

THE TECH

VOL. XXXII. NO. 70

BOSTON, MASS., MONDAY, JANUARY 6, 1913

PRICE TWO CENTS

BISHOP THOMAS WILL SPEAK ON WYOMING

T. C. A. Speaker Will Address Men at 1:30 P. M. in the Union Today.

An unusually large crowd is expected to attend the special T. C. A. meeting today, at 1:30 o'clock, in the Union. The speaker is the Right Reverend Nathaniel Seymour Thomas, D. D., Bishop of the Episcopal Church for the State of Wyoming. His topic will be: "The Last of the Frontier."

In these days of outdoor life, when nearly every red-blooded man is fond of camping, of canoeing, tramping, hunting, or some other strenuous form of exercise in the open air, the young men are few and far between who are not attracted by the story of the experiences of a man who has made good at a strenuous job. Bishop Thomas' everyday life and work are made up, in a large part, of the very things which are the sports of a young man's summer vacation, except, perhaps, the canoeing, for as Wyoming is a country of irrigation and dry-farming, ponds and large streams are not common.

In addition to the above features, Dr. Thomas' work is of especial interest to Technology men, for there is hardly a student at the Institute who is not likely to spend at least a few years, some time after graduation, amid such surroundings as those that will be described by Bishop Thomas. All of these students, from every course, will find the address a source of great interest and instruction, as the speaker will tell of what is being done to make the life of miners and cowboys, Indians, and the men working in the forests, ranchmen and engineers, measure up to the standards of modern ideas of comfort and civilization.

Preaching is but a small part of Bishop Thomas' work. The building and maintenance of hospitals and orphanages, the establishment of clubs where workingmen may enjoy the recreation afforded by reading rooms, billiard rooms, places to bathe and swim, as well as places for entertainments and social evenings, and provision for the sale of refreshments and soft drinks,—in fact, all kinds of welfare work find a place in the program of the "Missionary Bishop."

Bishop Thomas has promised to tell something of the resources and opportunities of his great undeveloped State, and to speak, so far as time allows, of his varied experiences, many of them novel and exciting, on "The Last of the Frontier."

MEETINGS OF THE TECH.

Managing and News Boards to Meet Today for Important Work.

At 1 o'clock today the Managing Board of THE TECH will meet in the upper office and pass on some important business concerning the issuing of the paper the week before examinations.

At 5 o'clock the News Board will meet in the lower office and discuss general problems connected with the publishing of the paper, and also talk over the work of the candidates who are out for the paper.

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MUSIC COMPETITION FOR SHOW DECIDED

Nine Men Composed the Winning Music—Several Lyrics Have Music.

The music competition for Tech Show, 1913, closed Saturday afternoon, having been the most successful one in recent years. Out of thirty-two men who applied for lyrics, twenty-five appeared in the Union dining room for the competition. At 3 P. M. the men assembled and started to play their compositions. The majority of the pieces were very good, and Coach Sanger seemed highly pleased with the results.

The following are the successful competitors: A. M. Isenberg, '12; J. M. Hastings, '13; P. E. Rudolph, '13; W. P. Keith, '14; Leo Solomon, '14; F. L. Surls, '14; P. H. Taylor, '14; C. H. Calder, '15, and I. B. McDaniel, '16.



CHARLES PARKER FISKE, Stage Manager.

Some of the music handed in by these men has already been accepted, while the rest is being held over for completion. Those pieces which are being held must be ready by Wednesday, January 9th, when the men who have already been notified will meet at 4:30 P. M. in the Union with their completed music.

Some of the lyrics, for which no good music was received, have been sent to Orville B. Dennison, '10. He has been connected with the Show in the past, and the lyrics for the opening choruses and finales have been sent to him in the hope that he might write the music for them.

While waiting for the music to be completed Tech Show Orchestra has not been idle by any means. Already several concerts have been held, and more are to be held. Among those in the near future is the one at Lowell, Mass., on Saturday evening, January 11th. It is expected that this concert will be very successful, not only from the standpoint of good music, but from the financial side as well.

