "Troubles." He al-
so sang several of the songs from last
year's Tech Show.

Mr. Denison at the conclusion of his
talk sang two songs entitled "What's
Going to be Next," and "In the Old
Town Hall," the latter being one of
the songs which was so well received
at the All Technology Smoker. At the
end of the vocal selections all joined
in singing the Stein Song.

Clubs Render Selections

The Mandolin Club under the direc-
tion of D. S. Cunningham '26, and the
Glee Club under the leadership of F.
W. Schreiner '26 contributed their
selections to the evening's program. The
Banjo Clubs did not play as first plan-
ned.

A trombone solo by F. W. Keith '27,
trombonist with the Tech Show Or-
chestra this year, and a banjo duo by
Raymond Mancha '27 and D. A. Shep-
ard '26 were among the specialties.

Dance selections by the Technicians
completed the program put on the air
by the activities of a musical nature at
the Institute. Among the selections
which they played were "Waters of
Minnetonka," and "Brown Eyes, Why
are You Blue?"

M. I. T. A. A. ELECTS PUBLICITY MANAGER

H. E. H. Knight '26 was elected Pub-
licity Manager of the M. I. T. A. A.
at the meeting of the Executive Com-
mittee held Monday. He will succeed
S. H. Baylor '26 who resigned from
the managership during the first of
the term.

Immediately after Baylor's resigna-
tion a competition started for the po-
sition in which Seniors only were eli-
gible to enter. Knight has had pre-
vious experience in activities at Tech-
nology, having worked on Voo Doo for
some time. Last year he held the
position of Advertising Manager on
that publication, which he was forced
to resign because of his health.

GEOLOGY LECTURES TO BE ON METEORS

Dr. G. P. Merrill, curator of the U.
S. National Museum, Washington,
D. C. will give a series of four lec-
tures on the afternoons of December
8, 9, 10, and 11, at 4 o'clock in room
4-376, which will be devoted to a gen-
eral discussion of meteors.

It is expected that the first lecture
will be perfectly general, one that will
be of general interest to all students,
as it will be devoted to the non-techni-
cal aspect of the subject, such as the
formation, and occurrence of mete-
ors. The other discussions, how-
ever, will include a description of the
composition and crystal structure of
meteors, the conclusions that are
drawn from a study of them, and other
specific phases of the subject, and
will be primarily for students in ge-
ology.

According to Professor Wald-
emar Lindgren, head of the Depart-
ment of Geology, Dr. Merrill is the
foremost authority on meteors in this
country. All interested in the sub-
ject are invited to attend the lectures.

E. E. DEPARTMENT TO PROCURE LECTURERS

Colonel R. I. Rees, Vice-President
of the American Telephone and Tele-
graph Company, and John Mills '09,
engaged in development work in the
Bell Laboratories, were in conference
with the staff of the Electrical Engi-
neering Department yesterday morn-
ing.

Arrangements are being made with
the companies which these men rep-
resent to procure speakers from time
to time on subjects which relate to
the work taken up in the electrical
courses. These lectures will be open
to all students interested and fur-
ther announcement will be made when
arrangements have been completed.

Colonel Rees is largely responsi-
ble for the organization of the new
Communications option of course
VI-A.

COURSE XV SENIORS VISIT JORDAN MARSH

Inspect Results of The Taylor
System of Management

Through the courtesy of Mr. M. W.
Osgood, Operating Manager of the Jordan
Marsh Company, 115 course XV
Seniors were taken on a tour through
the store last Friday. The object of
the trip was to see the operation of a
large department store using scientific
management or Taylor System meth-
ods.

This visit is one of the weekly trips
which are now being made a part of
the course in business management to
link up the subject with actual busi-
ness conditions. The men spent an
hour and a half in going through the
store and in that time were able to
see a good deal of the operating or-
ganization.

Special notice was made of the
methods which were employed in
keeping the records and accounts of
the large amount of business which
is done by the store. Mr. Osgood
made a short talk at the close of the
trip in which he spoke both of the
advantages and faults of scientific
management which they have actually
worked out at the Jordan Marsh Com-
pany.

TECHNIQUE RECEIVES FEW QUESTIONNAIRES

Year Book Staff to Award Free
Copy for Best Reply

Answers to the questionnaires sent
out by Technique to all members of
the Junior class are beginning to come
in. Although they are not yet due,
about ten have already arrived at
the Technique office.

The purpose of these yearly ques-
tionnaires is to furnish an amusing
supplement to the current issue of the
year book. According to Technique,
"The Junior submitting the most
honest, the most hilarious, the most
stupendous of manuscripts will re-
ceive one copy of the 1926 Technique
free."

