

LIEUTENANT BYRD TO SPEAK TODAY ON ARCTIC FLYING

Noted Explorer, Commander
Of Airplanes on McMillan
Trip, Gives Talk

SHOW MOTION PICTURES

Expedition Encountered Difficult
Conditions—Established
Base at Etah

Flying conditions in the Arctic and adventures and difficulties encountered on the Naval-Macmillan Arctic expedition of last Summer will be discussed by Lieutenant Commander Richard Byrd, commander of the three Loening amphibian planes used by the expedition, in his lecture in room 10-250 this afternoon at four o'clock.

Motion pictures taken from the air of Baffin land, the far northern country where no white man has ever before been, will be shown; also, pictures of ice fields through which the ships had to edge, and of the far north equino.

The Macmillan expedition sailed from this country last May and, after battling the most difficult ice conditions, arrived at Etah, North Greenland, on August 1. Here the party established a flying base from which the explorers flew over the surrounding country whenever the weather permitted. They remained at Etah for twenty one days and, after fighting their way back through the ice, returned home. The expedition was away about three months.

According to Lieutenant Byrd the flying conditions encountered here were far worse than had ever been reported. The greatest difficulty met with was the extremely rough and jagged nature of the ice which covers all this country. Landing is almost impossible except in small bodies of water which do not occur closer than about every hundred miles. Engine trouble here is an extreme danger.

The men worked very diligently during their twenty one days in the Arctic, and obtained scarcely more than a couple of hours sleep a day, according to Commander Byrd. The expedition covered about 6000 miles by the usual means and about 30,000 miles by airplane. More country was seen from the airplanes in this short period than could be seen in a year by a man on foot, said Commander Byrd.

Mass Meeting For Basketball Not Too Peppy

Technology spirit burst out in a small flame last Saturday morning when about 130 men assembled at the basketball mass meeting held in the Great Court at 10:55 o'clock.

In spite of the small turnout a great deal of spirit was in evidence and the meeting was well punctuated by numerous yells and cheers. F. E. Walsh, Jr., '26, President of the Calumet Club, presided over the group and introduced the speakers. Short talks urging the men to support their teams were given by Dean H. P. Talbot, '35, Coach H. P. McCarthy, O. B. Denison '11, Alumni Secretary, and Captain W. A. Forrester, Jr., '26.

As a result of the meeting, more rooters were out for Saturday's game than have attended a game in some time. The stands in the hangar gym, while not packed, were comfortably filled. There were quite a few short snappy cheers given to help the teams along, but neither the attendance nor the pep was quite enough to satisfy the team.

NEW 1500 KVA POWER UNIT EXPECTED SOON

According to Major Smith, the power problem at the Institute will soon be solved, as the foundation for the new 1500 KVA power unit is practically finished and the unit itself is expected within a month.

The present power plant has reached the limit of its capacity and the new installation was needed to avert a shortage of power, which was imminent because of the increasing demand throughout the Institute.

Daylight Lantern Slide Projector To Be Shown At Institute Today

A demonstration of a new type of opaque projector will be given by H. G. Bacon '25 tomorrow afternoon at 2 o'clock in room 3-470. The projector is of comparatively recent development and is known as the "Trans-Lux Air-Cooled Opaque Projector."

The most radical departure from the ordinary machine is the use of a "prismatic" screen, which enables the projections to be made in daylight. The screen, manufactured by molding a grooved coating of transparent substance on a silk sheet, is placed between the projector and audience, while other makes use the reflection principle; that is, the light is thrown on a white screen and reflected back to the observer.

One thousand watts of electricity furnishes the light which is thrown through the screen. The size of the object shown may be varied by altering the position of the screen in respect to the projector and by changing the focus. Even when shown greatly magnified the object appears fairly clear. Colors may be projected upon the screen.

Another feature of this projector

is the air cooling device employed. A small A. C. motor runs a blower which circulates cool air inside the apparatus. This prevents the intensive light from the lamps from heating the material projected. Ordinary projectors will allow the pictures or slides to be shown for only a short period of time. An attachment permits the machine to be used as an ordinary projector for slides.

The projector is designed for use in class-rooms, hospitals and training schools in general. Different sized screens are made to accommodate the size of the audience.

A library of pictures has been established by the company which manufactures the projector. It consists of two million pictures: illustrations, half-tones, diagrams, sketches, art reproductions, and so forth. These pictures represent all branches of learning.

Demonstrations of the projector are given by Bacon in the interest of the Trans-Lux Daylight Picture Screen Corporation. Tomorrow's demonstration has been arranged for the benefit of the Faculty and the student body.

NAVAL AIR COURSE TO BE GIVEN HERE

Theory and Practice of Flying
Subjects of Lectures
In New Course

Today and tomorrow Lieutenant R. D. Thomas, commanding officer of the U. S. Naval Reserve Air Station at Squantum will be at the Institute to meet prospective applicants for the Student Naval Reserve Aviation course that is to be given here. He will be in room 3-312 both days from 11 to 3 o'clock.

The course will consist of a series of lectures beginning the seventh of January and ending the eleventh of May. The lecture subjects include The Theory of Flight, Aviation Instruction, Scouting, Aircraft Instruments, Aerology and the lectures on Practical Flying. After the completion of the lectures and examinations, selection of candidates for flight training will be made.

Two evenings a week are to be devoted to the course and it will be given without cost to those students selected. Preliminary requirements include a physical examination; and the student must be either a college graduate or a college student.

