

FRESHMEN PROPOSE 53 FOR ELECTION TO CLASS OFFICES

Is Largest Number Nominated
For Those Positions
Since 1924

FIVE WANT PRESIDENCY
Voting Will Take Place in The
Main Lobby All Day
Wednesday

Nomination blanks for 53 candidates for election to the offices of the freshman class were deposited in the nominations box B when the time limit for them was reached Saturday noon. The large number of nominees is evidence of the keen interest in their class which is being taken by the first year men.

Election of these men will take place in the Main Lobby on Wednesday from 9 o'clock until 5. Booths will be provided so that the voting will be absolutely secret. As has been the custom in the past three years, the preferential system will be used, in which a man casts a vote for every man he wishes, indicating the order of his choice by numbers, one, two, three, etc. That is, in voting for president, he will place a "one" beside the name of the man whom he wishes to have elected, a "two" beside his second choice, and so on down the list.

This year the number of nominees is unusually large, being the highest since 1924. Last year only 37 names were put up for election, and in the previous year the aggregate was 41. In 1924, however, there was a record number of 65 candidates running for offices of the freshman class.

This year, there are only five men running for the office of class president. This is the smallest in the past four years. The number of freshmen nominated for the position of member-at-large on the class executive committee is even smaller being only four. Since two of these men are elected, those running for this office have by far the best chances in the election.

However, there are twenty men nominated for the position of class representative on the Institute Committee, and this breaks the record for the number of nominees for this office. The remaining class offices all have abnormally large groups of candidates competing for them.

Due to the large number of men who are candidates for officers of the class, the freshman class will need to have a record turnout of voters in order to make sure that the offices go to the right men. In former years the number of actual voters has amounted at the most to only fifty per cent of the enrollment of the class.

SENIOR DANCE IS GIVEN AT ROGERS

Annual Affair Well Attended
—Tecthonians Furnish
Dance Music

Rogers Building is an excellent place, the Seniors think, if the attendance at the annual free formal Senior Dance Friday night is any indication. A sufficient number attended so that the dance has been officially designated as a success.

All the lights in the Exhibition Room were shaded for the occasion, but the decorations did not approach the efforts of the architects themselves along that line in preparing the room for any of their affairs.

Music for the affair was furnished by a seven-piece orchestra of the Tecthonians, and refreshments were furnished at a slight cost, the only expense attached to the affair, which is free to all Seniors and is usually given every year just after Field Day. There was dancing from 9 o'clock until 2. Mrs. Horace S. Ford, Mrs. Erwin H. Schell and Mrs. James R. Jack acted as chaperones at the affair, and the Junior Class officers were ushers. The committee in charge consisted of Gilbert J. Ackerman, chairman; James Donovan, Arnold A. Archibald, Edwin F. Colette, Ford W. Sammis and Allen S. Richmond, all of the Class of 1928.

Wanted Badly: A Book Giving Answer Factors

"Answer Factors and Their Solution" is the title of the latest book received by the Coop, according to one of the better-educated of the freshmen, but at present they are all out of it. This precious volume is guaranteed to solve all known mathematical problems. This remarkable work was the object of a special hurried trip across the Charles by the freshman recently after a particularly disheartening session with his Calculus. Needless to say, he returned more disheartened than when he started.

LIBRARY SYSTEM OF FINES, SUCCESS

Number of Overdue Books
Since Installation Shows
Rapid Decline

Results of the library fine system at Technology to date seem to indicate that it is working very successfully, according to an announcement just made by the Library Department. The main idea of the system was that of decreasing the number of overdue books and thus make for a greater circulation and a more useful functioning of the great number of books contained in the Institute collection.

It was also hoped in initiating the system that the number of post cards which would have to be sent out would be diminished. A total of more than five thousand was sent out last year, but it is expected that this number will be lessened this year, since already the number to date this year is less than that of the same date last year.

The system has also resulted in the enriching of the libraries, since a total of almost seventeen dollars in fines has been collected so far. However, this result is incidental, and primary, as many students seem erroneously to believe.

DORM RUMOR BRINGS OUT SECOND ISSUE

Make Plea for Varsity Football
At Technology

Making its appearance Friday, the second edition of the Dorm Rumor voiced its support of a Varsity football team for Technology, pointing out that at many other Technical schools football is not only successful, but is the most popular sport.

An account of inter-hall basketball, several jibes at the "official Undergraduate News Organ of M. I. T.," and the usual personal features are also included.

Outlines Advance Of Medicinal Art In Recent Years

Volwiler Tells A.C.S. of Drugs
—Lomar Shows Movies of
Abrasives

Outlining present-day progress in the field of synthetic medicinals, Dr. E. H. Volwiler, chief chemist of the Abbott Laboratories of Chicago spoke on "Some Chemical-Pharmaceutical Researches" at the monthly meeting of the Northeastern Section of the American Chemical Society in Walker Friday evening. The second speaker, M. O. Lomar of the Norton Company of Worcester, gave a short talk, followed by movies, on abrasives.

Dr. Volwiler traced the development and use of medicinal agents, from agcol opium and quinine to our present-day synthetic drugs and such discoveries as adrenalin, thyroxin and insulin. He stated that though in only about 20 per cent of the important infectious diseases have we made progress toward definite cures, the results of chemical research during the last ten years give great progress for the future eradication of cancer, tuberculosis and other insidious diseases.

He also spoke of chemical progress in the search for remedies for sleeping sickness, leprosy and malaria, and he drew attention to the notable progress in the development of antiseptics, including the work of Dakin in developing the chloramines.

The second speaker, Mr. Lomar, gave a short talk on "The Importance of Abrasives in Modern Life," outlining the many fields in which abrasives play a vital part. Following the talk, he put on a four reel motion picture telling the story of abrasives, from bauxite, the raw material, to the numerous sizes and uses of the finished product.

The meeting was presided over by the Section Chairman, Dr. Arthur D. Holmes, who said that the substitution of a movie for a speech was an innovation in the procedure of the monthly Section meetings and was being tried to provide a change from the usual procedure. The interest with which this was met and the applause following seemed to indicate the success of this innovation.

START REPAIR WORK ON ROOF OF WALKER

Repair work on the roof of Walker Memorial has been started, and is expected to be completed in the near future, according to Major Albert S. Smith, Superintendent of Buildings and Power at the Institute. This work was made necessary by the discovery of several leaks. The repair work consists of the application of regular tarred felt roofing material and covering it with a coat of tar and pebbles.

VARSITY AND FROSH CROSS COUNTRY TEAMS COMPETE IN NEW ENGLAND MEET TODAY

Technology's Entrants In Cross-Country Meet

VARSIITY
Captain Kirwin
McClintock
Thorsen
Worthen
Mitchell
Dick
Holmes

FRESHMEN
Captain Baltzer
McSheehy
Watson
Goodhand
Northrup
Murphy
McBragne
Hallahan

HOLD SECOND OF A. I. E. E. MEETINGS

Bell Telephone Representative
Speaks to Electrical
Students

Discussing the three divisions of the Communications field, Mr. O. W. Eshbach of the Bell Telephone System spoke last Friday night before a group of two hundred electrical engineering students on the general subject of "How to Get a Job With the Bell Telephone System." He covered in his talk the manufacturing, research and business organizations in the Communications field.

Three motion pictures were shown which dealt with the working of the ordinary telephone, its manufacture, and with a television device which it is hoped will be perfected. Slides were shown which depicted the organization of the various smaller companies affiliated with the Bell System in all parts of the country.

This was the second of a series of meetings arranged by the Student Branch of the American Institute of Electrical Engineers. Feeling that the question of post-graduation work was one of the chief worries of the undergraduate, the Student Branch succeeded in obtaining speakers from several large concerns to address the electrical students. Mr. W. O. Bursch of the General Electric Co. has represented the manufacturing field, and Friday night Mr. Eshbach spoke for communications. Succeeding meetings are soon to be announced.

OUTSIDE CHANCE FOR FIRST PLACE GIVEN INSTITUTE

Count on McClintock To Take
Individual Honors for
Institute

LOOK FOR EXCITING MEET

By Paul Keough '30
Harriers from twelve colleges will battle it out this afternoon in the fifteenth annual N. E. I. C. A. A. intercollegiate cross country meet on the Franklin Park course. The New Hampshire University Wildcats will be represented by a strong team that will make a great fight to retain their championship gained last year, but the University of Maine runners, champions of their state, have an outfit that ought to lead the field.

Technology, although not the favorite for the first time in three years, will be right in the running and have an outside chance of winning. New Hampshire, Maine, and M. I. T. finished one, two, three in 1926, and are usually up near the front, but their chief opposition this year will come from Rhode Island and Holy Cross who finished tenth and eleventh, and Brown, who didn't have a team good enough to enter last year. Rhode Island State, in particular, with an unblemished record in dual meets, is sending up a crackerjack aggregation.

Six of the men who finished in the first ten last year will compete today, and talent is scattered throughout the field of 119 entrants. To pick the winner of a cross country race is almost impossible because the men vary so in form from week to week, but
(Continued on page 3)

RUSSIAN SCIENTIST ASTOUNDS AUDIENCE

Ether Waves Instrument Makes
Music From Empty Air

Before an audience that included scientists and literary lights such as Einstein and Gerard Hauptmann, as well as Bruno Walter and many other orchestra conductors, Professor Leo Theremin of the State Physico-Technical Institute of Leningrad demonstrated his new invention, the "ether waves" instrument. Waving his hand before a highly magnetized metal pole and brass ring the professor was able to produce music at will. The instrument may be played without practice by any person with the least musical talent. The tone produced is described as rivaling that "of a bank of stringed instruments approximating the combined effect of a battery of first and second violins, violoncellos, and bass viols."

The "ether waves" instrument is a perfected application to a musical instrument of the well known principle that electric wires "sing" when an alternating current is passed through them. It is about a yard long, two feet high, and a foot deep, the whole contained in a cabinet similar to those used in radio receiving sets. In the box is an anode battery used to produce an alternating current which in passing through a set of radio tubes creates in the two antennae an electro-magnetic field. The antennae consist of a metal rod attached to one corner of the box, and a brass ring attached to the corner diagonally opposite. Both rod and ring give forth electro-magnetic emanations which extend for a radius of about four feet. Within this radius the operator stands, his body acting as a kind of rheostat.

CALENDAR

Monday, November 14
4:00—Meeting of Civil Engineering Society in Room 1-190; Lecture by Col. H. C. Boyden.
Friday, November 18
8:00—Sports exhibition by teams, Hangar Gym.