The questions submitted to the Jun-
ior class affords an excellent oppor-
tunity for expression of wit. The
class of 1927 is asked, "Who is the
most popular with the class, the fac-
ulty, the ladies and himself?" They
are also given an opportunity to tell
when they expect to graduate, when
they were engaged, why they indulge
in drink, and when is Tech "Hell?"
Several other humorous questions are
included.

These questionnaires must be in the
Technique office on or before Novem-
ber 15, and may be deposited in any
Institute box. Technique states, re-
garding answers, that, "Both truth and
falsehood, when honestly applied, are
admirable virtues."

PRESIDENT OF T. C. A. BACK FROM COUNCIL

J. H. Wills '26, president of the T.
C. A., returned Monday from New
York where he attended a meeting of
a special committee to prepare a re-
port on church federation for the in-
tercollegiate student conference which
is to be held at Evanston, Illinois, De-
cember 29 to January 1.

This conference will be attended by
1200 students, both men and women,
from colleges all over the United
States. It has not been decided as to
whether or not Technology will be
represented.

AERO SOCIETY TO HAVE EXHIBIT AT MILITARY BAZAAR

Society Will Have a Booth at
New England Aviation
Show Next Week

WILL DISPLAY TROPHIES

Show to Be Held in Mechanics
Building Is Benefit for
Boston Club

At the Military Tournament, Bazaar,
and New England Aviation Show to
be held by the Army and Navy Club
of Boston in Mechanics Building from
December 2 to December 5 there will
be an exhibit by the Aeronautical En-
gineering Society of the Institute.

Demonstrations and explanations of
apparatus will be conducted by the
members of the Society and numer-
ous displays of models, photographs,
and diagrams will be at their booth.
The trophies won by the Society are
to be displayed at the show. Accord-
ing to the president of the Society,
many prominent men in Aviation will
be present as well as high officials of
the Army and Navy.

Aeroplane Display

Six aeroplanes will constitute an
important part of the display as well
as a free air blast from a 36" aero-
plane propeller blade which is to be
utilized for a demonstration of anti-
rotation. This is a method of research
into the effects of the tailspin and its
causes.

The Aeronautical Engineering So-
ciety is to handle the display of the
Department of Aeronautical Engineer-
ing of the Institute. The aviation
show is a section of the benefit affair
for the Army and Navy Club of Bos-
ton which is taking this means to
raise funds for the remodeling of their
new clubhouse. There will be an ex-
hibition of the work of the Army,
Navy, and Marine Corps with a dis-
play of various models and pictures.

On the night of December 3 the
Annual Army and Navy Ball will be
held and during an intermission
period there will be a competitive
drill for the Directors cup. Army,
Navy, Marine and National Guard
units will be the competitors in this
drill.

NO LECTURES TO BE RUN ON SLIDE RULE

According to Professor R. D. Dou-
glass of the Mathematics Department
there will be no slide rule lecture
given this year, due to the fact that
there are no vacant periods available.
It is expected that these lectures
will be given next year. The slide
rule will be taken up this term in
connection with one of the physics courses
and next term in connection with a
mathematical laboratory course.

EDUCATORS TO MEET WITH ALUMNI COUNCIL

Engineer's Humanistic Train-
ing To Be Discussed

On Monday, November 30th, the
Alumni Council will hold a joint meet-
ing with the Technology members of
the Society for the Promotion of
Engineering Education, Technology
Chapter of American Association of
University Professors, and M. I. T.
Faculty Club. The meeting will be
in the Faculty dining-room, Walker
Memorial.

An informal dinner will be served at
6:30 o'clock and after this there will be
a short business meeting. W. E. Wick-
enden, Director of Investigation, S.P.E.
E., a former member of the faculty in
the Electrical Engineering Department,
will speak on "The Technical and
General Training of the European En-
gineer." Following this Professor Wil-
liam Emerson, head of the Depart-
ment of Architecture and in charge of
the General Studies here at the Insti-
tute, will talk on "The Humanistic
Training of the European Engineer."
Mr. J. P. Munroe '82, Secretary of
the Corporation, will present "The
Ideals of Rogers and Walker for Tech-
nology." An open discussion will be
held on "How to Develop, Broaden
and Enrich Engineering Education." Also
"How May the Alumnus Aid This
Movement."

TAX IS SUGGESTED FOR VI-A MEMBERS

Members of course VI-A will be
asked to vote on the matter of whether
or not a tax of \$3, known as the VI-A
tax, shall be levied on them for the
term in which they are not at the In-
stitute.

During this term students in the
course are exempt from the regular
student tax and so it has been suggest-
ed that the above tax be collected from
them to cover the expenses of publish-
ing the VI-A News and Sparks, as well
as covering the expense of smokers.
A tentative vote taken among the
members who were at the Institute
during the summer term showed that
the men favored the tax.