CORRECTION.

Through an error in Saturday's TECH, the nominations for the Electrical Engineering Society were said to be due on January 4. This should read: Nominations are due January 11.

HANDICAP ATHLETIC MEET INTERESTING

Huff Wins Two Events—Twenty and Ten Lap Races Very Exciting.

On Saturday afternoon, in the Gym, was held a very successful and interesting athletic meet. The entries were fewer than in the previous meet, but as the majority of the best men were entered the standard of the events was as high as before. Coach Kanaly again followed the policy of giving very large handicaps, and the scratch men who won were compelled to exert themselves to the limit. The times made were very good, and show the results of the work which the men have been doing since vacation.

The crowded condition of the track in the long runs was the cause of several unfortunate, although entirely accidental, occurrences. In endeavoring to pass a man some of the contestants were forced out of the limits of the course and the result of the race seriously affected. This was especially true in the ten-lap race, after which Coach Kanaly announced that anyone cutting in at the corners would be disqualified.

The first event on the program was the 30-yard dash, which was run in heats, semi-final heats and finals. All were closely contested, but in the second heat the four men came in so close together that it was almost impossible to pick the winners. In the final heat Wilkins was the second man to breast the tape, being a few inches behind a Freshman, Adams.

In the twenty-lap race a Freshman, Graff, obtained a lead of about 40 yards on the next man, but weakened in the last five laps and only finished third. Benson, who was on scratch, took a steady pace at the start, and maintained it, with occasional sprints, until the last two laps. At that time he and Lee were in the lead, Lee being about 15 yards behind. With a great sprint, Lee began to close up the gap, and the last lap was a very pretty race between he and Benson, the Freshman being a stride ahead. Lee seemed to be the stronger of the two, and would probably have passed Benson and won if the track had been wider and less crowded. However, he was unable to get by, and Benson won by a scant foot.

There were only two entrants in the hurdle race, and Huff was easily the winner. Huff also showed speed in the five-lap race, and was again the winner. Comiskey and E. Smith had a close fight for second place, the latter getting it.

The ten-lap race was very close between Bolton and Dean, although the latter seemed to be a sure winner. (Continued on Page 3.)

M. I. T. CATHOLIC CLUB.

Rev. P. E. Cusick to Speak on Evolution—6 P. M. in Union.

The M. I. T. Catholic Club is to hold an especially interesting meeting on Wednesday, January 8, at 6 o'clock, in the Union. An exquisite dinner is to be provided, after which the Rev. Peter E. Cusick will address the members present. The subject, "Evolution," though not a new topic, is one that is always of vital interest to every thinking man. It is hoped that there will be a large attendance.

JUNIORS DEFEATED BY STATE COLLEGE TEAM

Basketball Team Loses to Fast New Hampshire State Team. Score 55—23.

The Junior basketball team journeyed to Durham, N. H., Saturday evening, and there met defeat at the hands of the fast New Hampshire State College team. The final score was 55 to 23.

The Juniors did not show much speed and were completely outclassed at all stages of the game. Jones and Bissell starred for New Hampshire, while Williams put up a fine game for the Juniors. The New Hampshire team were right in the game from the beginning, and quickly piled up a large score. After this they were never in danger, although the 1914 men put up a good fight. The score at the end of the first period was: New Hampshire State 32, Tech Juniors 14.

During the second period the New Hampshire team was made up largely of substitutes, and consequently the game was much slower. Nevertheless, the Juniors were unable to do any better, and the final score was: New Hampshire State 55, Tech Juniors 23.

The lineup: New Hampshire. Tech Juniors. Pissell, Watson, r. f. l. b. Price, Bryant Jones, Lindquist, l. f. . . . r. b. Williams Sanborn, Sellers, c. . . . c. Fox, Ruoff Came, S. Sanborn, r. b. . . . l. f. Tirrell-Thompson, l. b. r. f. Combes
Summary—Goals from floor: Jones 9, Bissell 8, Williams 6, Sanborn 5, Thompson 2, Lindquist 2, Price 2, Tirrell 1.
Goals from fouls—Sanborn 3, Tirrell 1

Time—20-minute periods.
Referee—Kilourhy.
Scorer—Twomey.
Time—Corriveau.