Freshmen Will Choose Class Officers From This List of Accepted Nominees

- | | | |
|----------------------------|--------------------------|------------------------|
| PRESIDENT | | |
| 1. Joseph R. Brennan. | 2. Robert B. Freeman. | 3. Lawrence W. Grady. |
| 4. C. Philip Hendricks. | 5. Victor C. Studly. | |
| VICE-PRESIDENT | | |
| 1. Staunton L. Brown. | 2. William B. Cott. | 3. George F. Frazier. |
| 4. Alanson Gray. | 5. George F. Humphreys. | 6. Otto C. Kohler. |
| 7. R. A. McNeilly, Jr. | 8. Arthur T. Newell. | 9. Seymour E. Northrop |
| 10. Joseph C. Noyes. | | |
| SECRETARY | | |
| 1. C. B. Basinger. | 2. James B. Fisk. | 3. James McLean. |
| 4. Kenneth W. Smith. | 6. William F. Wood. | 5. Charles Straly. |
| TREASURER | | |
| 1. C. Randolph Binner. | 2. John P. Elting. | 3. Louis S. Morse. |
| 4. Frank L. McKnight. | 5. Loudon C. Page. | 6. E. Ross Sangster. |
| 7. Sheldon Smith. | 8. A. Ozell Walker. | |
| INSTITUTE COMMITTEE | | |
| 1. Robert S. Backus. | 2. G. A. Chapman. | 3. E. G. Collado. |
| 4. Ralph Davis. | 5. A. G. Dean. | 6. Norman Fitz Gerald. |
| 7. Glenn Goodhand. | 8. Phillip Hardy. | 9. William J. Hubbard. |
| 10. Kenneth B. Lucas. | 11. Bertram MacLeod. | 12. Robert J. McMinn. |
| 13. Edward McKee. | 14. Robert C. Platt. | 15. Raymond S. Poor. |
| 16. Richard W. Pratt. | 17. Frederick Pruyn, Jr. | 18. Kernick Snowdon. |
| 19. Walter Allen Vorce. | 20. Richard H. Yates. | |
| EXECUTIVE COMMITTEE | | |
| 1. John W. Carleton, Jr. | 2. Tyson Lykes. | 3. Tinsley W. Rucker. |
| | 4. Edward Worden. | |

A Record of Continuous News Service for 46 years



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

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Table with columns for Managing Board, Associate Board, Editorial Department, Business Department, and News and Sports Departments.

GIVING A THOUGHT TO OUR BABY VARSITY CANDIDATE

TECHNOLOGY is one of the few prominent schools in the country which does not have a varsity football team...

Since we cannot be represented in any of the big annual fall gridiron classics, it is very important that we are represented in every other branch of sport...

We happened to overhear several baseball candidates discussing the conditions under which the Beaver Baseball Team was struggling...

We are convinced that the student body wants a Varsity Baseball team. It is a game which is peculiarly adapted to our needs...

No one would think of putting an inexperienced child out into the world with the advice, "prove yourself and I will take you into the family and recognize you..."

We realize that this is not baseball season, but we also realize that if the team is to make progress, it must have immediate support on all hands...

Great Scientists of World Have Been Assisted by M.I.T. Apparatus Curator

Responsibility For All Lecture Experiments Rests Wholly Upon Elof Benson

Behind the scenes of Technology's world-famous Physics department is a man who is little known by the undergraduate body...

The writer first talked with him in the Photographic and Photostatic Laboratory, where every freshman must go sooner or later to have his picture taken...

concerns and the tabulation of the student grades for the Records office. This however is but a side-line in comparison with Mr. Benson's primary responsibility...

During the twenty-five or more years that Mr. Benson has been connected with the department he has

(Continued on Page 4)

MY PIOUS FRIENDS AND DRUNKEN COMPANIONS

MY PIOUS FRIENDS AND DRUNKEN COMPANIONS, by Frank Shay, illustrated by John Held, Jr. New York: The Macaulay Company. \$2.00.

The late Thomas R. Marshall once said, "What this country needs is a good five-cent cigar." Another thing it has needed before the publication of this current volume was a good collection of the old ballads, songs, and lyrics of earlier periods in the development of our country...

The trend of this age is back to the old songs which have thrilled and amused people for years and years. As one can well realize, the book has been pretty well expurgated, but it loses none of its vitality in the process. Among the poems and ballads will be found many old favorites...

Need we say more? The book is one that can be treasured; it may be the piece de resistance of a cold winter's evening; it may possibly revive the conviviality of another era, with local atmosphere no stronger than fresh apple juice...

KING OF THE MESA

KING OF THE MESA, by Hoffman Birney. Philadelphia: The Penn Publishing Company. \$2.00.

Usually tenderfeet from the East in the cow country of the West in some remarkable way acquire almost immediately all the ability of old cowpunchers. In the "King of the Mesa," Hoffman Birney has created a hero who to the end of the story was never able to rope anything except by luck...

Even the villain is unusual. He is partially paralyzed so that he cannot move from his chair and works through his foreman, "Black Jack." Yet he is truly a regal personage who deserves his nickname of King John even to his death. The book is so well written, so novel in its detail, and so packed with thrills that one does not notice that the outline is one that has been used innumerable times until one looks back on the story after finishing it.

AN EXPERIMENT WITH TIME

AN EXPERIMENT WITH TIME. By W. J. Dunne. New York: The Macmillan Co. \$2.50.

The author of "An Experiment With Time," J. W. Dunne, a well known English aeronautical engineer, designer of the first flying machine to have complete inherent stability, was attracted to this subject because so many of his dreams had come true, some within a period of several days, and others after a lengthy time of 20 years...

After a long time of careful thought and continued experimentation for any possible clue that might solve his problem Mr. Dunne finally presents to us the results of all his work. It is the Serialian Theory, which was suggested by a very careful mathematical investigation into the structure of time. It would be a futile attempt to explain the entire theory propounded by Dr. Dunne for it requires more than words and chapters. At any rate, the hard surface of this interesting theory may be scratched by mentioning some of the fundamental principles embodied in it...

THE TECH BOOK LIST

this state the brain is inactive and the usual guidance of the three-dimensional observer is absent, thus the attention of the higher consciousness wanders and may come upon cerebral states that are either in the "past" or the "future" of the time in which the waking experience endures.

Dr. Dunne handled this difficult subject in an amazingly simplified manner, but it still remains somewhat difficult to the layman and probably would require several readings and deep thought to gain full understanding of the theory. Strange enough, the Serialian theory touches and threatens to explain a wide range of subjects, some of which are evolution, birth, pain, sleep, death and many others. It is a theory whose further development may solve some of the fundamental problems of life which have perplexed man throughout the ages.

AS WE SEE THE MOVIES

METROPOLITAN

Bebe Daniels, Paramount comedienne, has turned to the Arabian desert for her latest comedy, "She's a Sheik," which is the feature picture at the Metropolitan Theatre this week. Miss Daniels has taken a highly romantic tale and burlesqued the situations, ending up with a delicious travesty on such popular films as "The Sheik," "Deau Geste" and others.

As a beautiful, high spirited Arabian girl who has been educated in America, Bebe returns to her ancestral oasis to duel the desert bully, storm the French garrison, abduct the man she intends to marry, and aided by a couple of itinerant moving picture men, succeeds in saving her lover's life from a court martial and at the same time putting to route a horde of savage Bedouins. The device which brings this theme to a hilarious end is quite a distinct novelty.

Jack Partington's production, "Moonlit Waters," featuring Gene Rodemich and his famous band, is the chief stage attraction. "Moonlit Waters" includes many remarkable scenic effects with atmospheric songs and dances.

The most popular stage presentation is the musical effects and imitations achieved by the comedy team of "Fauntleroy and Van, Two Tourists from the States." They received encore after encore from the audience.

The Metropolitan Grand Orchestra, under the direction of Arthur Geissler, offers "Roumanian Rhapsody" as the orchestral tableau. The production features Georges Stefanescu, flute soloist, and the Metropolitan vocal and dance ensembles. A Paramount News Weekly, a novelty reel and an Arthur Martel organ solo complete the program.

FENWAY

"East Side-West Side," featuring George O'Brien and Virginia Valli.

depicts the life of a young man who forsakes the slums of New York and a boxing championship for the night life of Fifth Avenue and the promise of being made a great builder. The maze of drawing instruments, engineering textbooks, and computation tables which he employs in his tutoring system would put to shame any Institute man.

Beautiful Mary Astor as the "Rose of the Golden West" is the heroine of a love story laid in the hills of California at the time when the diplomats of the United States, Russia and Mexico were fighting for its possession. The climax comes when her lover, a California patriot, is commanded to assassinate her father, who is bargaining with the Russian government.

Play Directory

BOSTON OPERA HOUSE: "The Jazz Singer."—A favorite returns. COLONIAL: "Les Miserables."—A huge production. GOPLEY: "No. 17."—Shivers and laughs. HOLLIS: "General John Regan."—With E. H. Southern. MAJESTIC: "Oh, Kay."—The song and dance show. REPERTORY: "You Never Can Tell."—Bernard Shaw. SHUBERT: "A Night in Spain."—With Helga Fuara. ST. JAMES: "Gorilla."—Mystery play with a comic spice. WILBUR: "The Constant Wife."—Ethel Barrymore and a smart company.

JOHN SPANG QUALITY RADIO EQUIPMENT STANDARD SETS AND PARTS INSTALLATION SERVICE Phone Kenmore 0745 125 MASSACHUSETTS AVENUE (Next to Cor. Boylston St.) Boston "First Tested—Then Sold"—Discount to Tech Students—

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Deaths TECHNIQUE: At his residence 308 Walker Memorial Building, Thomas Technique, son of Dung Davee, and beloved husband of Wee Woof Wafle. Funeral services will be held at Tech Field on Wednesday afternoon at 3:20 o'clock. The general public is invited. Interment at Hotel Bellevue.

FROSH COP INTERCLASS TRACK MEET HARRIERS RUN IN NEW ENGLANDS AT FRANKLIN PARK

Prospects Bright For Technology To Place Third

McClintock and Kirwin Carry Hopes of Cardinal and Gray In Today's Race

(Continued from Page 1)

There are several outstanding men this year who have a fine chance for the championship. Lindsay and Richardson of Maine have been running very well, and it was largely through their work that Maine defeated New Hampshire in a dual meet this year.

Capt. Lockhart of B. U. has been undefeated and has beaten such fine runners as Capt. Johnson of Tufts and Schappelle of Massachusetts Agricultural College. He finished seventh last year but has improved a lot and should be among the first five. Cahalan of New Hampshire has been consistently good all year and is going to make a great bid for the championship.