Successful candidates for the flight training will be placed on a pay basis and training will be given both at Squantum and at the Naval Air Station, Hampton Roads, Virginia, during two successive summers. The course leads to a commission as an Ensign in the Naval Reserve with designation as a Naval Reserve Aviator.

Professor E. P. Warner '17 will be one of the lecturers and Lt. Thomas, who is meeting applicants today and tomorrow, will also be an instructor.

STAFF ELECTIONS TO T. E. N. ANNOUNCED

Appoint New Assistant Managing Editor and Editor

Elections to the staff were announced, as well as several promotions at the banquet held last week by the Tech Engineering News.

M. W. Jennison '27 was promoted to Assistant Managing Editor to occupy the chair left vacant by the graduation of D. J. Mastrangelo '25. F. T. Kurt '27, who is specializing in aeronautics for T. E. N. has been promoted to Assistant Editor to take the place of H. E. Wehmiller '25, who was graduated last year. R. E. Crawford '28 was appointed Assistant Circulation Manager, and R. A. Nädler '27, Assistant Publicity Manager.

The men elected to the editorial staff were: Hugh Hamilton Jr., '29, A. K. Stricker '29, K. R. Erdmann '28, J. J. Mazzoni '29, N. H. Ball '29, T. H. Speller '29, G. J. Myers, Jr., '29, and H. Mosher '27.

To the Business Staff, J. P. F. Pilkinton '27, E. P. Weatherly, Jr., '29, H. G. Pratt '28, P. V. Keyser '29, W. Baumracker, Jr., '29, W. H. Phillips '28, and A. H. Pearsall '28, were elected.

Another election will be held by T. E. N. in February, when appointments to the Managing Board will be made.

Nine Stations Cooperating In Radio Banquet

Simultaneous Celebration in 75
Cities—Affair Called
"Phantom Dinner"

Broadcasting from New York as the central station, and re-broadcasting from nine other stations, the All-Technology Radio Dinner which is to be held January 19, 1926, will be an outstanding event in the radio world for this season.

About 75 Technology Alumni dinners and smokers are to be held throughout the country on that date. From each of these dinners greetings will be sent to the radio center, the Waldorf-Astoria Hotel, New York, and broadcast from there.

The main hall in Walker has been reserved by O. B. Denison, Alumni Secretary, for that evening and plans are under way for an Undergraduate and Alumni Smoker at which the program will be received and heard through loud speakers.

The program of the "Phantom Dinner," as it is called, will consist of speeches from General J. J. Harbord, president of the Radio Corporation of America, who is to act as Master of Ceremonies; President Coolidge or Ex-President Taft; Vice-President Dawes and Hon. Herbert Hoover. The last three speakers will talk from Washington. Dr. S. W. Stratton, president of the Institute, will speak from Boston.

The Phantom Dinner is to be undertaken in co-operation with the Radio Corporation of America, the General Electric Company, and the Westinghouse Electric and Manufacturing Company. All speakers and all events will be broadcast from the following Stations: WBZA Boston, WBZ Springfield, WGY Schenectady, WJZ New York, WRC Washington, KDKA Pittsburgh, KYW Chicago, KTKX Hastings, Neb., KOA Denver, KGO Oakland.

BOIT PRIZES AWARDED FOR WORK IN ENGLISH

Winners of the Boit prizes for the third term of last year have been announced by the English and History Departments. The essays were read and selected by Professor R. E. Rogers, Professor Winward Prescott, and D. M. Fuller.

Prizes will be awarded to the following men: Albert D'Amato '27, R. L. Cheney '27, G. E. Calef, Unc, and J. B. Blake '28. The subjects of their themes are respectively "A Dialogue—Reflections Upon the Old Age," "A Hard Working Philosophy," "A Report on 'Tono-Bungay,'" "The Photoplay 'Romolo': A Review."

"To stimulate the interest in the best use of the English language" is the purpose of the Boit prizes, as stated in the will of the late Robert A. Boit, the founder. He left \$5,000 to the Institute, the interest of which is used as awards in annual prizes to the members of the classes in English and History on the basis of required written work done by them.

Institute Gains By Bequest of K. F. Wood '94

Wills \$25,000 to Technology
For "General Uses and
Purposes"

According to an announcement made last Saturday a bequest of \$25,000 has been left to Technology by Kenneth F. Wood '94, Pawtucket, Rhode Island.

Mr. Wood was graduated from the Mechanical Engineering department at Technology in 1894. He took a position at the Sayles Finishing Plants, being treasurer of the company in 1920.

Under the will \$25,000 was bequeathed to the Massachusetts Institute of Technology for "general uses and purposes." The will was filed in the probate court at Providence, R. I., on December 19. Several other public bequests were made, including \$5,000 to the Providence Congregational Society, and a like amount to St. Andrews Industrial School.

A \$10,000 trust fund was created for the benefit of Wood's mother and sister, and bequests of \$15,000 each were made to cousins. The residue of the estate was left in trust for the benefit of the widow and two daughters.

No announcement has been made as yet as to the use to which this bequest will be put by the Institute. It is probable that the \$25,000 will be added to the general Endowment Fund. The Endowment Fund is drawn on for all kinds of incidental expenses—salaries, dormitories and other improvements, research, and similar uses.

IRON PIPE MAKING SHOWN IN MOVIES

Five Reel Picture From Byers
Pipe Company Pictures
Complete Process

Under the auspices of the Mechanical Engineering Society of Technology, five reels of motion pictures were exhibited last Friday by Mr. A. A. Gatheman, New England representative of the A. M. Byers Company of Pittsburgh. The process of manufacturing wrought iron pipe, from ore to finished product, was depicted. Professor H. W. Hayward '96, of the Materials Testing Laboratory, presided.