Tonight, at 8.15, the team will meet the West End Athletic Club at the Ward room in Blossom street. The latter is a strong team, having defeated the Sophomores and also some of the strongest amateur teams in the city.

E. E. SOCIETY.

The officers of the Electrical Engineering Society have notified all members that those who wish to have their names appear in Technique must pay their dues before January 6th, at 12 noon. Payments may be left at the Cage for Mr. Ready, treasurer of the society.

The only gratifying thing in mid-year's is the vacation attached to the end of it.

CALENDAR.

Monday, January 6, 1913.

1.00—Meeting of Managing Board of THE TECH.
1.15—Senior Class Officers' Pictures—Notman's.
1.30—T. C. A. Meeting—Union.
5.00—Meeting of the News Board of THE TECH—Lower Office.
5.00—Banjo Club Rehearsal—Union.
8.15—1914 Basketball—West End Athletic Club.

Tuesday, January 7, 1913.

5.00—Tech Show Orchestra Rehearsal—Union.
5.00—Lowell Institute Lecture—Huntington Hall.

THE TECH

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MONDAY, JANUARY 6, 1913

Another of the editorials presented in the Pi Delta Epsilon contest follows. We feel that much latent talent is coming to the surface in this contest and are more than glad to cooperate with the Contest Committee in placing the results before the men. The editorials, for the most part, have shown much care and forethought.

THE T. C. A. DISCUSSION CLASSES.

In the columns of yesterday's TECH were given estimates which show that, allowing for the difference in size between the two schools, nine times as many men are enrolled in the discussion classes at the Worcester Polytechnic Institute as are enrolled in similar classes here. This record is hardly one of which we may be proud, and something ought to be done to improve it.

We feel that some explanation of this condition is to be found in the fact that many of the fellows do not understand the benefit which may be derived from these classes. Their greatest value lies in the fact that they introduce one, as they purport to do, to the "Problems of a Thinking Man." If it has not already come, the time is coming to each of us when he must give a definite answer to the great questions which have been troubling the hearts of men for thousands of year, and he must answer them, not with the bigotry and dogmatism of former ages, but with the breadth and in the light of intelligence and moral sincerity.

The T. C. A. discussion classes give us an opportunity to talk over with one another, quietly and earnestly and in our own way, the deeper things which make life worth living. They take us away for a few moments from the rush and bustle of Tech life, and refresh our minds with glimpses of things broad and great. We are indeed not merely men of slide rules, beakers and T squares, and that man is doing less than his best who fails to develop his spiritual and aesthetic nature.

The dining room has followed the Cag in securing a cash register and thus making things appear more business-like.

An exceedingly large number of European History Cards are seen all over the Institute.

Watch out for the exam schedule in an early issue of THE TECH.

SENIORS' PLANT TEST COMMENCES TODAY

Electrical and Power Plants Will Be Tested—To Last Until Saturday.

From 8 A. M. this morning till 8 A. M. Saturday, the Senior members of the Mechanical, Electrical, Naval, Architectural and Marine Engineering courses will conduct the annual test on the power and electrical plant of the Institute. During all this time the men will work in eight-hour shifts: from 8 A. M. until 4 P. M.; 4 P. M. until midnight, and from midnight until 8 A. M.

Each man will have his own particular station, and will perform the duties of this post and none others. Readings will be taken by which will be calculated the efficiency of the plant, as well as the consumption of fuel and the energy lost in the several divisions of the test.

Some of the stations will be for the weighing of coal and ash, taking of feed water and of inside air, taking the boiler and vacuum pressures, taking samples of the chimney and flue gas and analyzing these gases. Indicator cards will be frequently taken on the different engine tests, the condenser water weighed, and the loss calculated. The customary ammeter, voltmeter and counter readings will be the only ones taken in the electrical tests.