Norm McClintock is the man on whom Technology is counting to bring home the first honors. He finished second last year and was expected to have things all his way this season, but in the opening meet with Holy Cross he got only fourth place and was seen to be away off form. However, he has improved consistently and in the Tufts meet last week showed that he should be counted among the leaders. Our guess on the order of the first five men is: Lindsay of Maine, Richardson of Maine, Lockhart of B. U., McClintock of M. I. T., and Cahalan of New Hampshire.

In addition to Lindsay and Richardson, the latter being the winner of the freshman intercollegiate in 1926, the Maine stars are McNaughton, Benson, and Cushing. McNaughton finished third in both the New Hampshire meet and the Maine state championship. Cushing, the captain, finished eighth in the New England last year and Benson is just as good as his captain.

New Hampshire has three men left of her championship Varsity team: Cahalan, Eastman, and Weeks, the other two positions being filled by Hobbs and Corpening of the championship frosh team. They have already had a race over the Franklin Park course, which should give them a slight advantage. Hobbs finished second to Richardson of Maine after a terrific struggle in the yearling intercollegiate, while the three veterans all were among the first twenty-five in the Varsity race.

Technology has had two meets at Franklin Park this year and all the men know the course like a book. Capt. Pete Kirwin and his men are all primed for the race and expect to make their best showing of the year. Pete Kirwin, Norm McClintock, and Leon Thorsen can be counted on to be near the front but five men count in the total and it is on the showing made by Chuck Worthen and Newell Mitchell that the Cardinal and Gray's chances depend. Both Worthen

and Mitchell ran very well against Tufts, so the Institute's team prospects are bright. Should either of these two fall down Hal Dick or Ed Holmes will have to make good.

Rhode Island's undefeated team boasts of two first class men in Dring and Fine and a number of other good runners. Both Brown and B. U. have gone down to defeat against Rhode Island in dual meets. Holy Cross, led by plucky little Fitzgerald, has victories over M. I. T. and Brown. Fitzgerald gave the great Capt. Reid of Harvard a close race and was the first to cross the line in the meet with Technology.

Brown, showing surprising strength after a very mediocre season last year, has developed two fine runners in Kearns and Hand. Both have a victory over the Holy Cross leader and Kearns also beat Dring and Fine of Rhode Island. The other six teams in the meet will have little chance for team honors, but most of them have individual stars. Tufts has Capt. Johnson and B. U. has Capt. Lockhart, both of whom were among the first ten last year. Schappelle of M. A. C. had a close race with Lockhart in a meet with B. U. and Preston, his captain, is also a strong runner. Wardwell is the star for Bates while Kelley is the Wesleyan ace. Williams alone has no first class runners and it would not be surprising to see her team bring up the rear.

Eight freshman teams will compete in the yearling intercollegiate and it looks as though New Hampshire is going to gain the title for the second successive year. After the dual meet with the M. I. T. freshmen, which the Wildcat yearlings won by an overwhelming score, Coach Oscar Hedlund said: "That New Hampshire outfit is without a doubt the finest freshman team I have ever seen." As in the previous meets, Capt. Baltzer should be the first Technology man home. The Cardinal and Gray freshmen have been cheered up by their victory last week against Tufts and all the men should give a good account of themselves.

Survivors of First Ten Places Last Year

| | |
|--------------|----------|
| 2—McClintock | M. I. T. |
| 5—Johnson | Tufts |
| 6—Cahalan | N. H. |
| 7—Lockhart | B. U. |
| 8—Cushing | Maine |
| 9—Kirwin | M. I. T. |

Competitive athletics would prove effective in discouraging the increasing use of cigarettes by college women, is the opinion of Dr. F. C. Allen, director of athletics at the University of Kansas.

"College men playing on Varsity teams are using fewer cigarettes than sorority women," Dr. Allen declared in an address to Kansas teachers there. This condition prevails, he believes, because educators have failed to interest young women in activities that demand a physical standard such as is maintained by men athletes.

Dr. Allen added, however, that habits of young women of this age apparently were no worse than those of other generations.

FIRST YEAR MEN TAKE SIX FIRSTS AS DOPE IS UPSET

Sullivan, Frehman Jumper Is High Point Scorer of The Meet

SOPHOMORES ARE SECOND

With a total of 65.5 out of 164 points the class of '31 easily walked off with the fall handicap meet held on Tech Field Saturday afternoon. The Sophs, their nearest opponents, could only collect 40.5 points, while the Seniors received 34, and the Juniors only 29.

Several of the freshman track men gathered points so that there was no particular star. Sullivan '31 led the scoring with a total of two firsts, one in the high and the other in the broad jump. Thompson '30 managed to cop the hundred in 10 4-5. Broder '31 took the 220 in 23 3-5 seconds.

Six out of 12 firsts were either won or tied by the yearlings. The Sophs were a poor second, getting only three firsts, one of which was a tie with the frosh. The Juniors came right on the heels of the Sophs by winning the 440 and the hammer throw. In the 880, broad jump and discus the freshmen got both first and second, and they took firsts in the high jump and 220, and tied for first in the pole vault.

100-yard dash, won by Thompson '30; 2, Berman '29; 3, Broder '31; 4, Danner '29; 5, Orleman '31. Time: 19 4-5.

220-yard dash, won by Broder '31; 2, Slack '30; 3, Jandris '30; 4, Orleman '31; 5, Persson '31. Time: 23 3-5.

440-yard run, won by Hallahan '30; 2, Ladd '30; 3, Fay '28; 4, Gonzalez '30; 5, Svenson '30. Time: 53 2-5.

880-yard run, won by Moody '31; 2, Wood '31; 3, Svenson '30; 4, Vennard '30; 5, Danziger '29. Time: 2:15 4-5.

2-mile run, won by Blackwood '30; 2, Does '29; 3, Coleman '31; 4, Gifford '31. Time: 1:09 1-5.

High jump, won by Sullivan '31; Willcutt '28; 3, Pease '28. Height: 6 feet.

Broad jump, won by Sullivan '31; 2, Hardy '31; 3, Berman '29; 4, Willcutt '28; 5, Thompson '30. Distance: 19 feet 9/4 inches.

Shot put, won by Willcutt '28; 2, Hardy '31 and Grandal '31; 3, Martini '28; 4, Brodsky '30. Distance: 44 feet 8 inches.

Discus, won by Grandal '31; 2, Hardy '31; 3, McCarthy '28; 4, Roger '31; 5, Willcutt '27. Distance: 111 feet.

Javelin, won by McCarthy '28; 2, Brodsky '30; 3, Hallahan '31; 4, Willcutt '28; 5, Svenson '30. Distance: 165 feet.

Hammer, won by Crout '29; 2, Willcutt '28. Distance: 156 feet.

Pole vault, tie, Glach '30 and Holihan '31. Height 19 feet 6 inches.

INSTITUTE TO HAVE VARSITY SQUASH TEAM

Will Hold Tournament As Soon As Sanction is Received From M. I. T. A. A.

That the Institute will be represented by a squash team this winter was disclosed yesterday by a representative of the M. I. T. A. A., although that organization has not as yet sponsored the formation and management of a team. It is likely that favorable action will be taken within the next few days. The men responsible for the organization of a Varsity squad have already received recognition from a local squash tennis organization, so that no difficulty is expected in securing the Athletic Association's sanction. It is planned to hold an elimination tournament as soon as possible, in order to get a line on the most promising candidates for places on the squad. All men interested in this newest of Institute sports are urged to watch the bulletin board facing the Bursar's office for information as to the time and place for entering the tournament. Announcement of the coach and manager will be made in THE TECH as soon as the A. A. has taken action on the matter.

The Ohio University Directory, which appeared recently, is interesting in that the Smiths have defeated the Jones by a score of 22 to 13. All sorts of artisans are represented in the directory. There are: Millers, Masons, Carpenters, Painters, Fishers, Cooks, and Gardeners. A large zoo might be furnished by the three Wolves, two Birds, a Bear, a Hawk, four Drakes, and a Lamb.

As a result of the appeal of the American Red Cross for help, twenty flat-car loads of Dartmouth students went to aid in the reconstruction work in Vermont. The cuts of the men who went to engage in the work have been excused by the college officials. The work for the most part consisted in removing the gravel and silt which the river left in the streets and cellars of the town of Hartford.

Gym and Fencing Teams Decide On Exhibit Program

Both Teams Plan Demonstra- tions by Coaches and Varsity in Sports Show

In order to arouse more interest in the winter sports at the Institute the M. I. T. A. A. is backing an exhibition by the teams to show what is going on in the line of sports. As far as the teams go, there is plenty of support, but on the part of the non-participants there seems to be little backing. It is with the hope of increasing this support that there is going to be an exhibition on Friday evening at eight o'clock in the Hangar by the basketball, boxing, fencing, gym, and wrestling teams. All five of these teams have dug into the season's training and are working hard to get into shape for the winter meets. Only two teams, fencing and gym, have announced their programs for Friday.

For the gym team there are scheduled demonstrations in the three most interesting events of the sport; the parallel bars, side horse, and tumbling. Jack Pearson, the coach of the team, and one of the best all-around gym men, will start the work with demonstrations on the parallels and side horse. Some of his teams will then show their stuff in the other events.

Wells and Reynolds, both good men, will show what can be done by a good team on the bars. Dolloff, who took third in last year's intercollegiate tumbling, is putting on a demonstration in that line along with his teammate Bauer. On the side horse the work will be done by Fairchild and Moore, clever exponents of that event. Prospects for this year's gym team certainly are bright for there is a large number of last year's men back again, some good men who were ineligible last year, and some promising material from last year's frosh. About twenty freshmen are taking the sport this year.

This year's fencing team also have every reason for expecting a good year. There are enough veterans back to make up a whole team and plenty of other good material in addition. Mr. John Roth, who did such a good job in coaching last year's team is again handling the outfit and will have to help him, Mr. Anton Gelass. The two coaches will give an exhibition of sabre play Friday night.

Carl Harris of last year's team and now captain of the team, will also show a workout with the steel, having for his opponent the next best varsity man. Elimination bouts are going on with the varsity to determine who he will be. For material the varsity has a number of good men. Carlos Ferre, captain of last year's team heads the list and is ably followed by Lester, Harrison, Kononoff, and Moyano. The team has men in all the events, foil, sabre, and epee. With last year's record and expert coaching the team ought to show up well in competition this year.

ENGINEERS TACKLE HARVARD IN SOCCER

Will Try Out New Lineup In Attempt to Down Crimson On Coop Field

Technology meets Harvard tomorrow afternoon in what promises to be one of the best soccer games of the season. Both teams are pretty evenly matched and because of the intense rivalry between the schools a lively fight is expected. Harvard lost to Pennsylvania last week and they have lost several previous games, so they are not rated as one of the best teams of the year. As both the Engineers and the Crimson have suffered defeats they are pretty evenly balanced and the Cardinal and Gray has the advantage of playing on their own field.