DIMENSION ANALYSIS SUBJECT OF ADDRESS

Development of Theory Traced
By Professor Moore

Professor C. L. E. Moore addressed
the Math Club at a meeting held last
evening in North Hall at 8 o'clock on
the developments and applications of
"Dimensional Analysis."

The speaker traced the develop-
ments of the use of this system of
analysis from Fourier who stated and
applied it for the first time in con-
nection with his research on the con-
duction of heat. Lord Rayleigh per-
ceived the value of this method of an-
alysis and used it in connection with
developing a theory for the explana-
tion of the blue color of the sky, sup-
posedly caused by a certain scatter-
ing of light.

The theory is used practically now
in connection with the design of air-
planes and ships. Small models are
put in currents of air or water, as the
case may be, and from the results
observed the proper method of de-
signing the ship is determined.

PROM NOMINATIONS DUE THIS SATURDAY

Junior Class Will Choose Five
Committeemen

Nomination papers for men running
for the Junior Prom Committee must
be submitted to the Information office
before 1 o'clock this Saturday. The
committee consists of five members of
the Junior class, the class president
being chairman ex officio.

This year, as last, the Prom will be
held in the Copley Plaza Hotel. Elec-
tion of members to the committee will
be held one week from Wednesday
somewhat earlier than last year.

Keen interest is usually aroused in
the third year class in the choice of
the committee in charge of the most
important social function of the year.
Last year 32 men were nominated for
the five positions, while the year be-
fore 20 men contested for the honor.

Nomination papers must bear the
signatures of five juniors as well as
the acceptance of the candidate. The
approved form for nomination papers
as given in the Technology Handbook
should be followed.

THIRTY MEN TRY OUT FOR DEBATING TEAM

Thirty men are working in prepara-
tion for the first debate of the season
with Boston College, which takes
place December 4, in Rogers Hall.
Of these, four will be chosen to make
up the Technology team, three speak-
ers and an alternate.

Technology will uphold the affirma-
tive side of the question, "Resolved:
That the United States should enter
the Permanent Court of International
Justice under the Harding and Hughes
Reservations as sponsored by Presi-
dent Coolidge."

To gather material for the debate,
the captain of the team has been in-
terviewing prominent Bostonians who
are well versed on matters pertain-
ing to the World Court. Other
sources of information are newspapers
and current magazines on world af-
fairs.

RAY STEWARTSON TO PLAY AT DORM DANCE

Ray Stewartson's Orchestra from
Cook's Amber Room, Boston, will fur-
nish the music for the second Dorm
Dance in Main Hall, Walker, on De-
cember 4.
The Dormitory Committee extends
an invitation to every one to be pres-
ent at these dances.

HARVARD HARRIER MAKES RECORD IN I. C. A. A. A. RUN

Tibbetts Cuts Record Time to
Win Individual Honors
In Annual Race

TITLE GOES TO SYRACUSE

Norm McClintock of Engineer
Team Runs Second in
Frosh Event

Running the greatest race in the
history of the National Intercollegi-
ate cross-country runs Willard Tib-
betts, the plucky Harvard star, raced
to a new record, winning by a nose
over Loucks, the Syracuse favorite,
at Van Cortland Park, New York, on
Monday. The victory of Tibbetts was
the biggest upset of a meet that was
crowded with surprises. The Crim-
son harrier has always shone on the
cinder path, but it was not until this
year that he entered the ranks of the
hill and dalers.

The only favorite that survived
Monday afternoon was Syracuse who
was conceded top honors in the Var-
sity race. The New York team won in
a walk, but the story of the meet
comes in the individual running of
Hillman of Maine who, entering the
race a decided favorite as a result of
his great work last year, started off
with a pace that soon carried him
out in front. At the mile post, the
Maine lad had piled up a lead that
looked very secure. His stride did
not diminish for a moment and he ap-
peared in the best of shape.

Pace Strong

The pace at the end of two miles
was too much for over two thirds of
the entrants and soon they drifted in-
to groups, the first being led by Hill-
man and had in it only about ten
men, while the second contained the
rest of the field. With half of the dis-
tance covered, Tibbetts began to chal-
lenge the leader. Loucks accordingly
changed his pace to keep up with his
rival. Even then however the up state
man's lead looked secure.

Most of the pep seemed to be gone
from the distance runners as they
tucked the fourth mile under their
belt and there was no longer any fight-
ing for position, the men on the whole
being content to trail along at a mod-
erate pace. At this time Tibbetts was
about a hundred yards in the rear,
but he appeared to be in great form
and was not working himself to death.
The audience of more than 3000 that
watched the harriers enter the trestle
for the last time before their final two
miles, anxiously awaited the battle
on the last stretch that they knew
would be forthcoming.