The storage of ore, charging the furnaces and casting the iron by machine were shown in the first section of the picture. Particular emphasis was given by the speaker to the fact that nothing but iron was put into the furnaces and that no scrap materials was used. After the casting of the "pigs," the action of puddling furnaces on them was illustrated by animated scenes. The process by which certain elements of the slag are mixed to form the rust-resisting iron and the beginning of rolling process was shown.

Practically every detail of the manufacture including the rolling into sheets, forming and welding by different methods and the cutting, weighing, threading, and inspection of the pipe came in order. During the showing of the picture, Mr. Gatheman made frequent comments and gave explanations of numerous details of processing. He stated that the wrought iron was particularly useful in places where immunity to rust and vibration were sought. Noticeable throughout the picture was the amount of labor that goes into the making of this pipe, and the smallness of the charges put into the furnaces, thus in direct comparison with steel, which is largely machine handled material.

DOCTOR STRATTON'S GARAGE COMPLETED

President Stratton's garage, which is being constructed in the rear of the Dormitories, will be ready for occupancy by the end of this week. The painters and carpenters will have finished putting on the final touches today.

The garage has white brick walls resting on a concrete foundation, a concrete roof, three large double doors, and a smaller door facing the dormitories. It is to be heated by steam from the Power House.

MATMEN DEFEATED BY NORTHEASTERN SATURDAY NIGHT

Institute Grapplers Obtain
Two Falls In Initial
Meet of Season

FOUR MATCHES GO LIMIT

Northeastern Matmen Get The
Referee's Decision In
Four Matches

In their first meet of the season the Institute matmen were overcome by the prowess of the Northeastern gladiators by the score of 17 to 10. The Huntington Avenue school captured four referee's decisions and one fall as against two falls for the Engineers.

The meet was closely contested right up to the last match and the final result hinged upon the outcome of the contest in the unlimited class between Carder of Technology and Minor of Northeastern. This match went two overtime periods and Minor was given the referee's decision.

Mowatt of Northeastern gained a referee's decision over Cullen in the 115 pound class after the match had extended to the time limit. This was Cullen's first varsity appearance on the mat and he lost his match by a narrow margin.

Harris Gains Fall
Johnson of Technology gained an easy victory in the 125 pound class by throwing Haynes in 3 minutes 56 seconds. Johnson looked good in this match and he showed his superiority from the start.

The 135 pounds contest resulted in a fall for St. Pierre of Northeastern in 7 minutes 46 seconds. Rabinowitz was pushed continually. In the 145 pound match Harris of Technology obtained a fall over Sanborn, the Northeastern veteran, in 5 minutes 59 seconds. Much of the time in this match was spent in bickering for a hold but Harris finally rushed his man and threw him with a leg hold.

Captain Pattison of Northeastern gained a decision over Franks in the 158 pound class in a fast hard fought contest. Several times the Northeastern grappler hurled Franks to the mat with a thud.

From the standpoint of the mat fans the 175 pound match was the most thrilling of the evening. Ward of Technology lost the referee's decision to Pease after a fast battle by both men to stay on top. Several times Pease picked Ward up bodily and dashed him to the mat head first but he was unable to pin him fast. Ward showed uncanny ability when he came out of a hammer lock which looked for a time like his undoing.

The last match in the unlimited class was the closest of the evening and went two overtime periods before a decision was awarded to Minor of Northeastern. Both grapplers started out with a fierce determination and it looked at the start like a boxing

(Continued on Page 3)

PROM COMMITTEE CONSIDERS FAVORS

Since the election three weeks ago the Junior Prom Committee has had four meetings; and in that time they have secured reservations for the Copley-Plaza and interviewed representatives from over 15 favor companies. Members of the Committee have also visited several other hotels and clubs in Boston in order to determine whether there was any more suitable place for the Prom than the Copley, but in view of the number of people which must be accommodated it seems to be the best if not the only place that the party can be held. No definite choice for the favors has yet been made, as the Committee desires to see everything of that nature before it does make its final selections.

CALENDAR

Monday, December 21
11:00-3:00—Naval Aviation interviews.
4:00—Address by Lieutenant Commander Byrd of Arctic Expedition, room 10-250.
5:00—Christian Science Society meeting, room 4-132.
Tuesday, December 22
11:00-3:00—Naval Aviation interviews.
Friday, January 3
8:00—Dorm dance.

A Record of Continuous News Service for 44 Years



Official News Organ of the Undergraduates of Technology

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ARE COLLEGE STUDENTS INTELLIGENT?

THE recent to-do about smoking in women's colleges is a revival of the old question: just how intelligent is a college student? One college in New York State believes sufficiently in the capabilities of the women who attend that it allows them to judge whether or not they shall be permitted to smoke.

The point at issue is not, primarily, whether or not women should smoke. As to that, there is no moral reason why women should not smoke if men do (though there may be an esthetic or a physiological reason).

Very few colleges make the attempt to prescribe for students what they shall eat, what they shall wear, at what time they should go to bed and get up. It is generally recognized that a man or woman old enough to attend college is capable of deciding these things for himself.

It seems to us that the function of a college in regard to these matters should be, as it is at Technology, merely an advisory one. Such matters are strictly personal; and while a student may benefit from advice concerning them, the college should assume that he is sufficiently intelligent to take the advice or disregard it, as seems wise to him.