Several new formations were tried out in a fast scrimmage last Saturday afternoon. A large number of the ineligible turned out making the scrimmage very lively. As there were not enough ineligible to form a full team, the men were split up into two groups and had a lively scrimmage for about an hour.

Much better teamwork has marked the practice of the squad during the past week. During the scrimmage Saturday, the passes were direct and delivered with plenty of speed behind them. Better co-operation between the various positions was emphasized and the squad worked hard trying to eliminate the mistakes of other games. As a whole the team looks much better than it did against Springfield a couple of weeks ago. If they play as hard as they did in the scrimmage last Saturday they ought to be able to beat Harvard, but it seems that the men do not fight as hard in a real game as they do when they are playing against the ineligible.


No announcement has been made as yet of the positions on the lineup that will be used against Harvard. However, it is known that all the regulars will be in the lineup and a number of the positions will not be changed. Technology's team is a silent team and they do not talk the game up while they are playing. If they did, they would probably develop a much better spirit and find out some of their faults much sooner. However, the Cardinal and Gray is going to put up one of its best games of the season against Harvard tomorrow as it is no honor to be beaten by Harvard, especially since Harvard has lost a number of games already this year. The game will probably start at three o'clock and will be on the Coop field.

The Engineering Foundation of New York has announced that 56,000 American engineers will join in giving to the University of Louvain a clock and a set of chimes for its library tower as memorials to American engineers who died in the World War.

At the University of Cincinnati the president of the Junior class got the office because he was the only man to circulate a petition for the position. Four possible rivals suffered from an inferiority complex—they petitioned for the office of vice-president.

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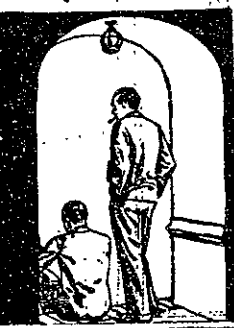
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GREAT SCIENTISTS OF WORLD HELPED BY M. I. T. CURATOR

Many Gifts of Appreciation Are Among Possessions of Elof Benson

WAS ON HOSPITAL STAFF

(Continued from page 2)

assisted scores of the world's most famous scientists in their lectures at the Institute—a list far too long to include—all of whom were astounded at the completeness of the laboratory apparatus. He prepared experiments in radium emanation for Rutherford over twenty-five years ago in the old buildings on Boylston street, for Wilhelm Ostwald, the greatest living chemist of his day, and for the last two decades of Professor Cross's life he was his constant aid in the development of the present department. The two of them together devised many of the experiments used today in the various courses. Professor Cross, it might be mentioned, should be given the greatest credit for the present status of Physics at M. I. T. as it was through his untiring efforts that the science reached the remarkable position here that it now holds.

Students can little realize the tremendous amount of labor required to present some of the experiment that are apparently the simplest possible to perform. Mr. Benson once spent fifty hours making ready for a lecture on radio wave theory, in which the radio waves were reflected, polarized, and shown to behave exactly as do those of ordinary light. This lecture, the result of a week of preparation, required only an hour for the actual presentation. It is his greatest pride that never once has one of his experiments failed to work to perfection.

President Nichols' study of the actual pressure of light waves on material objects, for which he was awarded the Rumford medal, was the result of experiments in which he was assisted by Mr. Benson, and the Rumford Committee of the American Academy of Arts witnessed for the first time in their lives the Cavendish experiment for the weighing of the earth when they saw Mr. Benson's apparatus in the old Walker Building in Boston.

The writer was shown some of his special personal possessions, some given him by world-known scientists; there was a print of the only natural color photograph ever made through the use of light interference, by Lippman, of Paris; a rare Nichols prism valued at \$1500; and the first vacuum tube ever to be used in the United States for X-ray purposes.

Incidentally, the first X-ray photograph was made by this tube of President Walker's hand. It required an exposure of twenty minutes, as compared with the present requirement of a fraction of a second. Mr. Benson was also on the X-ray staff of the Boston City Hospital for ten years, where he was engaged in the treatment of cancers, tumors, and the examination for early symptoms of tuberculosis.

As well as having developed many of the prominent experiments given at Technology, Mr. Benson has to his credit a number of inventions, from X-ray tubes and camera attachments to a modern submarine signaling device, and he was lately instrumental in winning a lawsuit concerning the recently-developed neon tube airplane beacons. It is through the work of just such men as Mr. Benson that Technology has gained her reputation as the greatest technical institution in the world.

Supervisor Apparatus For Quarter Century



ELOF BENSON Holding Nation's First X-Ray Tube

ANECDOTE REVEALS OLD TECH SPIRIT

Boylston Street Students Take Half of Class Period To Enter Lecture Room

"Tech Spirit" of the good old days at the school on Boylston street has been brought to light through a story told of the late Professor of the Physics Department. The professor heartily disliked the frequent interruptions of his lectures by the tardy arrival of certain sleepy students, and though he claimed he would never shut the lecture room door in a man's face, he would close and lock the door as near five minutes after the hour as the last man in sight would permit.

One day the professor stalked into the hall, and glanced around amazedly; not a single student was there for the lecture! Promptly at five minutes after the bell he went to the door to lock the entire class out, but a man walked in unconcernedly just before he reached it, followed immediately by several more, all taking their time as though nothing were at all out of the ordinary. Professor Cross glanced down the hall to make sure no one was in sight, but along came five or six others, followed by couple after couple, each coming into view as the man ahead entered the room. The astounded professor would not go back on his word, but sat down resignedly to wait the full twenty-five minutes that it took for his class to accumulate.

MOST M.I.T. ALUMNI LIKE EAST COAST AS PLACE TO LIVE

Nearly Half Of Technology's Graduates Live in New England

567 OUTSIDE OF AMERICA

Of 17,735 former Institute men, 4008 of them are living within the limits of the Boston Postal District, 6334 in Massachusetts, and 7675, or 43.25 per cent of the total graduates, live in the New England states, it was announced Monday evening at the season's initial meeting of the Alumni Council.

The majority of the alumni, 84 per cent, or 14,891, are living east of the Mississippi. Of this number 4178, or 23.5 per cent of the total, live in New York, New Jersey or Pennsylvania. Only 2011, constituting 11.25 per cent of the alumni, live in the western half of the country. Canada and Mexico claim 266 Technology-trained men, while 567 graduates have chosen to live outside the North American continent.

This data was presented by the Alumni Secretary, Orville B. Denison '11, and includes those men whose addresses are definitely known. Members of the Class of 1927 are not included in this list.

Registrar James C. McKinnon '13 talked to the Alumni Council on registration trends at the Institute, announcing that this year for the first time since 1921 the curve had again an upward slope. This year's freshman class is the largest since 1922, and 19 per cent greater than last year's entrance class, while the total figure of 2700, though 25 per cent lower than the peak of 3505 in 1921, is about 500 above what would be the indicated attendance if the pre-war trend from 1900 to 1916 had continued to increase as during these 17 years.

Sixty-eight members and guests, representing alumni chapters in all parts of the world, were present at this 129th meeting of the Alumni Council. The Presidents of the three upper classes outlined various phases of the Sophomore-freshman relations, discussing the coming Field Day and the freshman Rules.

President Samuel W. Stratton expressed his favorable impression of this year's freshman class, stressed the value of the Regional Scholarships among the local clubs, and in closing announced that the Institute Corporation has authorized the appointment of a committee of 12, three each from the Corporation, Faculty, Alumni Council and Undergraduate Body, to handle all matters concerning the Dormitories, as was announced in THE TECH some time ago.

Nine hundred freshmen are being psycho-analyzed at the University of Pittsburgh.

PRINCETON STUDENTS ARE DISENFRANCHISED

A long fight on the part of *The Daily Princetonian* to win for the students the right to vote at municipal elections, a fight begun when the franchise was denied at registration time, has ended with the refusal of the county elections board to reopen the case. Consequently, a bitter fight for the Princeton mayoralty passed without the student electorate's participation. And so far as the state of New Jersey is concerned, students of voting age have not the same privilege accorded the town half-wit.

Whether the politics of the mayoralty fight had anything to do with a desire to keep the students from voting, is not clear. Presumably the opposing candidates stood with the collegians. But the election board decided that the residence requirement of five months had not been fulfilled, due to summer absences, and on this grounds denied use of the ballot. *The Princetonian* carried on the fight, and produced a statement from President Hibben giving it as the University's view that despite holidays, students are regarded as residents for a year at a time. The board remained unconvinced, and the students also. But the board had the final word.—*New Student*.

Intercollegiates

According to Stevens "Stute," a large number of prominent Engineers, upon being asked which course at college had proved the most valuable to them in later life, replied almost unanimously in favor of English.

The department of Physical Education at the University of California recently announced that the average size of women is steadily decreasing whereas the man is becoming larger.

Calvin Coolidge has a rival in Fielding H. Yost. The president's "I do not choose to run" was closely seconded in effect by Mr. Yost's "I do not find it possible to coach football this year." Perhaps the Michigan football coach has the edge, for more "irreplaceables" are being heard concerning his decision to terminate the work that has made him and Michigan football teams famous since 1901, than concerning the president's enunciation.

Yost will devote his time to his general duties as physical education director for the university. His action he said was necessitated by the expansion of the university's athletic program.

While Coach Yost was making his explosive announcement Coach Bob Zupper, of University of Illinois, returned from Europe where he is reported to have spent the summer studying masterpieces of painting. Whatever impression Europe's arts may have made on him was hidden by Mr. Zupper's immediate diversion of attention to his professional duties. However, he is being watched for possible introduction of Artistry into Big Ten football.

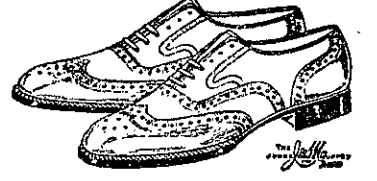
Alumni of Large Colleges Demand Winning Team

Michigan's Victory Over Ohio State Disgusts Ohio Alumni

Ohio State University lost a football game to Michigan, by a 21 to 0 score. Almost before the players had reached the locker rooms, the anvil chorus of Ohio State alumni was well under way, and never was a chorus louder or more indicative of alumni importance in controlling alma mater's affairs.