Tibbetts Takes Lead

Hardly had the leading trio passed
through the trestle than Tibbetts be-
gan his great fight for the lead.
Loucks, trailing the Cambridge man
like his shadow, drew abreast of the
two when Tibbetts came on even
terms with Hillman. The three fore-
most battled neck and neck until
they came to the last long hill. Here
it was that Hillman quailed for the
first time in the long grind and he fell
(Continued on Page 3)

PUBLIC INVITED TO HEAR FISH LECTURE

"Migrations of Fishes" by Henry B.
Bigelow, Lecturer on Zoology in Har-
vard University, will be the first pub-
lic lecture on this subject to be given
at the Lowell Institute and will be
delivered in Huntington Hall, 491
Boylston Street, December 1st, at
eight o'clock.

Following this, Dr. Bigelow will de-
liver another lecture on "Migrations
from the Sea to Rivers and Vice
Versa" on Friday, December 4. Tick-
ets may be secured, free of charge, by
applying by mail to the curator of the
Lowell Institute and enclosing one
stamped, addressed envelope for each
ticket desired. Other free lectures at
Lowell Institute are announced in the
program which may also be secured
from the curator.

CALENDAR

Wednesday, November 25
Mechanical Society Elections.
Friday, December 4
8:00—Dorm Dance, Main Hall, Walker.

A Record of Continuous News Service for 44 Years



Official News Organ of the Undergraduates of Technology

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INTERCOLLEGIATE PERIODICALS

WITH the appearance of several commercial periodicals devoted to college life, the question may be asked what use may be made of the news contained in each issue?

One of these periodicals is especially devoted to constructive criticism. It comments on recent student affairs in politics and social activities in the colleges of the country. These comments bring new ideas to the new student.

Student bodies as well as industries must be well informed with current events. In the life of the average student there are a great number of collegiate activities which interest him. If many new ideas are being propagated in the industrial world, even more so are new ideas originating in the many colleges of the United States. It is the duty, therefore, of the college paper to keep its student body well informed. Periodicals of one college are exchanged with the publications of another. But one school seldom, if ever, makes exchanges with the publications of every representative institution. At this point the intercollegiate paper becomes a valuable aid.

While the opinion voiced by the intercollegiate organ may be different from that of the reader, it must be admitted that this opinion gives some food for thought. By creating a wide student interest in current subjects, the student bodies of all the institutions are brought into closer contact. This is the chief purpose of such a periodical.

THE COMING STUDENT CONFERENCE

SINCE the opening of the fall term a great deal of space has been devoted in the various news columns to the discussion of the student conference on the World Court to be held this coming December at Princeton University. Up to date the discussions have presented the student conference as a political movement; its chief purpose being to influence the senate vote on the question if a strong enough sentiment in favor of entrance to the World Court can be developed among the thousands of college students in this country. Many colleges have taken up individual movements and now the entire campaign is in full swing.

In the manner in which this student conference has been presented to the majority of the college students an erroneous impression of the coming convention has been given to the college world. Besides discussing the advisability of the United States to enter the World Court, the coming conference will also draw up plans for a permanent organization of college students for the study of foreign affairs. This is not the first student conference held; however those in the past were not very successful in carrying out their ideas.

Since the World War interest in world politics has not been able to compete with such relatively important subjects as football, the prom, or the annual college show. The elections of class officers have far outweighed the election of the premier of France.

Whether or not this conference accomplishes some concrete result, the fact remains that it is indicative of a complete revival of student interest in world problems. The plans for a permanent student conference that are to be discussed this year is a subject of future importance to the entire student world.

CORRECTING FALSE IMPRESSIONS

REPUTATION is all important. It is the esteem which the public holds for a man,—the fame of an institution. Technology has earned an envied position among the engineering institutions of America. When a great institution achieves fame there is always a minority of persons who have false impressions as to the benefits of that institution. Such is the case with the Institute.

In the middle west the Institute's fame as an engineering school has developed a general opinion that, while a Technology graduate is always in demand, such concentrated study as practiced here leads only to the student becoming a "grind." This is an unfair prejudice, for even though we admit that the curriculum is more difficult than at other engineering schools, those persons voicing the opinion fail to see that the "grind" is present at all institutions where students congregate in the pursuit of knowledge. It is therefore our duty to correct this false impression among all those who come in contact with. With the approach of the holidays many students attending Technology for the first time will return to their homes all over the country. This gives the student an opportunity to tell all his friends of the activities and student life. Impress upon these friends the fact that we are not all grinds. Sell the Institute on this basis and demonstrate that "We are happy, Tech is Hell!"

Looking Backward

40 Years Ago This Week: Williams downed the Tech football squad 18-10 in a game played during pouring rain.

The K.S. Society was formed this week by students in the chemical courses. Monthly meetings will be held at which subjects of interest to chemists will be discussed.

At a Gym Dance a very unusual and somewhat embarrassing situation occurred. There were more ladies present than men. Much questioning is started to find out how it happened.