The second national radio banquet, to be held January 19, serves a useful purpose in emphasizing the tie that binds Technology men together, besides furnishing a remarkable example of the result of work in one of the fields covered by Institute courses.

INTERFRATERNITY CONFERENCE

AT THE interfraternity conference held in New York City a few weeks ago, college fraternities came in for their share of commendation. The newly elected president, Henry R. Johnson, called the fraternity "an established factor in the American college."

This is all very fine; however, some of the ideas expressed must sound rather strange to the majority of our student body. Most of the freshmen who have been rushed have not been treated to a discussion of college fraternities in this light.

But even if the thoughtful active member may think that actual life in the college fraternity is a far cry from the ideals embodied in tradition and ritual, the general expression of alumni opinion makes the situation appear much brighter.

THE TECH BOOK LIST

ADVENTURE

THE GOAT WITHOUT HORNS, by Beal Davis. New York: Brentano. \$2.00.

Here is a lively adventure story of the mysterious Haiti bush. Its author, Mr. Davis, is a retired member of the American diplomatic service, having served, among other stations, at Port-au-Prince.

The book is poorly written, the action is wildly improbable, and the characters are ludicrous mixtures of the "great open spaces" and the "Graustarkian" courts.

For those who do not want literature but want adventure with a spine chilling thrill—here is a book.

Theodore Dreiser's new novel, "An American Tragedy," was originally announced for spring publication.

In "Gentlemen Prefer Blondes," an illuminating diary of a professional lady, by Anita Loos, the author has portrayed that type in all its glory.

Marie Conway Oemler, author of "Slippy McGee," is to have a new book of fiction out early in the new year. It is to be called "Shepherds" and is said to present the story of a small-town Southern family.

Intercollegiates

Hebrew Union College students will no longer have to take final examinations according to the latest ruling of the faculty.

Oxford University has only 168 American students this year, as compared with 203 last year and 266 in 1922.

Trinity's undergraduate body has adopted a resolution calling upon the faculty to revoke the suspension imposed on Malcolm Stephenson.

Play Directory

CASTLE SQUARE: "Abie's Irish Rose."—Still with us. COLONIAL: "Lady Be Good."—She's even better now.

SHIP MODELS OF ALL PERIODS ARE ON EXHIBITION IN INSTITUTE NAVAL MUSEUM

The general public, as well as men of science and letters whose profession or hobby is concerned with ships, ancient or modern, can find much of interest in the Nautical Museum of the Department of Naval Architecture.

When Charles Herbert Pratt bequeathed to the Institute a valuable estate on condition that it be used to build a special school of Naval Architecture and Marine Engineering, a provision was also made in the will that a part of the fund might be used to start a naval museum.

The Clark Collection Added: For the first year or two this provided ample room, but on the death of Captain Arthur C. Clark the extensive and valuable collection of marine prints and models which he had made during his travels was bequeathed to the Institute.

INSTRUMENT TO TEST THEORY OF EINSTEIN

Balance Perfected by Columbia Physics Department

A very sensitive measuring instrument has recently been perfected by a member of the physics department of Columbia University.

When the moon is overhead it counteracts the attraction of gravity very slightly and lightens the weight of any object. Until this instrument had been perfected there was no method of determining the effect of these disturbances.

The purpose of the experiment is to determine whether gravity acts instantaneously or with the speed of light. The Einstein hypothesis requires that gravitational impulses travel at the speed of light.

Two gold-surfaced mirrors, each a half inch square, compose the scale of the balance. These mirrors are held together with a fine quartz thread and a weight—1.29,000th of an ounce—is attached to the under side of one of the mirrors.

The shifting of the moon alters the pull of gravity on this minute weight and has no effect on the quartz fiber. Hence the balance will be affected by the passage of the moon over the zenith.

When the weight of the suspended particle is affected the mirrors shift and a fringe of light waves is produced on a screen.

In a European university a suit has been brought against a college barber by students who lost considerable money through him.

HERRICK ALWAYS THE BEST SEATS Copley Square, Back Bay, Phone 2328, 2329, 2330, 2331

recent sailing ships. The prints constitute a romantic history of sailing ships from the earliest days of navigation to the present time.

Since the opening of the museum the Bryant collection of antique books on naval subjects has been housed in the museum and from time to time various interesting additions have been made by gift.

Models Obtained From Navy Department

The interest of the Navy Department has been enlisted and this department has lent a number of valuable and interesting models. There is a model of the Oregon which is of interest because it was the first battleship to make the cruise around Cape Horn.

The Collection a Source of Inspiration

The large and constantly increasing collection in the Naval Museum furnishes inspiration and valuable information to many people of literary and scientific tastes.

JOB PRINTING

This department is our fastest growing one. We have been rushing since last March. Why? QUALITY COUNTS. ANCHOR LINOTYPE PRINTING CO.

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The Fraternities Club

A Club for College Men 397 Commonwealth Ave. Boston Daily Luncheons and Dinners Served in the Grill Grill open evenings—7. p.m. to 2 a. m.

MEN WHO WILL BE IN BOSTON THIS XMAS—

DON'T MISS The Best Party During Vacation AT WHITNEY HALL Brookline CHRISTMAS EVE. 9 to 2 o'clock Perley Breed and 12 Piece Orchestra Subscription, Couple \$4; Stag \$3—George S. Fuller

BASKETBALL TEAM DROPS TWO GAMES

CREW CANDIDATES MUST REPORT NOW

Haines Will Not Have Time to Teach Fundamentals in Spring

Coach Bill Haines of the Technology crews stated last night that owing to the congested conditions at the boat house, he would be unable to teach the fundamentals of rowing to new men after the crews get on the river in the spring.