COMMUNICATION.

To the Editor of THE TECH:

On December 7th, 1912, the proposed Constitution of the Undergraduate Body of the Institute was presented to the student body, and on December 9th was printed in full in the columns of THE TECH. On both these occasions the committee in charge requested the men to carefully consider the proposed articles, and to communicate through THE TECH any and all suggestions pertaining to the same, particularly those objecting to the scheme.

Although numerous favorable comments have been made to members of the committee personally, no communications have as yet been received. It is not to be expected that the Constitution is absolutely perfect, and it does not seem possible that every man is satisfied with it, yet why do we not receive complaints or suggestions of changes? The committee feels that the whole matter is one of extreme importance to every man at the Institute and that all students should give it their most careful consideration. If the whole plan is right it should be adopted unanimously. If the whole plan is wrong it should be unanimously rejected. If the general idea is right, but certain details are wrong, then those details should be brought to light and fully discussed, and then changed, if necessary, before popular vote is taken.

The latter action is what your committee desires and asks for. The only condition that we impose is that all communications be published in THE TECH, so that every man may have opportunity to see all points brought out.

The committee believes in the following statements:

That there is need for such a Constitution.

That the proposed Constitution is the best piece of work that the committee could produce.

That other men must have other ideas and should present them.

That after sufficient consideration and discussion and making such changes as may be advisable, the Constitution should be adopted by the undergraduate body.

Respectfully yours,
Special Committee on Constitution and By-Laws.

H. D. Peck, Chairman.

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ANNUAL LUNCHEON OF ALUMNAE HELD

Women Graduates to Take Active Part in Memorial for Mrs. Richards.

The Massachusetts Institute of Technology Women's Association, composed of alumnae of Technology, held their annual luncheon at the Union Saturday. The dinner was attended by President Maclaurin and Mrs. Maclaurin, Dean Burton, Profs. C. W. Doten and H. L. Seaver, and about 25 members of the association.

In the absence of the president, Miss M. E. Dodd, '92, Miss C. B. Kenney, '86, presided. Profs. Doten and Seaver gave talks about their courses at the Institute.

For the ensuing year Miss Dodd remains president; Miss M. E. Maltby, '91, of Barnard College, and Mrs. Stanley McCormick, '04, are vice-presidents; Miss Elizabeth Babcock remains secretary, and Mrs. C. W. Sawyer is corresponding secretary.

The members of the association are to take an active part in forwarding the \$100,000 "Home Economics Fund," intended as a memorial to Mrs. Ellen H. Richards, and which will be used for furthering the work started by her in "Home Economics," and for research. It is intended to collect the amount by contributions of one dollar each.

WEEKLY MEET.

(Continued from Page 1.)

Bolton forced his way through and overtook him on the last lap, being obliged to cut the corners to do so, and nosed him out at the finish.

Hall and MacKinnon were the only ones to enter the high jump, and neither did very well, although after the event was over, Hall, in practicing, cleared five feet seven inches. MacKinnon seemed much below his usual form.

There were only three entries in the shot-put, and none did very well.

The summary was as follows:
30-yard dash—Won by W. E. Adams, '16, 2 feet; second, H. S. Wilkins, '14, scratch; third, E. Smith, '15, 3 feet; fourth, C. W. Loomis, '16, 5 feet. Time, 3 4-5 seconds.

450-yard dash—Won by T. H. Huff, '14, 12 yards; second, E. Smith, '15, 12 yards; third, D. Comiskey, '15, 14 yards; fourth, T. H. Guething, '14, scratch. Time, 59 3-5 seconds.

1300 yards—Won by H. S. Benson, '16, scratch; second, C. S. Lee, '14, 38 yards; third, M. G. Graff, '16, 75 yards; fourth, C. Lovell, '15, 35 yards. Time, 5 minutes, 7 seconds.

900 yards—Won by J. W. Bolton, '14, 15 yards; second, K. Deane, '16, 20 yards; third, M. E. Hill, '15, scratch; fourth, C. T. Guething, '16, scratch. Time, 2 minutes, 15 seconds.