25 Years Ago This Week: The freshman elections resulted in a tie for the position of president. A second ballot will be taken next week.

A reception is to be held for President Pritchett this week. Many will probably take advantage of this opportunity to greet our new president. The football squad is getting the habit of losing games. This week it was Holy Cross 16-0.

10 Years Ago This Week: Miss Brennan, the only co-ed to run for a class office, was elected secretary of the freshman class by a large majority. She was the only one to be elected that did not have some close competitor for the office.

FREAK COLLEGE CLUBS ARE THE FASHION NOW

In his stories of Sherlock Holmes, Conan Doyle tells us of a club of red-haired men; clubs of tall men, short men and fat men are familiar to us; but it has remained for "The Tech" of Georgia Tech to ferret out the freak college clubs that are having their brief vogue. Following are some of the discoveries of our contemporary.

The men of Pomona College, of Claremont, California, have organized the "Mustache Club," which admits only those who can raise a mustache that will meet with the approval of the members of the club. A genuine mustache with 800 hairs to the square inch is the eligibility requirement.

One hundred and fifty dates a year with one hundred and fifty different girls is the aim of a club recently organized by the men of the University of Michigan. A man is eligible for membership only after he has been in the company of a good-looking woman, and upon initiation must give the name and address of the woman.

With a crown of red hair the only pre-requisite for membership and the only means of identification, the "Blazers" have made their advent upon the Iowa Wesleyan campus. Only one professor qualified with the necessary carrot-colored tresses.

As We Like It

THE NEW PARK

Monday night saw the opening performance of "The Dark" with Elsie Ferguson. "The Dark" is a play of American life, has dramatic possibilities, but at best is not worthy of the cast who played it. The story is that of a young man, Chris Landers and his pretty young wife, Rita. Rita is not living up to her marital obligations, but Chris seems entirely ignorant of the fact, until with instinctive insight which comes from the loss of his sight, he begins to sense the situation. He feels that he has become repugnant to his wife. The remainder of the drama concerns the reawakening of Rita's love. This latter part is the most impelling in the play and is one of the redeeming features. The performance was excellent, but the first act lags interminably, due to a somewhat artificial atmosphere which the author has unconsciously created. Furthermore the situation almost reaches the point where the audience loses sympathy with Rita Landers. A very keen characterization makes the play worth seeing if one does not expect light entertainment.

Play Directory

COLONIAL: "Stepping Stones."—And they certainly do step. COPLEY: "The Creaking Chair."—Thrills and laughs aplenty. HOLLIS: "The School for Scandal."—With an admirable cast. NEW PARK: "The Dark."—Reviewed in this issue. PLYMOUTH: "Beware of Widows."—Miss Kennedy, which is to say "a good show." REPERTORY: "Rip Van Winkle."—Tales of olden days. TREMONT: "George White's Scandals."—They say they are good. WILBUR: "Old English."—George Arliss. SHUBERT: "The Student Prince."—Top notch show.

Intercollegiates

Yale University is to have through the initiative of Professor George Pierce Baker, the first complete Professional School of Drama in any American university. "A co-ordination of instruction in the arts, so bound together in the drama as to be almost inseparable, is the aim of the foundation." Approximately 150 applications were received from all parts of the country for courses such as scenic design, costume designing, stage lighting, besides playwriting. While classes have already started in temporary quarters, the digging of the foundation of the University Theatre was started last September and is rapidly progressing. The building, which will be erected in Gothic style, will include, besides the regular stage and auditorium, class, rehearsal and lecture rooms, workshops for scenery and lighting preparations and quarters for the Yale Dramatic Association.

One more college is abandoning the tradition of the freshman rules. According to the Crimson-White paper of the University of Alabama, the wearing of "rat caps" was vetoed in a frosh ballot, held November 11, by a vote of 134 opposed to the wearing of the cap, against 97 in favor.

Referring to the "Cornell Sun," "there seems to be an increasingly poor cheering evidenced by undergraduates at football games and other athletic events." The attitude towards loud cheering is surely becoming noticeably unfavorable. But in some colleges cheering is supposed to be a good custom, worth encouragement, there is one way at least extend its life as a college institution. This innovation has been undertaken at Washington, where undergraduates are taught to cheer well and loudly through the medium of the R. O. T. C.

Malcolm Stevenson, managing editor of The Tripod, the Trinity College paper, has been suspended for a month for criticizing a chapel address by the Dean.

The Dean was quoted as saying, "It is our duty in college to disregard the individual and turn out a Trinity type."

Stevenson's treason lay in the following remarks: "Better a radical with a beard and a bomb than a type—a goose-stepper—a man without brains enough or courage enough to declare himself."