All new men who have any intentions of going out for crew must report before the boats take to the Charles, if they expect to get any individual instruction. After the crews get on the river Coach Haines' time is so taken up with his formed eights that he will have no time for novice instruction.

If the new men come out immediately after the Christmas vacation, they will be able to receive personal instruction from the coach, whereas if they wait until the opening of the Charles in the spring they will have to content themselves with what instruction they can get.

It is too early in the season to forecast with any degree of accuracy the calibre of the crews which will wear the cardinal and gray next spring but one thing is assured, Bill Haines will get the best crew possible out of the material. Since the advent of Haines at Technology, the water sport has taken a decided boost here.

A competition between varsity spelling teams is the latest intercollegiate sport. At the University of Oklahoma a spelling team is holding regular tryouts and practice. The only requirement to become a candidate for this team is that "cat" can be spelled correctly two out of three times. A jazz orchestra will play before and after the meet and during intermissions.

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More for Your Money

Tufts and Brown Defeat Engineers In Hard Games

TUFTS OVERCOMES EARLY INSTITUTE LEAD ON FRIDAY

Jumbo Quintet Takes Lead at End of First Half and Is Never Headed

TECH WEAK ON FOULS

Outscored by a close margin in both encounters, the Varsity quintet went down to defeat twice at the hands of the Tufts and Brown court aggregation. Inability to overcome the lead in both games set by the fast pace of the opponents was responsible for both Engineer losses.

Friday evening Technology had the upper hand in the first part of the game mainly through the playing of Captain Forrester who broke through the Jumbo defense at will to give his team an eight point lead. Soon after the Medfordites took the offensive and overcame the lead, and from then on they were never headed. In the game last Saturday in the Hangar gym exactly the same thing resulted as did the night previous. The fine brand of passwork and baskets by Hinck put the Engineers in the lead. However the Bruins displayed remarkable speed on the floor, which, coupled with the accurate shooting of the Brown forwards put the visitors in the lead at the end of the first half. From then on they were never headed.

Tufts Lead in Second Half

In the Tufts game, the guarding was so close that it was fully eight minutes before the first basket was made. Tufts broke the ice when Nussbaum scored on a follow up shot. The Engineers evened the count when Forrester dropped one in on a nice pass from Hinck. The Cardinal and Gray forged way ahead when Forrester dribbled through the entire Tufts defense to score three baskets in a row. Hinck dropped in two from the foul line to put Technology on top of an 11-3 score. Tufts now changed their method of play and by fast brilliant teamwork tied the score when Abrahams dropped one in from quarter court to give the Jumbos the lead. The Engineers went back into the lead when Robison fouled, Estes making good on the free try. Tufts went back into the lead when Stanley scored on a long pass as the half closed.

At the beginning of the second half Tufts took the offense and never lost the lead throughout the remainder of the affair. However, the Engineers were right on their heels and would probably overtake the Brown and Blue, if they had a little better luck in tossing in foul shots. All told, the Cardinal and Gray were able to garner only 6 free throws out of 21 attempts.

In the closing minutes of play the Tufts adherents were in a state of bedlam when the Engineers opened fire in all directions. Forrester scored a difficult shot from quarter court, the inflated spheroid dropping through the net work without a murmur. Estes followed with three baskets as the result of good passwork. It was only a difficult shot from quarter court, would win, but unfortunately for the Engineers the final whistle blew in the midst of their scoring rally.

The summary:

TUFTS M. I. T.
French, lf;, rg, Hinck
Robison (Abrams) rf, lg, Meyer (Mack)
Nichols (Stanley), c, Biehle (Meyer)
Dowson (Nichols), lg
Nussbaum (Abrams), rg
Score—Tufts 26, M. I. T. 22. Goals from floor—Robison, French, Stanley 2, Nussbaum 2, Abrams, Dowson, Estes 3; Forrester 5. Goals on free tries—French, Stanley, Nussbaum, Abrams 3, Dowson 2, Estes 2, Forrester, Hinck 3. Referee—George Hoyt. Timer—Manley. Attendance—600. Time—20 min. halves.

INSTITUTE MATMEN LOSE INITIAL MEET

(Continued from page 1)

match. The fast start told on the gladiators in the final period when both men were puffing hard and were unable to do much with each other.

The summary:

115-pound—Mowatt, N. E., defeated Cullen, Tech, by a decision. 125-pound—Johnson, Tech, defeated Haynes, N. E., by a fall, time 3 min. 56 sec. 135-pound—St. Pierre, N. E., defeated Rabinovitz, Tech, by a fall, time 7 min. 46 sec. 145-pound—Harris, Tech, defeated Sanborn, N. E., by a fall, time 5 min. 59 sec. 158-pound—Capt. Pattison, N. E., defeated Franks, Tech, by a decision. 175-pound—Pease, N. E., defeated Ward, Tech, by a decision. Unlimited, Miner, N. E., defeated Carder, Tech, by a decision.

BRUINS WIN FROM ENGINEERS BY TWO POINTS SATURDAY

Cardinal and Gray Spurts in Final Five Minutes but Fails to Win

ESTES HIGH POINT MAN

For the second time in two games the good ship basketball, sailing under the leadership of Coach McCarthy, lowered its colors on Saturday evening and bowed in defeat, this time to the Brown hoop outfit, by the bare margin of 2 points, the final figures reading 22-20.