A. W. Raymond, president of the Varsity "O" Alumni Association resigned his office at a meeting of the former athletes, who had just given the football coach, Dr. John W. Wilce, an ovation. Dr. Wilce insists that the team was as good as ever. Irreconcilables among the alumni charge that the players knew nothing of fundamentals, and have suggested that "two-thirds of the players who participated in the Michigan game turn in their suits and that Ohio State get a new head coach or that a decided shake-up of the team be instituted."

The *New York World*, discussing the case in an editorial entitled "The Alumni Nuisance," points to the vicious circle whereby "the university, to get funds, must have bigger and better football teams, and the alumni, in return for the funds, demand still bigger and better football teams." It adds: If the alumni could get this simple proposition through their heads and cease to throw the whole university into a turmoil every time a game is dropped, things might ease off a bit. And if they could get through their heads that football is a very small part of the real work of their schools, university life might take on a pleasanter tone.—*New Student*.



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Notices and Announcements

M. I. T. A. A.

Will the following men please call for their Varsity shingles at the office: "T"—C. B. Meagher, P. H. Kirwin, R. A. Jack, J. A. McCarthy, M. H. Fay, J. S. Wiebe.

"Tt"—T. Kuki, M. Davier, We-tuh Kwauk, D. F. Collier.

"gTt"—C. W. Newhall, W. B. Moore, G. V. Patrick.

"aTa"—C. B. Meagher, M. H. Fay, P. H. Kirwin, R. A. Jack, J. A. McCarthy, R. C. Austin, C. E. Worthen, Jr., N. W. Mitchell, N. L. McClintock, N. E. Earle, J. S. Wiebe.

There will be a meeting of the Honors discussion group in Room 2-278 Tuesday afternoon at 5 o'clock. Suggested reading for this meeting is "Meaning of a Liberal Education" by E. D. Martin.

T. E. N. COMPETITION

The managing board of the *Tech Engineering News* announces the beginning of a Post-Field Day Competition. All interested in trying out for the paper should report to the office in Walker basement.

TECH SHOW

There will be a meeting of the Music and Lyric Writers of Tech Show in the East Lounge of Walker, Wednesday at 7:30 o'clock.

SWIMMING NOTICE

Practice for both freshmen and Varsity will be held at 5:00 P. M. on Monday, Wednesday, and Friday for the rest of the year.

CHRISTIAN SCIENCE SOCIETY

There will be a meeting of the Christian Science Society today at 5 o'clock in Room 4-132.

FRESHMAN CREW

All freshmen who are substituting crew for P. T. must report at the boat house on Wednesday at 5:15.

M. I. T. A. A.

The following men have class numbers still awaiting them in the A. A. office. Will they please call for these just as soon as possible.

1929—Ralph H. Crosby, David F. Walters, John H. Powell, William W. Young, Harry Dickinson, Alexander Crosman, Lewis Aldrich, Carl M. F. Peterson, George J. Burke, Gordon S. Clark, William Culinan, Jr., Robert Jacobs, Walter Henry Gale, George Walker, Jr., Albert Lewis Eigenbrot.

1930—Richard Berry, Ludwig Jandris, DeWolf Thomson, John King Vennard, John Henry Rogers, George M. Houston, Jr., Lawrence Gonzalez, Robert Henderson, William Nathan Boynton, Joseph Curran, Henry Craig, Donato MiManni, Horace Preble, David Wells, John Pratt, Edward Dean, Robert Snyder, Abraham Greenberg, William Spahr, John Gardner, Theodore Lewenberg, Richard Orlman, Harold Plant, William M. Wheelton, John A. Ginley, Howard S. Gardner, Jr., Russell H. Costello, Thoresby Slack, Leon S. Thorsen, Ernest B. Whitworth, M. H. Braydon, Howard M. Palmer, Bernabe F. Barrios, Maurice S. Herbert, Israel M. Cohn, Richard R. Hartwell, Amerst Huson, Ferdinand Royo.

Exhibition

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FRESHMEN WILL VOTE FOR CLASS OFFICERS TODAY

FIVE MEN ARE IN COMPETITION FOR CLASS PRESIDENCY

Will Use Preferential System
Of Balloting—Booths
Lend Secrecy

VOTING FROM 9 UNTIL 5

Members of the Class of 1931 will elect eight of the 53 nominees for class officers today to be the leaders of their class during the remainder of this school year. The booths which are provided for the voting in the Main Lobby will be open between the hours of 9 o'clock and 5 for the first-year men to cast their ballots.

With such a large number of candidates running for office this year, to obtain really representative results it will be necessary that a larger percentage of the class vote than has been the custom in former elections, when as a rule only half the men turned out to vote.

In these elections, the preferential system of voting will be used owing to the successful results obtained from its use in voting since its installation three years ago. In this method of balloting, the man casts votes for as many nominees as he knows indicating the order of his preferences by numbers placed beside the name of the candidate. For instance, in voting for president, he would place the "one" beside the name of the man whom he wanted to be elected, a "two" beside the name of his second choice for the office, and so on down the list on the ballot sheet. The booths which are provided for marking the ballots make the process of voting absolutely secret.

Robert B. Freeman '31 comes from Portland, Maine. He prepared for the Institute at Tilton Seminary, Tilton, N. H. Two years of his life were spent as quartermaster on several passenger ships making trips to Europe, South America, the Orient, and around the world. During the two years he sailed 102,000 miles on the ocean. Freeman has become well known at the Institute due to his work as stroke and also captain of the freshman crew.

Lawrence W. Grady's home is in
(Continued on Page 4)

FACULTY CLUB HOLDS LUNCHEON MEETING

James K. Clapp '23, Speaks on Recent Flood Disaster

A meeting of the Faculty Club was held at a luncheon in the Faculty Dining Room of Walker Memorial at noon yesterday. There was an especially large attendance at the meeting, about 75 members being present. The principal speaker for the occasion was Mr. James K. Clapp '23, who spoke on the recent disastrous flood. Mr. Clapp told of the equipment used in transmitting radio reports and the extreme importance of the radio during the flood. For the first time, lantern slides were used, and during his speech Mr. Clapp showed pictures of the damage done by the flood in the different sections of the flood district.

When the flood waters burst over Vermont and Western Massachusetts, and cut off all communication between this area and an anxious world outside, it was an M. I. T. group, under the direction of Mr. Clapp, who succeeded in re-establishing communication with the outside world. This was accomplished by means of portable radio equipment which was used while the flood was still at its greatest height.

How Beaver Harriers Scored in N. E. Meet

- 4—Norman McClintock '29.
- 8—Leon Thorsen '30.
- 9—Capt. Peter Kirwin '28.
- 15—Clarence Worthen '29.
- 33—Newell Mitchell '29.
- 59—Harold Dick '28.
- 59—Edward Holmes '28.

Debating Team To Face Middlebury On December 14

Foreign Policy Will Be The
Subject of the First
Debate of Year

Middlebury College will be the first opponent of the Technology Debating team this year, the discussion will take place in Rogers Building on the evening of December 14. The Vermont team tasted defeat at the hands of the Institute team last year and its return engagement this season augurs well for a brilliant session in Rogers four weeks from today.

"Resolved, that the United States should Cease to Protect, by Armed Force, Capital Invested in Foreign Lands, Except after Formal Declaration of War," is the subject of the debate, and the Tech team will uphold the negative side of the proposition. This debate should prove of interest, especially so since the affair with the Latin American countries has just blown over.

While no schedule has been arranged, it is definite that there will be a debate with each of the following teams: University of Maine, California Tech, University of New Hampshire, and Middlebury College. Debates will probably be arranged in the near future with several other prominent schools, as it is the plan of the Debating Society to hold ten debates this year.

Tryouts for the freshman team were held a few evenings and the results will be announced in a few days.

CATHOLIC CLUB TO BANQUET TONIGHT

The second of the monthly banquets of the Catholic Club will be held this evening in North Hall of Walker at 6 o'clock. President James Cullen '28 will preside at the dinner and a business meeting which will follow. The two principal speakers of the evening are Brother Gilbert and the ever popular J. F. O'Neil. The former is the sponsor of Babe Ruth and started him on his baseball career; O'Neil is well known as a humorist.

A short business meeting will be held to arrange for coming events. Acquaintance dances with college Catholic Clubs such as Simmons, Emerson, Radcliffe and St. Cecilia's, will be planned and also the Communion breakfast to be held about the middle of December.

Three Freshmen Show Wretched Class Spirit

Those freshmen who have demonstrated such a poor degree of class spirit as to have been reported four different times for breaking the freshman Rules were called before the Rules Committee yesterday afternoon. Of these four men three demonstrated an utter lack of interest in the activities of their class by failing to appear when summoned. These men are:

- Percival Elbaum.
 - Andre V. Ajemian.
 - Irving M. Dubinsky.
- One more summons will be sent to each of these men, and if this is not heeded they are liable to drastic penal measures which the committee has the power to inflict.

SPORT PROGRAM FOR FRIDAY NIGHT FULL OF LIVELY ACTION

Basketball Scrimmage; Boxing
And Wrestling Bouts
Are Scheduled

Plans for the sport carnival to be held on Friday night at eight o'clock in the Hangar gym have been completed and a varied and interesting program is promised for all sport lovers.

Three fine exhibition wrestling bouts have been arranged and these will be the first on the program. J. P. Gentile, a transfer from Rensselaer Polytechnic Institute, where he wrestled on the Varsity team, and Nerses Der Marderosian, veteran of last year's Cardinal and Gray team, are matched for the first bout. Capt. Jimmy Cullen and C. B. Bacon will meet in the second contest and the feature event finds W. F. Mattelage opposed to Coach Green.

The second event scheduled is a scrimmage between two groups of the Varsity basketball squad. Four of last year's regulars are back and all but Norm McClintock, who is running on the cross country team now, will get into action. Capt. N. C. Estes, B. B. Brockelman, C. B. Allen, E. S. Johnson, J. F. Reyniers, A. J. Mock, C. J. Lawson, H. N. Bates, T. Green, and W. H. Spahr are expected to compete.

Following basketball there will be two periods of twenty minutes each devoted to gym and fencing exhibitions and the program will be concluded with three boxing bouts. In the first contest Peatfield, a Varsity man, will spar with Tommy Rawson Jr. son of the coach. Bolanos and Jamison, two Varsity men will furnish the action in the second bout. Capt. Lou O'Malley and George Flynn will meet in the final contest.

ENGINEER HARRIERS ANNEX SECOND PLACE IN THE NEW ENGLANDS

University of Maine Wins Cross Country Classic With
Record Low Score of 29—M. I. T. Tallies
62—New Hampshire 101

Both Technology's Varsity and freshman harrier teams, running their best races of the season, finished second in the New England cross country championships at Franklin Park on Monday afternoon. Maine walked away with the Varsity event with the record low score of 29, all five men finishing within the first twelve, while the New Hampshire yearlings had even a bigger margin in the freshman race. Richardson and Lindsay, both of Maine finished in practically a dead heat for first place, with McNaughton, another teammate in third place. Norm McClintock, the first M. I. T. man home, ran a fine race to finish in fourth place.