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COLLEGE VARSITY FINISH SEVENTH— FROSH IN FOURTH PLACE IN INTERCOLLEGIATES MONDAY

ENGINEER SOCCER TEAM ENCOUNTERS WEST POINT TODAY

Lieutenants Ruled Favorites
With Nine Wins Over Major
N. E. Colleges

BEAVER TEAM IMPROVED
Decisive Victory Over Clark
Indicates Engineers Are
At Peak

As a climax to a thus far mediocre season, the Engineer soccer team has trekked to West Point where they encounter the highly touted Army eleven this afternoon. There is much at stake in this game for the scientists inasmuch as they have the opportunity not only to redeem themselves for the early season defeats but to declare the season entirely successful by winning today.

The Army team has made a very formidable showing this year and they are, by far, the toughest opposition the Engineers have encountered thus far. According to comparative scores the Technology kickers do not have a chance in the world to down the Lieutenants. Dartmouth, victors over the Beavers by a score of 10 to 1, succumbed to the superior West Point eleven earlier in the season. Springfield Y, the acclaimed champions of New England with victories over Dartmouth, New Hampshire State, and Worcester Tech, beat the Army team 2 to 0, which shows that the West Pointers are by no means invincible.

Have Hit Their Stride

Scores are not a true barometer, in this case at least, of the status of the Engineer soccer team. True, the early part of the season witnessed several decisive defeats but the team had not really got under way. They were not playing together, and did not show their real form until the last period of the first informal game with Harvard played on Tech Field. From this time on the team improved by leaps and bounds and the scoring punch which was lacking earlier in the season came to the front.

(Continued on Page 4)

Frosh Harrier Captain
Who Finished Second



NORMAN L. McCLINTOCK '29
Photo by Reynolds

RICK IS FIRST MAN HOME FOR VARSITY

Finishes in Fourteenth Place—
Rooney Third Tech Man
To Cross Line

(Continued from Page 1)

behind, having ruined himself with his wonderful pace.

Flushed with victory the Harvard and Syracuse stars began their final battle. Coming into the stretch each lengthened his stride, as now one, now the other took the lead. Fifty yards from the tape the Crimson wonder shot forward. Like a flash the wearer of the Orange was after him but it was too late, the Harvard man had crossed the final mark a winner by inches.

Crimson Third

Lutman trailed his leader closely, coming in fifth. The remainder of the Harvard entrants were well to the rear though, so the Crimson had to bow to Syracuse and Pittsburgh for the team honors. Maine, Penn State and Bates then ranked before M. I. T. The Institute harriers put up a great battle for the honors but they could not show to advantage in such a fast pace.

The score really does not do justice to the Institute team as they were fighting every inch of the way. Marvin Rick was the first wearer of the cardinal and gray to cross the finish line. About a hundred yards behind him Akerley came in, while close behind him came Bill Rooney. Ed Chute, Smith, Pete Kirwin, and Don Hooper then followed in short order.

McClintock a Close Second

In the freshman race came the third big upset of the day when Norm McClintock, a top heavy favorite to win, had to be satisfied with second place for the first time this season. In a way it was a duplication of the Varsity race, for the Tech man was barely nosed out at the tape. Benson of Cornell was the lad that did what no other New England runner was able to do in the N. E. I. C. A. A. meet.

Edwards, a negro runner from New York University took the lead in the frosh race and started to go away out in front. He stopped these tactics however at the half mile mark and the field drew up on him. Benson and McClintock caught up with the New York boy and the three raced on abreast. A mile from the finish the colored boy shot out again but this time he punished himself too much with the result that he stopped dead in his tracks a half mile from the tape where Mac and the Cornell runner passed him.

Then, as in the Varsity race, came a wonderful battle for first place. Both runners came tearing towards the finish as if they were finishing a "440."

VARSITY TEAM SCORE

1. Syracuse	47
2. Pittsburg	84
3. Harvard	122
4. Maine	144
5. Penn State	146
6. Bates	159
7. M. I. T.	186
8. Yale	188
9. Princeton	215
10. Cornell	268
11. Pennsylvania	295
12. Rutgers	303
13. Columbia	321
14. Dartmouth	325
15. N. Y. U.	357
16. C. C. N. Y.	488

FRESHMAN TEAM SCORE

1. Yale	65
2. Penn State	88
3. Cornell	93
4. M. I. T.	95
5. Princeton	108
6. Syracuse	121
7. Pennsylvania	190
8. Dartmouth	204
9. Columbia	205
10. N. Y. U.	236
11. C. C. N. Y.	304

The Tech captain cut down his rivals lead from forty to thirty, from thirty to twenty, from twenty to ten yards but he could get no closer to him and the Cornell colors waved above the Cardinal and Gray.

Worthen was the next Tech runner in. He was closely followed by his teammates Burgett, Waters, Payson and Hallahan. The Engineers were not bunched closely enough together though and Yale, Penn State, and Cornell beat them out for the team prize.