It was a heartbreaking game for either team to lose and had there been a minute, yes even a half minute might have sufficed, there would in all probability have been a different story to tell. But Brown won and to the victors belong the spoils. They ran up a lead early in the second half and stalled around for the remainder of the game until the final five minutes, when scored by the Tech spurt they shifted to the offensive again.

Hinck and Estes Star

Good, the diminutive little Brown forward, was the outstanding player on the visiting team. He was here, there, and everywhere, running rings around his team mates. Although some of his playing tactics were a bit questionable, he was a very fast man on the floor.

For the Engineer team, Ernie Hinck, was the best man on the defense. The Montclair tennis wizard broke up play after play and not only accomplished good work on the defensive but counted his share of points. Norm Estes with 9 points to his credit was high point man for the Tech team.

Brown Scores First

Both teams were shooting hard luck throughout the entire game, many shots which ordinarily would have gone through the net, striking the rim and bouncing back to the floor.

At the start of the game, Danzell, the Brown center, got the jump on Jud Biehle, and the first Brown play went through to completion with the exception that the ball failed to drop through the hoop. Good sunk one from the foul line about a minute after the opening whistle, for the first score of the game.

Brown Leads in Second Half

During the first half neither team could break through the other's defense, relying on long shots to keep up their total. First one team would get a basket and hop into the lead only to be relegated to the rear a minute later by a basket by the other team. At the end of the first half the score stood 10-8, with the Providence men on the long end of the total.

With the start of the second half the Brown team opened up their offensive power and left Capt. Forrester's men in the lurch. After they had run up a lead of 7 points the Brunonians began passing the ball around under their own basket, hoping to keep possession of the ball and thus prevent the Tech team from scoring.

They succeeded in this for a while, but little by little the Engineers rallied, until the score stood 20-18 in favor of Brown, when the Bruins again shifted from the defense and started their offensive play. The best each team could do was one basket before the whistle blew, ending the game.

BROWN

M. I. T.
Rohlf's (Hargroves) lf;, rg, Forrester
Hunt, rf
Danzell, c
Hayes, lg
Score—Brown 22, M. I. T. 20. Goals from floor—Hunt 3, Hayes 3, Rohlf's 2, Danzell, Good, Estes 3, Hinck 2, Forrester, Biehle. Goals on free tries—Good, Danzell, Estes 3, Biehle, Hinck, Meyer. Referee—Kelleher—Wilson. Time: 20 min. periods.

Sports Desk

Coach Bill Stewart's change of lineup worked wonders with the Technology hockey team on last Wednesday evening against the Harvard puck-chasers. Bill Berkeley was the life of the forward line and kept the Crimston goalie constantly on the watch. Brooks also played a nice game when he started as one of the regular defense. He is coming along in good shape and should soon be able to

TRACKMEN REPORT IN LARGE NUMBERS FOR FOURTH MEET

Wiebe Again Takes Two Firsts in Broadjump and in Short Dash

FRESHMEN SHOW UP WELL

Under auspicious weather conditions, the fourth handicap track meet was successfully run off Saturday. Seventy-seven men competed in the track and field events, breaking the record for number of entrants this year. Jock Wiebe repeated his performance of the third handicap meet by winning the dash and the broad jump.

In an exciting mile run W. E. Robinson won from a fast field in 4 minutes, 43 1-5 seconds. Robinson, who had a twenty yard handicap early forged to the lead. Kirwin, running from scratch, picked up on the leaders gradually and on the last lap was in third place. He passed Crendon after a hard struggle and then set out after the leader. Robby had too much speed left, however, and finished a winner by ten yards.

Hurdle Race Close

For close finishes the 45 yard hurdles was the most interesting. All starting on scratch, the three entrants crossed the finish line within a foot of each other. Fleming came in first, with Collins and Hall tied for second.

Al Kauzman ran a nicely judged race to win the 390-yard event. Jack Hallahan finished second in this race. So many men ran in the five lap run that it was hard to tell who was going to win. D. P. McIntyre finally took the lead and set such a fast pace that he left the others well behind. The freshman cross country runners showed up well in this event when they captured third, fourth, and fifth places. D. Bremmer came through from a field of dark horses to take second place in this event.

In the field events two dark horses came through. R. A. MacArthur with the aid of a six inch handicap was credited with a leap of 5 feet 9 inches in the high jump. This mark is three inches better than the record for the preceding meets this year and indicates that MacArthur is a good prospect. Galeota, who furnished the other surprise, won the shot put. He had not finished better than fourth before and, as his performance indicates, he is improving rapidly. Wiebe did not jump as far as he did last week, but his jumps were consistently close to twenty feet and he should do over twenty-one feet in the next meet.

The summary:

45 yd. dash—First, J. Wiebe (scr); second, K. E. Smith (scr); third, Barbour (4 ft.); fourth, N. Earle (1 ft.); fifth, J. Llanso (1 ft.). Time: 5 sec.
250 yd. dash—First, N. Earle (7 yds.); second, H. Dahl (12 yds.); third R. Y. Barbour (5 yds.); fourth, K. E. Smith (scr); fifth, F. B. Danner (5 yds.). Time: 37 3-5 seconds.
390 yd. dash—First, A. Kauzman (9 yds.); J. P. Hallahan (10 yds.); third, W. Stevenson (10 yds.); fourth, C. E. Tony (9 yds.); fifth, G. Symonds (5 yds.). Time: 46 1-5 seconds.