AERO SOCIETY WILL HOLD SHORT SMOKER

Pictures of National Air Races
Are To Be Shown

A Movie Smoker given by the Aeronautical Engineering Society will be held in Room 5-330 tomorrow evening at 7:30. Official War Department motion pictures of the 1926 National Air Races at Philadelphia, the Radio Beacon, and the Foreign Gliding Contests will be shown. Incidentally, the glider of the Aeronautical Engineering Society, flown by Mr. Edmund T. Allen, is shown in flight in a meet held in France. The smoker will not last a long time and should be over by 9 o'clock so as not to interfere too much with school work. All students interested in seeing these pictures are invited to attend the smoker and those who wish to become members of the Society will have an opportunity to sign up at that time.

FLOOD CONTROL IS DR. MORGAN'S TOPIC

Flood control will be the subject of a lecture by Dr. Arthur E. Morgan, President of Antioch College and Vice-President of the American Society of Civil Engineers, in Huntington Hall, 491 Boylston Street, at 8 o'clock tomorrow evening.

The lecture, which is open to the public without charge, is being given under the auspices of the Technology Chapter of the American Society of Civil Engineers.

Dr. Morgan is one of the leading authorities in the world on flood control and has served as chief engineer both for the Miami Conservancy District and the Conservancy District of Pueblo, Colorado. He is expected to discuss the great Mississippi flood and the more recent disastrous floods in New England.

In the Varsity race the boys from Orono, Maine, quickly established their supremacy. Richardson, winner of last year's freshman race, jumped into the lead shortly after the gun and led the pack all the way with Lindsay almost by his side. At the two-mile mark Maine held the first four positions and there was no doubt as to the ultimate winner. McClintock made a gallant fight to get up with the leaders and succeeded in edging into third place as they started the last mile. In the stretch he tried to gain on the Maine men but they had too much in reserve and McNaughton managed to pass the Cardinal and Gray runner and give the Orono team the first three places.

Capt. Kirwin, Thorsen, Worthen and Mitchell all finished well up in the race, Thorsen and Worthen in particular exceeding expectations. Leon Thorsen ran a remarkable race to finish in eighth place and nearly beat out Russell Hobbs, the New Hampshire Sophomore star, at the finish. Fuller Lockhart of B. U., previously undefeated this year, Capt. Cushing of Maine and Capt. Fitzgerald of Holy Cross are a few of the first class runners who were forced to lower their colors to the Technology Sophomores. Capt. Pete Kirwin, who finished right behind Thorsen, completed his cross country career at Technology with a nicely run race.

Chuck Worthen, running faster than ever before, was the real surprise when he finished in fifteenth place. Under Coach Hedlund's tutelage Worthen has come along rapidly this year and is
(Continued on page 3)

Report Names of Freshmen Without Ties in Lectures

Enforcement to Be More Strict
Due to Lagging Spirit
Among Yearlings

Names of all freshmen who are not wearing their ties regularly during school hours are being taken by the Freshman Rules Committee in the various lectures. This plan of strict enforcement has been adopted because of the drop in class enthusiasm which has been evident among the first year men since Field Day.

As a result of this plan it will be a comparatively short time before nearly all those who are not wearing their ties will be summoned before the Committee for a reprimand. However, it is hoped that the yearlings will respond to a call for co-operation from the committee so that such measures will be unnecessary.

Plans for such an appeal to the freshmen will be discussed at the meeting of the class section leaders which will be held this afternoon in Room 4-138 at 5 o'clock. As this will be the last meeting of the leaders before the class officers assume the control of the freshman affairs, it is important that there be a full attendance.

CALENDAR

- Wednesday, November 16
 - 3:30—Football game, The Tech vs. Technique, on Tech Field.
 - 5:00—Regular Meeting of Mathematics Club in Room 4-231.
 - 6:00—Catholic Club Supper Meeting in North Hall, Walker.
- Thursday, November 17
 - 4:00—Meeting of Society of Automotive Engineers in Room 3-470.
 - 7:30—Aeronautical Engineering Society Smoker in Room 5-330.
- Friday, November 18
 - 7:15—Army Ordnance Meeting in Faculty Dining Hall, Walker.

Powerful Football Aggregation of THE TECH Will Smear 'Snique Over Tech Field Today

Newsies Topheavy Favorites To Win—Decide Not to Score More Than 100

Game time approaches. The hordes of spectators are already pouring into the stands. Pennants and banners are waving to and fro in the wind. A few minutes pass and then a mighty shout arises as the powerful gridsters of THE TECH take to the field for a few last minute workouts. The squad appears to be one of the fastest and cleverest that have ever played on Tech Field.

Now a tumult is heard in the back of the stands and a moment later eleven 'sniques slink onto the field. They appear immune to the shouts of derision hurled at them and commence an awkward practice session. Suddenly a whistle blows and then comes the kick-off. The game is on. This is in brief a summary of pre-game events in the slaughter of Technique by THE TECH this afternoon at 3:30.

Never before have the newswriters been such top heavy favorites to win. It is true of course that they have an unusually powerful squad this year, but it must also be remembered that 'snique has even a more inferior team than that of former years. They have practiced faithfully but to no avail since it would take years and not

months to build up a team from their present material.

In direct contrast to their opponents, THE TECH has a fast running, smooth working combination that should easily crush the 'snique tong. Their passing is accurate; their punts go high and far; their tackling causes strong men to shiver; the line is heavy and low charging but has sufficient speed to get the jump constantly on their adversaries.

Football Lineups

| | |
|-------------------------------|---------------------------------|
| THE TECH | TECHNIQUE |
| Houston, le.....le, Fairchild | Danziger, lt.....lt, Botzow |
| O'Malley, lg.....lg, Crozman | Harmon, c.....c, Byrne |
| Chatfield, rg.....rg, Moreau | Verveer, rt.....rt, Melcher |
| Hamlin, rs.....rs, D'Antoni | Young, qb.....qb, Wood |
| Keough, lhb.....lhb, Drake | Ruch, rhb.....rhb, Brenner |
| Parks, fb.....fb, Wofford | Substitutes: The Tech—Brim- |
| | berg, Connable, Wise, Sullivan. |
| | Technique—Vezin, Wyman, |
| | Tufts, Pankratz, Coveney, Carr. |
| | Referee—Paul Donahue. |
| | Head linesman—W. W. Drum- |
| | meay. |

Senile 'Snique Snivelers Will Demonstrate How Not to Play Football

The coolies are basing their hope of victory on Waffles, the only flapjack halfback in the game. As is the case with the delicacy after which he is named, he is awkward to digest but if sufficient syrup is poured over him he may slip through for a few yards. Worm Wood is another 'snique possibility. He cannot tackle, pass, punt or rush but he has a continuous chatter and hopes to talk THE TECH out of a few plays. To continue analyzing this team is useless. The two best players have been named already and the remainder grow steadily worse, until finally we reach J. Casket Belcher, one of the worst players in history.

As THE TECH players have an important dinner engagement at the Bellevue in the evening, they will waste no time in insuring victory. It has not yet been definitely decided who will be given the honor of making the first touchdown, but it has been agreed that each back will limit himself to a total of three touchdowns and one dropkick. In this way the score will be kept down and the newsies should not win by a margin of more than one hundred.

A Record of Continuous News Service for 46 years



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

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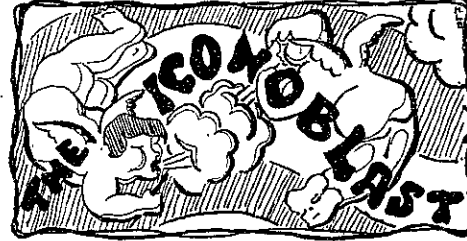
YOU NEVER CAN TELL

Those who enjoy Mencken's attitude toward life in general but prefer it in a somewhat more refined atmosphere will find in G. Bernard Shaw's comedy, "You Never Can Tell" which is playing this week at the Repertory Theatre, a very agreeable play.

When a wife and the children have been living away from their father for eighteen years, and when the children don't even know who he is, almost anything may happen when they accidentally meet.

Adelaide George and Forbes Dawson as the two younger children of the family are particularly amusing and carry off their parts extremely well.

H. T. G.



The Lounger has been functioning for a longer period of time than it is decent to mention, and like so many of the members of our Faculty has become slightly moth eaten.

Having stated our platform we go further with our political speech and beg to state that the Lounger is the only one of us who is wet!

There is little truth in the last Lounger—there never has been a particle of truth in any statement by the Lounger for that matter.

And because art is long and time is fleeting we must, perforce descend from the sublime to the ridiculous. Again we think of the Lounger and wonder why it is that he has not solved the Mystery of the Eight Cocktail Shakers.

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TODAY'S GRIDIRON CLASSIC

EVERY year it is the custom of the lusty minions of THE TECH to engage in physical combat with the flaccid, withered and asthenic underlings who inhabit the Technique office.

It is rather a pity that in a college the size of Technology, enough men cannot be found to make a creditable appearance against THE TECH football team.

We have learned, from rather reliable sources, that the moving spirits behind the Technique eleven have been resorting to unfair practices to enable their men to withstand the smashing of the first few minutes of the encounter.

This afternoon at three-thirty, out behind the track house the dirty deed will be done. Right will triumph and once again THE TECH will emerge victorious.

WE—THE COLONIAL NINCOMPOOPS

SO LONG has Oxford University been habitually accepted as the very summit of all learning, after which American colleges often vainly try to pattern themselves, it is very difficult to realize just who is the real superior in the modern understanding of what makes the most satisfactory university.

We have always been inclined to think of this English school, as a relic of the past, that, through sheer determination to hold its age and undimmed reputation for possessing the only genuine cultural atmosphere in the world, has continued to exist amongst the latest, ultra-modern institutions.

In an issue of "The Isis," which we surmise to be their traditional literary effort, there appears this pathetic appeal for justice: "There is no valid reason why we, who at the moment compose Oxford and all that is in it, should allow ourselves to be depicted as the trumpety actors in a roseate spectacle for colonial nincompoops."

Now we could hardly picture a college editor anywhere in America hammering out so vicious and literary a protest, especially over such a highly desirable method of obtaining immortalizing publicity.

THE GORILLA

With this week's presentation, the Keith-Albee St. James players revive Ralph Spence's success of two seasons ago, "The Gorilla." The real reason for the existence of this play lies in its characterization of the dumb-but-earnest detectives, Mulligan and Garrity, who furnish most of the comedy and help to pass the time away between shrieks.