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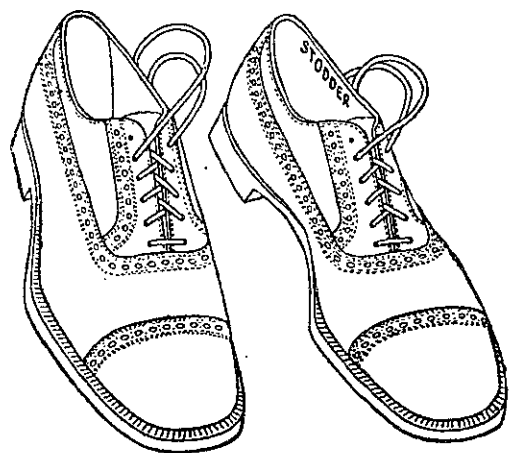
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SOCCER TEAM PLAYS WEST POINT TODAY

(Continued from Page 3)

A victory over West Point this afternoon would literally mean the wiping out of the early season defeats. Should the Engineers win it is possible that a post season game will be arranged with Springfield.

A post season game will probably be arranged with the Boston All Star Chinese team whether they win or lose today's game. It is interesting to note that the game today makes the fifth contest within two weeks played by the soccer team. These games were with Northeastern, Clark, and two with Harvard. Plenty of work seems to agree with these boys.

New Comic at Syracuse

Syracuse University will shortly make another contribution to the list of college comics. This latest development promises, however, to be unique in its field, for not only will it contain the usual assortment of cartoons, jokes, and poems but it will also present short stories of the popular type, and book and play reviews. As a consequence, this magazine will afford student writers an opportunity to demonstrate their skill in varied fields of literary endeavor.

Oklahoma University is erecting a new memorial stadium. It will contain 15,486 seats and will have a glass enclosed press box with heat and electric lights. In order to encourage the solicitors for the money to complete the structure the president of the University will declare a day's holiday if the funds are raised by a certain time.

NOTICES

OFFICIAL

DYNAMO LABORATORY REPORTS

All reports on experiments performed in the dynamo laboratory previous to this term will be destroyed by Dec. 1 unless called for.

UNDERGRADUATE

FRESHMAN BASKETBALL ASSISTANTS

Competition is now open for freshman assistant manager of basketball. Report in Hangar any night at 5 o'clock. Three men are wanted.

T. C. A. EMPLOYMENT BUREAU

No man whose schedule does not appear on his application card will receive any work from this Bureau. We want to be fair and will cooperate to the fullest extent with those who keep their schedule, address and telephone numbers up to date.

WALKER MEMORIAL COMMITTEE

Freshman competition for the Walker Memorial Committee will start November 30 on which date schedule cards are to be left in the office. There will be a meeting of the candidates in the Committee Room of the Walker Memorial Building at 5:00 o'clock, Tuesday, December 1.

This competition ends on December 18 at which time three Freshman will be chosen for the committee.

JUNIOR PROM ELECTIONS

Nominations for members of the Junior Prom Committee of the class of 1927 are due in the Information Office before 1 o'clock Saturday, November 28. Elections will be held Wednesday, December 2.

T. C. A. HANDBOOKS

A limited number of this year's paper covered handbooks are available at the T. C. A. office for those who have not yet received them.

FREE LANCES

All T. C. A. Drive Free Lances who have not reported final subscriptions will please do so at their earliest convenience in the T. C. A. office.

MANDOLIN CLUB

Wanted—A clarinet player, report at rehearsals Wednesdays or Fridays in 10-250 at 5 o'clock.

STOLEN OVERCOATS

Men whose overcoats have been stolen in Walker which have not been returned please see the Assistant Superintendent of Buildings in his office in the basement of building 3.

M. E. SOCIETY

Mechanical Engineering Society elections will be held today in room 3-460.

PERMALLOY DEVELOPED IN BELL LABORATORIES

A recent instance of international character arising over the work of the Bell System Laboratories to which students in the new Communications option of course VI-A are sent for experience in research has been the cause of much newspaper comment.

The results obtained in the new permalloy covered cable from Azores by which the speed of signalling was increased from 250 letters per minute to over 1900 letters per minute has attracted the attention of the scientific world to this new material "permalloy." The British papers claim that permalloy is a British invention and this statement has been the basis of an editorial in a New York paper.

As a matter of fact permalloy was the result of a number of years intensive work by the engineers of the Bell System Laboratories, and all the permalloy used in the New York-Azores cable was manufactured in the factory of the Western Electric Company at Hawthorne, Illinois. What

probably gave the impression that this new material was an English invention is the fact that the cable itself was manufactured in England because of the absence of submarine cable manufacturing facilities of the United States.

The machinery employed by the English company in the manufacture of this cable was built by the Western Electric Company and all the operations of manufacture except those having to do with the ordinary gutta-percha insulation and the armor wires were entirely under the supervision and control of engineers from the Western Electric Company sent to London for that purpose.