45 yd. high hurdles—First, A. Fleming; tie for second between J. S. Collins and W. M. Hall.
5 laps—First, D. P. McIntyre (40 yds.); second, D. Bremmer (40 yds.); third J. T. Curran (30 yds.); fourth, C. E. Worthen (30 yds.); fifth, tie between G. W. Burgess (25 yds.) and J. W. Walters (30 yds.). Time: 1 min. 25 2-5 seconds.

1 mile run—First, W. E. Robinson (20 yds.); second, P. Kirwin (scr); third, H. T. Crendon (20 yds.); fourth, E. H. Holmes (70 yds.); fifth, A. P. Nash (80 yds.). Time 4 minutes 43 1-5 seconds.
Broad Jump—First, J. Wiebe (scr); second, P. Keough (1 ft. 2 in.); third, A. Fleming (1 ft. 2 in.); fourth, N. Earle (10 in.). Distance 9 ft. 10 in.
High Jump—First MacArthur (6 in.); second, Malmquist (4 in.); third Pease (3 in.); fourth, Farwell (scr.); fifth, Casselman (4 in.). Height: 5 ft. 9 in.

Shot Put—First, J. Galeota (6 ft.); second, S. Brodsky (scr); third, P. Martini (6 ft.); fourth, G. Stachelhaus (5 ft. 6 in.); fifth, J. Brodsky (3 ft.). Distance: 40 ft. 5 in.


FROSH BASKET BALL TEAM SPLITS GAMES

Lose to Tufts on Friday Night—Defeat Rockland High

After losing a hard fought game to the Tufts yearling court team, the Cardinal and Gray frosh quintet reversed the tables on the Rockland High School's basket tossing aggregation, emerging victorious by the overwhelming score of 29-7.

Playing the Jumbo yearlings even in the first half man to man, the Engineer defense weakened in the closing period and allowed Ellis, the Tufts captain to run wild, scoring no less than 8 baskets of every known variety to bring the Jumbo total up to 37 points against 19 for the Engineers. The Cardinal and Gray first year men displayed a splendid style of passwork that was instrumental in their score but could not seem to keep the pace set by the Medfordites. McClintock held the flashy Ellis scoreless during the first half, but was shifted to center when Captain Brockelman was forced to leave the game by the personal foul route, leaving Ellis run wild. The feature of the Technology play was the splendid passwork shown and the guarding of Allen and McClintock. In the second half, the Engineers had no luck at locating the basket. Time and time again, the ball was brought within the region of the Technology basket only to fall a trifle short or to roll around the rim and fall out. A score or more shots went bad in this way, (Continued on Page 4)

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CHRISTMAS CONCERT DRAWS BIG CROWD

**Dance Until Two O'Clock—
Glee Club and Techtonians
Well Received**

Offering a presentation of specially prepared selections, the Combined Musical Clubs Christmas concert was attended by a large crowd in Whitney Hall last Friday. Dancing continued from the close of the musical program until 2 o'clock.

The audience was particularly impressed by the work of the Glee Club and the Techtonians, judging by the applause received. D. A. Shepard '26 and Raymond Mancha '26 were unable to give their duet as had been expected. In their place appeared F. W. Hall '28, and P. C. Davidson '26, both members of the Banjo Club.

Dancing was furnished for the occasion by the Techtonians. In spite of the fact that the adjoining "Red Room" was used to supplement the main hall, both floors were filled at all times.

Banjo lights in the front row banjos and clever lighting effects aided the presentation by providing an artistic background, in conjunction with the scenery. Each member of the Clubs had a Cardinal and Gray band across his shirt front.

An intermission was provided for at 12 o'clock, and arrangements had been made by the management with nearby eating places to facilitate the obtaining of refreshments by those who attended.

Professor Leon B. Richardson of Dartmouth, in his address before the Association of American Universities, in conference at Yale, said that the American college is now confronting a crisis which is the result of its own success in that the American people are turning toward higher education with an enthusiasm which is embarrassing to our already overcrowded universities.

T. C. A. DELEGATE AT EVANSTON GATHERING

**Conference Called to Discuss
Church Policies**

J. H. Wills, '26 has been appointed to represent the T. C. A. at the Inter-denominational Student Conference to be held at Evanston, Illinois, December 29 to January 1. Wills will also represent the Student Presbyterian Society of Greater Boston.

The purpose of the conference is to give students an insight into the activities of the church today, and an opportunity to see what they can do to improve or increase the functions of the church.

All Protestant churches will be represented by a maximum of 1,200 students who will be at liberty to express their views on any of the questions brought up. The program will consist of mainly of addresses on pertinent subjects of church activity by prominent men, some contrary to the sympathies of the delegates. It is hoped that this will provoke discussion.

Several student commissions who have been working for some time investigating the facts in connection with church work on foreign missions, home missions, social service and the like will present their reports at the meeting. These reports have been prepared independent of church authorities.

G. T. PRINCE '26 DIES AT HOME IN DENVER

**Was Prominent Public Works
Engineer For 50 Years**

G. T. Prince '26, prominent water works engineer died December 17 at his home in Denver. He graduated from Bowdoin College and from there came to Technology and received the degree of civil engineer.

During his life he had been identified with public and private enter-

prises for the most part concerning railroad and water supply systems. He held a position with the City of Boston, in the engineering department, immediately after graduation from the Institute. From 1880 to 1900 Mr. Prince was in charge of a number of construction projects in cities of the East and the West and from 1900 to 1902 he was the chief engineer of the Union Pacific railroad.

For a short time he was the head of the Bureau of Filtration of Philadelphia and then in 1903 he became the head of the water department of the city of Denver, which position he held till 1908 since which time he had been a consulting engineer. During the World War Mr. Prince was in charge of the construction work of some twenty projects of the Emergency Fleet Corporation. Not only was he an engineer of note, but he was also an author, having published several volumes dealing with engineering work.