"The plot is connected and full of terrible situations, but the counterplot is a burlesque on all the mystery dramas which have ever been presented on the stage or conceived in the wildest imagination of a fiction-writer."

The story is simple. Cyrus Stevens with his niece, Alice Denby has just returned to the old Stevens homestead. He is threatened by a notorious criminal known as "The Gorilla."

It is too bad that the good work of two and a half acts should be undone by careless work in the last scene of the play but such was the reaction.

The fault lies in the play itself. As for the acting, laurels go to Frank Charlton and Charles Schofield, the detectives and Walter Gilbert who ably leads the company in his characterization of Arthur Marsden.

W. W. H.

AS WE SEE THE MOVIES

STATE

"The Magic Flame" with Ronald Colman and Vilma Banky, is a thrilling romance of circus life, and one of the best shows that has been at the State Theatre in some weeks.

Colman and Miss Banky are popular in this country as screen lovers. Both the hero and the heroine have exceptionally good roles. Ronald Colman appears as a king and a clown, which is surely an unusual feat.

The Clown is responsible for the death of the King in a fight over an aerial artist. The Clown, who takes the place of the King, is treated with royal honors, and finds that he is in the middle of hundreds of plots and counter-plots.

The wily Chancellor tries to make him aid her in doing away with the alleged King. There is an exciting scene, a quick climax, and eventually the Clown and the aerial artist are reunited in their beloved circus.

The famous Rooney family is the stage attraction. Pat, his wife, and Pat Rooney III all show their skill as singers and dancers. "The Call of the Cuckoo" is the comedy this week. "The Fair Co-Ed" will be the picture next week.



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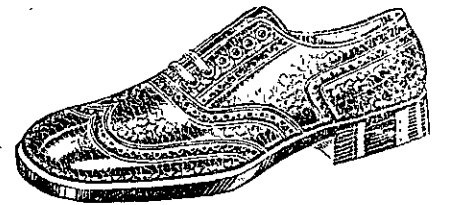
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THE SLAUGHTER OF THE INNOCENTS



This ill-fated group of "football players" will be slaughtered and buried on Tech Field this afternoon by the stalwarts of THE TECH.

The Technique players are, left to right, top row; Fairchildren, Bootzow, Crossboy, Waffles, Lesseau, Belcher, Dante Tony. Middle Row; Cake Drake, Brenter, Worm Wood, Burnemup, Pankyrats, Toughs. Bottom Row; Cartrack, Whyboy, Coverknees.

M. I. T. AND HARVARD SOCCER TEAMS IN DRAW

Tech Harriers Take Second Place In Varsity and Frosh Title Races

Sacco Scores Technology Goal From Mid-Field in 1-1 Tie on Coop Field

Technology and Harvard battled to a 1 to 1 tie yesterday afternoon on the Coop field. Fighting desperately during the last quarter both teams did their best to score, but neither was able to get a goal across although many times it looked as if either Harvard or the Engineers might sneak a shot by the goal tender.

Harvard got off to an early lead when Kerness managed to let a shot past Wyman early in the first quarter. From then until the middle of the third quarter Harvard kept the lead and outplayed the Cardinal and Gray during most of the first part of the game. Receiving a kick from Wyman in about the middle of the third period, Sacco got the ball on about the Harvard 40-yard line, worked it by the two fullbacks and started for the goal with a clear field in front of him and shot the ball through the goal guards hands. The goal guard was so surprised that he didn't seem to realize what happened.

From then on the game was a real battle. First the Engineers would threaten and then Harvard would get the ball and work it down in front of the Engineers' goal. Once a Harvard man was right in front of the goal with no one before him but the goalie, but as fate would have it he slipped and fell when right in front of the goal, the ball going wide rolled past the goal line. Another time Harvard was down in front of the goal again, but this time the kick went wide and just missed the goal.

Wyman prevented several goals from getting across by jumping up and knocking the ball over the goal posts. He played a good game, stopping all of Harvard's attempts at scoring except the one which he did not have time to stop. The fullbacks gave him very poor support by missing over half the balls that came to them and letting the Harvard forwards get it and head straight for a goal. Several times Ted Riehl would kick at the ball, miss it and trip or fall over leaving Wyman or Hawkins to try and stop the Crimson men from scoring.

During the first half, Harvard clearly outplayed Technology, but was able to score only once. Harvard had a very good passing system. All their passes were accurate and usually went to someone, which most of the Cardinal and Gray passes did not do. The first half of the Engineers game was marked by considerable listless passing, the passes ending up about half the time in the hands of Crimson men. The Harvard teamwork was good while the Cardinal and Gray's was decidedly in absence. It is a wonder that Harvard did not score more times than they did, but while their teamwork was good their individual playing was poor, many of their men missing perfectly easy kicks.

After Sacco scored the goal evening up the count, the Engineers woke up and started to play soccer. A sudden spirit somehow crept into the game and both teams were determined that the other should not score. Technology began to develop teamwork, but the individual playing of Fahey

HOCKEY TEAM HOLDS PRACTICE AT ARENA

Forty Candidates Report For First Workout of Year

Spurred on by last week's mass meeting, more than 40 candidates for the freshman and Varsity hockey teams reported yesterday morning at 7 o'clock in the Boston Arena for the first practice of the year. While the outlook for the Cardinal and Gray is not unusually bright this year, the turnout of such a large group will more than help to bolster up the team.

Coach Bill Stewart gave the men a light workout, merely going through the elementary plays for approximately an hour. Every man that reported was given a chance to display his skill however. Four different candidates tried out the position at goal and different groups were used on the other defense and offense positions.

It was announced that practice would be held twice a week, on Tuesday and Thursday mornings. As there is a game with Harvard scheduled early in December, it will mean that every practice session must be fully utilized. There is also the possibility of two more local games being arranged at the Arena before Christmas.

NORM MCCLINTOCK, FIRST BEAVER IN, FINISHES FOURTH

Maine Hill and Dalers Have Easy Time Winning Senior Event

N. H. FROSH TAKE FIRST

(Continued from Page 1)

going to be one of the main cogs in next year's teams. Newell Mitchell did not have a good day, but he finished high enough to assure Technology of second place. Hal Dick and Ed Holmes, the other two members of the Technology team, ran well and succeeded in swelling the totals of some of the other teams.

Technology gained revenge for her two defeats in dual meets this fall for New Hampshire came in third and Holy Cross fifth.

McClintock evened up with Hobbs for the defeat sustained in the New Hampshire dual meet and Capt. Kirwin, Thorsen and McClintock all defeated Capt. Fitzpatrick of Holy Cross, who led them in the race over the Harvard course.

Coach Paul Sweet's New Hampshire yearlings more than lived up to their fine reputation, all seven men finishing among the first thirteen. Five Wildcats were in the van and they were so far ahead that the first four locked arms and jogged across the finish line. The M. I. T. freshmen ran a much stronger race than was expected and Capt. Baltzer, Watson and McSheehy all were in the first ten.

Standings of Teams in N. E. I. C. A. A. Meet

| VARSITY | |
|-------------------------------|-----|
| 1—Maine | 29 |
| 2—M. I. T. | 69 |
| 3—New Hampshire | 110 |
| 4—Rhode Island | 114 |
| 5—Holy Cross | 144 |
| 6—Wesleyan | 150 |
| 7—Bates | 186 |
| 8—Brown | 190 |
| 9—Boston University and Tufts | 211 |
| 11—Mass. Aggies | 242 |

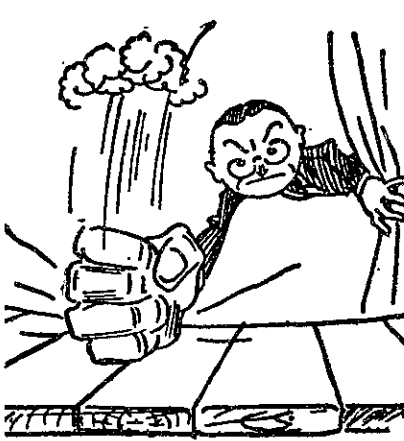
| FRESHMEN | |
|-----------------|-----|
| 1—New Hampshire | 39 |
| 2—M. I. T. | 113 |
| 3—Bates | 144 |
| 4—Maine | 167 |
| 5—Mass. Aggies | 220 |

FIVE MEN STILL IN TENNIS TOURNAMENT

Of the long list that entered the tennis tournament only five men are left with the approach of the finals. Three of the four matches in the round now being finished have been played. In this round Cleary defeated Wigglesworth in two straight sets, 6-4, 6-3. Kim also took the measure of his opponent, Winer, in straight sets, the scores running 6-2, 6-1. Kononoff, of last year's Varsity, won his match with McGuane, 7-5, 4-6, 6-4. The fourth match, between Doleman and Hagedorn, has not yet been run off. Manager Wilson announced that unless the semi-final round was finished by Thursday the game would be forfeited, but it appears as though an extended time would be necessary. Unless the tournament speeds up it looks as though the last matches would have to be cancelled or played indoors.

| M. I. T. | HARVARD |
|---------------------|--------------------|
| Wyman, g. | g, Salmon |
| Hawkins, rb. | rb, Clarke, Bodde |
| Riehl, lb. | lb, Stolemayer |
| Cooper, rh. | rh, Barnes |
| Cline, ch. | ch, Rudd |
| Fahey, lh. | lh, Carr (capt.) |
| Baroudi, or. | or, Haskell |
| Ventura, ir. | ir, Danillian |
| Mong, cf. | cf, Kerness |
| Sacco, il. | il, Vogel, Langdon |
| Sparre (capt.), ol. | ol, Driggs |

Score—M. I. T. 1, Harvard 1.
Referee—Carrigan.
Linesmen—Shannon, McLaine.
Time—4 15 min. periods.