The successful completion of this achievement has attracted attention to the importance of training engineers in modern research and development methods. The Institute has made arrangements to send 20 students of the Communications Option of Course VI-A into the laboratories of this company each year for the purpose of obtaining this experience.

ENGINEER TELLS OF TRAVELS IN AFRICA

Mr. A. E. Wheeler '95, consulting metallurgist, delivered an informal address at a meeting of the Mining Society held last evening in the West Lounge, Walker at 7:45 o'clock. Mr. Wheeler was formerly in charge of the Great Falls, Montana, plant of the Anaconda Copper Company and is connected at present with the Katanga Copper Company, of Belgian Congo, Africa.

The speaker showed a series of slides illustrating the scenic wonders and several of the metallurgical developments of central Africa. These were supplemented by a lecture describing his travels and experiences in that section of the world.

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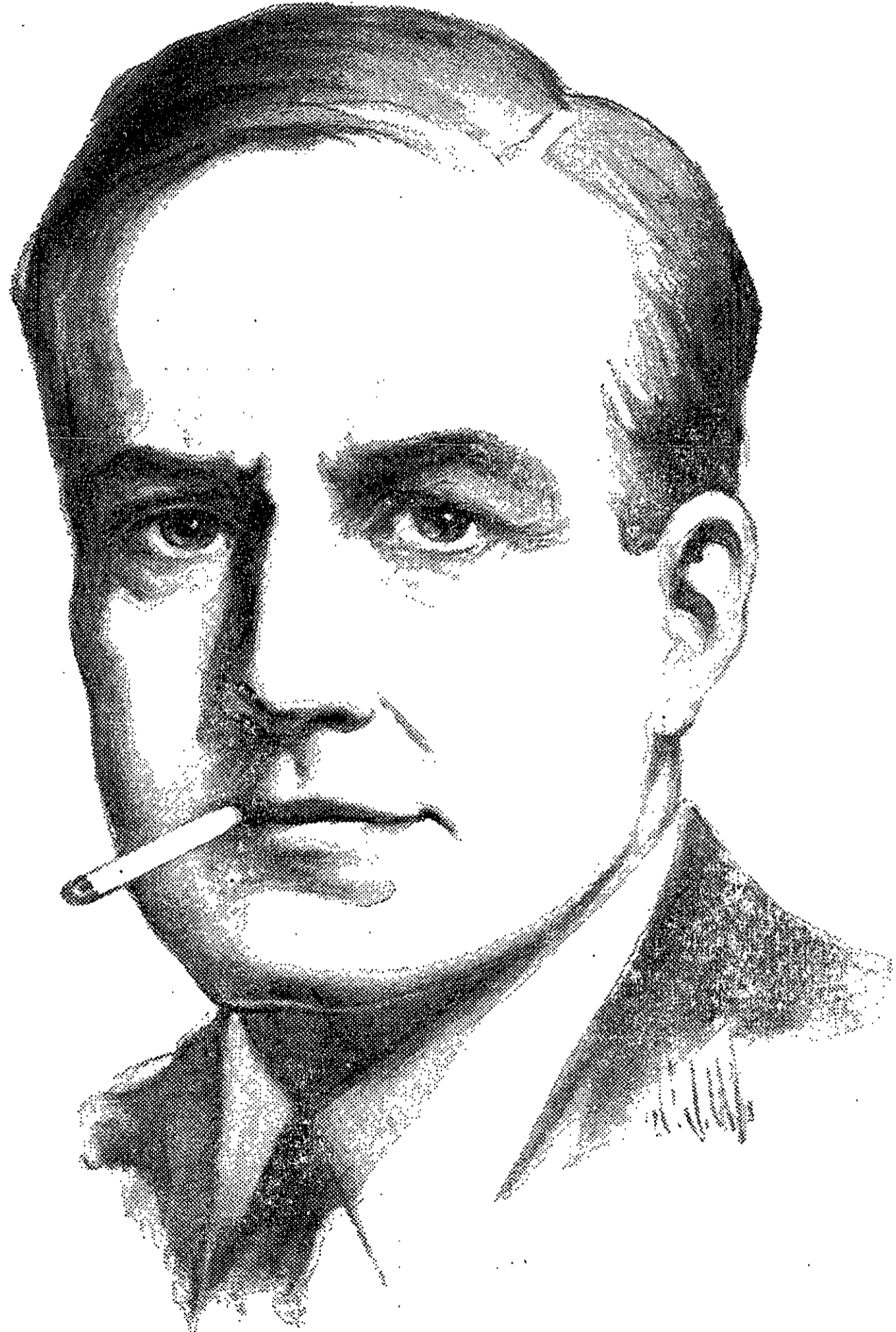
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