SPORTS DESK

(Continued on Page 3)

make an excellent teammate for Dede Crandall.

Harvard has the lightest sextet in their history, but their speed makes up in some ways for this handicap. Ned Bigelow had three teams to put on the ice but that did not mean that one was necessarily better than the other. On the contrary it was impossible to tell which of the first two groups were the better. Scott was the star of the starting squad while Chase held a similar position among the next team to play.

Massachusetts Agricultural will have their work cut out for them when they meet the engineers on their home grounds at Amherst in January. The recent improvement of the Cambridge team makes them a favorite but the Scientific Farmers have a dark horse outfit and may spring a surprise.

Izzy Zarakov played for a short while in the Technology game but he is not yet down to proper condition. He and Coady have just gone through a strenuous football season and will not perhaps be at their best until the latter part of January. Captain Cummings of the Crimson has an able substitute in the person of Adams. The latter made three very pretty stops in the second period and carried himself with the assurance of a veteran.

Otto Weissner nearly chalked up a tally on the wrong side of the ledger in the third period when he tried to dodge Scott in front of his own cage. As it was, Johnny Deignan had to knock it out of the way to avoid any chance of it rolling through.

FROSH BREAK EVEN IN WEEK-END GAMES

(Continued from Page 3)

which might have been possible Technology scores.

Saturday in the Hangar gym the frosh took the measure of the Rockland High School, defeating them by the decisive score of 29-7. Luke Bannon, former Technology athletic coach, was coach of the visitors. The game was a one sided affair from start to finish. The superiority of the frosh play completely smothered the visitor attack. The frosh passwork excelled throughout. In the second half Coach Berny Morgan gave the substitutes a chance to display their wares. Allen and McClintock were the high point men for the winners.

The lineup:

TUFTS FRESHMEN M. I. T. '29
Norton, lf rg, Allan (Dame)
Ellis (Carroll), rf, lg, McClintock (Seron)
Fitzgerald, c
Brockelman (capt), (McClintock)
Martin (Briehaut, Appiani), lg
Appiani (Herman), rg lf, Johnson
Score—Tufts freshmen 37, M. I. T. freshmen 19. Goals from floor—Ellis 8, Norton 4, Fitzgerald 2, Martin, Herman, Conte, Johnson, Allan, McClintock 3. Goals on free tries—Fitzgerald 2, Briehaut 2, Appiani, Johnson 2, Brockelman 2, McClintock 2. Referee—Parker. Time: 20 min. halves.

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Notices and Announcements

OFFICIAL

NAVAL RESERVE FLYING CANDIDATES

Lt. R. D. Thomas will be in room 3-312 from 11 to 3 today and tomorrow to interview all men who are interested in learning to fly in the Naval Reserve Unit.

UNDERGRADUATE

TIME TABLES

Time tables have been secured from forty railroads by the Information Department of the T. C. A. for distribution before vacation.

NUMERALS AWARDS

All men who won numerals on Field Day may have their shingles by calling at the A. A. office, 307 Walker Memorial, any afternoon between 3:00 and 5:00 P. M.

AIR SERVICE EXAMS

All Sophomores who desire to enter the advanced Air Service Course should make an appointment for the required physical examination before the Christmas vacation. Appointments can be arranged in room 10-080.

SWIMMING

There will be a meeting of the swimming squad this afternoon, at which time Coach Dean will speak in regard to the next meet.

FRESHMAN RIFLE

The final cut in the freshman rifle squad has been made leaving Reddig, Tarbox, Lane, Harding, Jorporian, Rousseve, Cox, Reigle, Loomis, Girling, Elson, Marlow, Pley, Kimmel, and Macy. There will be no further practice until after vacation.

VARSITY RIFLE

A Sophomore for assistant manager is needed. This is an opportunity for a man to secure his numerals and letter. All interested report in A. A. office today between 4:30 and 5:15.

LECTURE BY LT. COMMANDER BYRD

Lieutenant Commander Byrd, commander of the three planes of the Macmillan expedition last Summer will speak in room 10-250 at 4 o'clock. The student body is invited.

CHRISTIAN SCIENCE SOCIETY

There will be a meeting of the Christian Science Society in room 4-132 tomorrow at 5.

COMBINED MUSICAL CLUBS

There will be an important meeting of the Combined Clubs Wednesday, Jan. 6, 1926 at 5 in room 10-250.

T. C. A.

The T. C. A. office will remain open during the regular hours 9 to 5 o'clock during the vacation. Representatives of the employment bureau and the room registry will be at the office every day.

When the second act has come to an end—and the curtain is rung down amidst whirling applause—when you mingle outside with the excited throngs in the lobby—have a Camel!



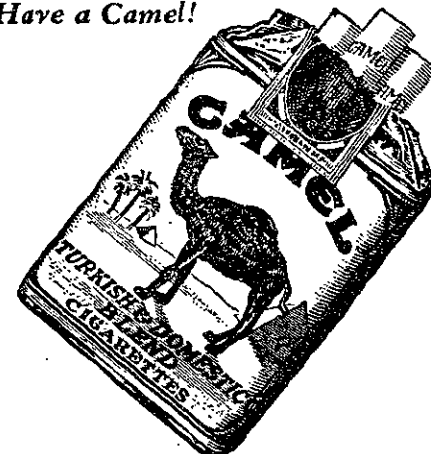
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