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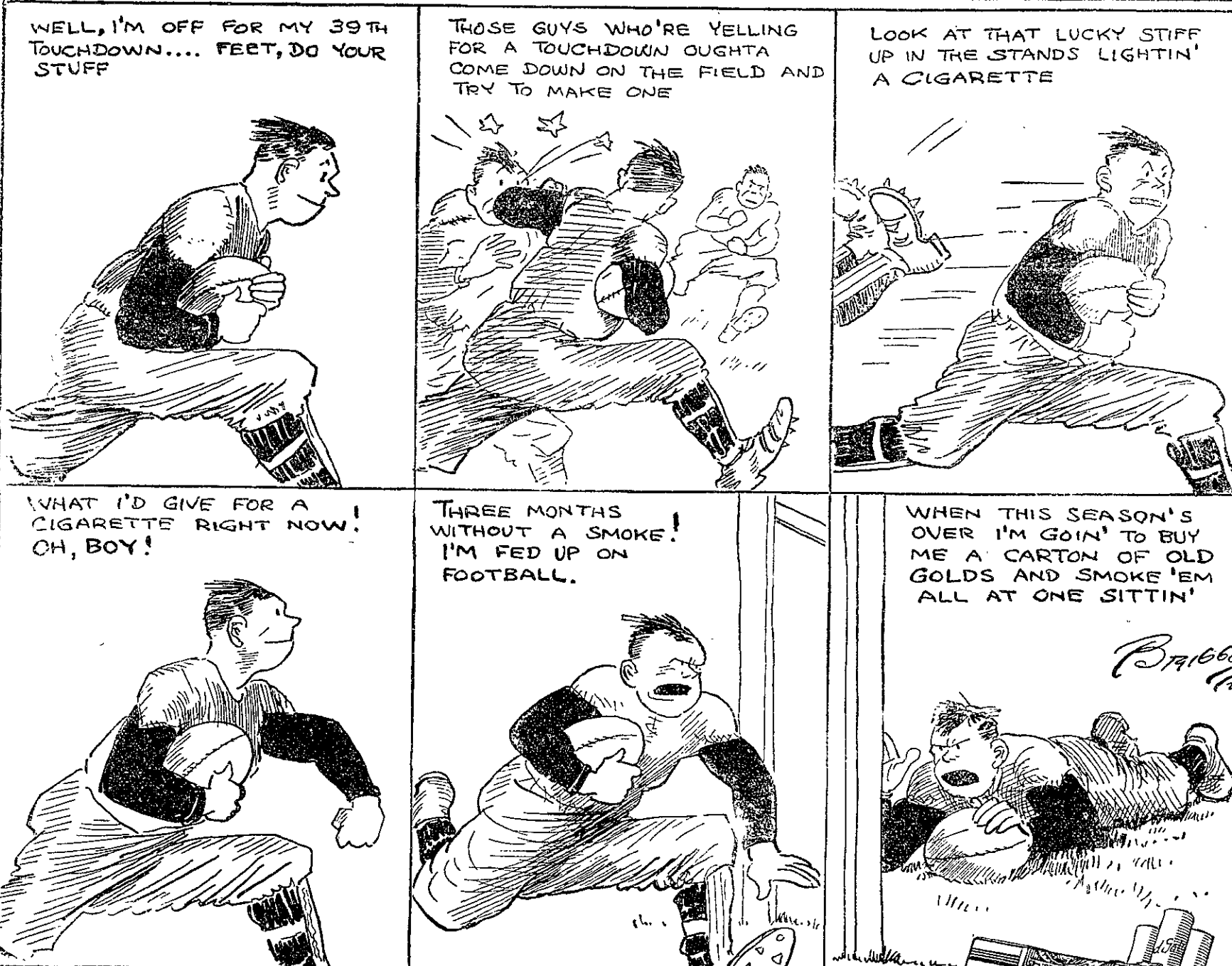
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Wonder What an All-Star Half Back Thinks About : : By BRIGGS



WELL, I'M OFF FOR MY 39TH TOUCHDOWN.... FEET, DO YOUR STUFF

THOSE GUYS WHO'RE YELLING FOR A TOUCHDOWN OUGHTA COME DOWN ON THE FIELD AND TRY TO MAKE ONE

LOOK AT THAT LUCKY STIFF UP IN THE STANDS LIGHTIN' A CIGARETTE

WHAT I'D GIVE FOR A CIGARETTE RIGHT NOW! OH, BOY!

THREE MONTHS WITHOUT A SMOKE! I'M FED UP ON FOOTBALL.

WHEN THIS SEASON'S OVER I'M GOIN' TO BUY ME A CARTON OF OLD GOLDS AND SMOKE 'EM ALL AT ONE SITTING!

BRIGGS

OLD GOLD

The Smoother and Better Cigarette

.... not a cough in a carload



'THE HAIRY APE' IS COMING SOON

Dramatics Organization Will Give One Invitational Performance

"Waste no Time" seems to be the motto of Technology's Dramatics organization. It was announced yesterday that "The Hairy Ape" would be ready for presentation on schedule the first week of December. In less than six weeks the organization has been perfected, an opening play chosen, cast selected, settings completed, and dress rehearsals begun. The management feels that the architectural students have lent invaluable aid in taking up the entire burden of scenery.

News of the activity in dramatics has traveled quickly, and letters of inquiry and commendation are coming in from the alumni all over the country. Selection of the second play to be presented is already under advisement. It was announced that "Catherine the Great," "R. U. R." and "Androcles and the Lion" are being favorably considered.

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NEW YORK BOSTON CHICAGO

Mysterious Track Meet Will Be Held Saturday

No handicap track meet will be held on this coming Saturday but a mysterious meet of some kind is scheduled to take place in the afternoon. Coaches Oscar Hedlund and Bill Meanix when interviewed refused to divulge what is going to happen and the track managers proved equally reticent. Whatever happens, there will probably be a large number of track men on hand to compete.

FIVE MEN OUT FOR CLASS PRESIDENCY

Greater Percent of Freshmen Class Must Vote Than Ever Before

(Continued from Page 1)

Brookline. His preparatory school was Chauncey Hall, where he attended for three years, and for one year he went to the Boston Commerce High School. He was a member of the Dramatics Club at Chauncey Hall, and an all-around student. At the Institute on Field Day he acted as one of the cheerleaders, and he is now on the cast of The Tech Show.

Joseph P. Brennan is a native of Cambridge. He prepared for the Institute at Cambridge High School, from which he graduated last June. When Brennan came to the school in September he went out for the freshman crew but due to medical advice he changed his activity and is now in the competition for crew manager. He is also much interested in literary work and at present is one of the candidates out for "Voo Doo."

C. Philip Hendricks attended Kingston High School, in New York, where he played Varsity football and baseball four years, was stage manager of the dramatic club, and editor of the yearbook. He entered the Institute last year and held the position of manager of freshman football, but due to ill health he was forced to leave Technology and re-enter as a freshman this fall. This year he was supervising manager of Field Day football and is now in the competition for Track Manager.

Victor C. Studley comes to the Institute from Springfield, Mass. His preparatory work was completed at a technical high school in Springfield, and he was very prominent there in school activities, being a member of the track team, and captain and manager of the tennis team. He took part in the tennis tournament now being held and finished well towards the top of the list. He is now engaged in the competition for freshman crew.

PRIZE COMPOSITIONS RECEIVE BOIT PRIZES

By the will of the late Robert A. Boit, the sum of \$5,000 was left to the Institute, the interest of which is to be used in annual prizes "to stimulate the interest in the best use of the English language." These prizes were established in 1921-22, and are now awarded to members of the Sophomore class in English and History on the basis of the required written work done by them. The winners of the prizes of \$25 each for the second term of last year have been announced by Professor Pearson, Head of the Department of English and History, as follows:

Hunter Rouse, "A Puppet-Master Muses"; A. G. Shepard, Jr., "H. G. Wells and the Human Adventure"; H. P. Meissner, "The Canons of Art"; A. G. Berndtson, "Realization"; Levon Seron, "Report on Samuel Butler's 'Erewhon.'"

The judges were Professor Charles Gott of the English Department of Tufts College, and Mr. D. M. Fuller, and Mr. W. C. Greene, Jr., of the English Department of the Institute of Technology.

M. I. T. A. A.

Will the following men please call for their Varsity shingles at the office: "T"—C. B. Meagher, P. H. Kirwin, R. A. Jack, J. A. McCarthy, M. H. Fay, J. S. Wiebe.

"Tt"—T. Kuki, M. Davier, We-tuh Kwauk, D. F. Collier.

gTt—C. W. Newhall, W. B. Moore, G. V. Patrick.

aTa—C. B. Meagher, M. H. Fay, P. H. Kirwin, R. A. Jack, J. A. McCarthy, R. C. Austin, C. E. Worthen, Jr., N. W. Mitchell, N. L. McClintock, N. E. Earle, J. S. Wiebe.

T. E. 'N. COMPETITION

The managing board of the Tech Engineering News announces the beginning of a Post-Field Day Competition. All interested in trying out for the paper should report to the office in Walker basement.

Gasoline To Be Subject of Next Chemical Movies

Thursday's Movie to Include a Method of Fighting Oil Fires

Tomorrow afternoon, at four o'clock, the third of the series of moving pictures given by the Chemical Department will be shown in Room 10-250.

The pictures will consist of six reels, the first part of which will be three reels presented by the United States Bureau of Mines, showing the manufacturing of gasoline from pure crude petroleum, a process that is one of the most important in the petroleum industry. The second half of the picture is presented by the Foamite-Childs Corporation, of Utica, makers of Foamite Fire Foam. This part of the picture shows how the product of this company is used in extinguishing oil fires, and other fires that cannot be extinguished with ordinary extinguishers. As a part of this exhibit, an oil tank containing 55,000 barrels of oil was set on fire, and then extinguished.

The picture as a whole should prove interesting to all, and anyone is invited to attend. At the last pictures, an audience of about two hundred people were present, and an equally large crowd is expected this week.

The freshmen of Wesleyan University rank highest among 25 colleges in the country in intelligence, if intelligence can be measured by tests. Wesleyan freshmen averaged 21.17 when the highest possible score is 40. Two men scored 39, which is considered very remarkable. Syracuse University is second with 19.98, Mt. St. Vincent third, Dartmouth fourth, and the University of Chicago fifth.

Notices and Announcements

FRESHMAN RELAY PICTURE

The freshman relay picture will be taken at 8 o'clock Thursday morning, November 17, at Warren Kay Studio, 304 Boylston Street. All members of Relay please report.

TECHNIQUE SENIOR PICTURES

Those Seniors who have not had their pictures taken for the Portfolio Section of the 1928 Technique are urged to make appointments for sittings with the photographer. The appointment desk will be in the Main Lobby, between 12 and 2 o'clock, only for the rest of this week. Seniors who are late in making appointments will not have their pictures in the 1928 Technique.

FRESHMAN HOCKEY MANAGERS

All men interested in the position of freshman hockey managers are requested to report at the M. I. T. A. A. office any afternoon this week after 5 o'clock.

M. E. SOCIETY

Trip to Edgar Station of Edison Electric at Weymouth on Friday at 2 o'clock. Bus will leave outside Building 3. Sign-up to be made at bulletin board in 3-470.

FRESHMAN CREW

All freshmen substituting Crew for Physical Training who have not reported at the boathouse yet must do so immediately.

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