45-yard hurdles—Won by T. H. Huff, '14, scratch; second, N. L. Foster, '16, 7 feet. Time, 5 4-5 seconds.

Shot-put—Won by W. D. Maier, '16, 1 foot; second, N. Wolk, '16, scratch; third, G. R. Duryea, '16, scratch. Distance, 32 feet, 6 1/2 inches.

High jump—Won by L. S. Hall, '14, 3 1/2 inches; second, J. H. MacKinnon, '14, scratch. Height, 5 feet, 7 1/2 inches.

COLLEGE NOTES.

Forty-two men now in Yale have won their "Y." Of this number, thirteen have won it in crew, eleven in football, eleven in baseball, six in track, and one in golf.

Organized swimming will be started at Harvard for the first time some time this month. Two coaches have been secured, and as every classman, including the Freshman, is eligible, a large number of candidates are expected.

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PRELIMINARY TRIALS FOR 390-YARD TEAM

Coach Kanaly Announces Eight Fastest Men Out of Field of Twelve.

During the handicap meet on Saturday were held the preliminary trials for the 390-yard relay team. Twelve men took the trials, and although Coach Kanaly did not announce the times, all seemed to be running very well, and doubtless the times were good. The majority of the men finished very poor, but this was because of too fast a pace at the start. The men ran alone, as is usual in the trials.

The eight fastest men, arranged in alphabetical order, are: Barry, Bolton, Curtis, T. H. Guething, Munch, Reed, E. Smith and Wilkins. Thomas, Crankshaw, Hine and Burton "also ran." Adams, '16, was unable to run because of having ripped his shoe in the 30-yard dash. He and O'Brien will take their trials Monday afternoon at 4 o'clock. The trials for the two-mile team will be held Wednesday afternoon.

AMUNDSEN TO LECTURE.

Discoverer of South Pole Will Tell of Experiences.

Captain Roald Amundsen, the discoverer of the South Pole, is to give an illustrated lecture telling of his experiences, on Tuesday evening, January 21, at Tremont Temple. Captain Amundsen is an explorer of world-wide repute, and his talk should prove not only highly interesting but very instructive as well. Only a few years ago Captain Amundsen completed his trip to the Pacific Coast of America by way of the Northwest passage. He is the only man who has accomplished this feat. It was during this voyage that he located and confirmed the position of the north magnetic pole.

Those desiring tickets may purchase them at the Union any noon before January 14. M. I. T. students have the privilege of obtaining their reserved seats in advance of the regular sale. The Institute should be well represented as the talk will be a rare opportunity. President Maclaurin will introduce the speaker.

OPEN CLASS MEET.

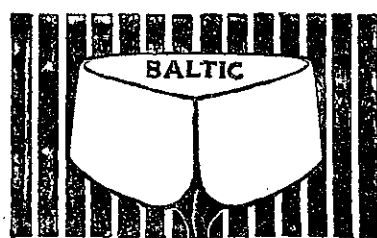
Juniors Seem Likely to Repeat Their Victory of 1912.

As the time for the annual Open Indoor Interclass Athletic Meet approaches there is an increasing amount of speculation as to the relative strength of the different classes. The Juniors, because of having won this meet last year, are the favorites, but are by no means sure of winning. On the basis of the calculations below the Juniors will win the meet.

The 30-yard dash will be close between Wilson and Wilkins, both Juniors, and a Freshman, Adams. The Juniors will probably get both first and second places.

The 40-yard hurdles will go to another Junior, Huff, while T. H. Guething should have no difficulty winning the quarter-mile. Captain Germain should have no difficulty in winning the half-mile for the Seniors, while the mile will be close between Nye, '14, and Benson, '16. MacKinnon and Hall, both Juniors, are picked to win first and third in the high jump, with Teeson, '15, second. MacLeod, '14, will not have much opposition in the shot-put.

J. P. Morgan has presented to Trinity College \$200,000 to be used for the construction of a library and an administration building, to be known as Williams Hall.



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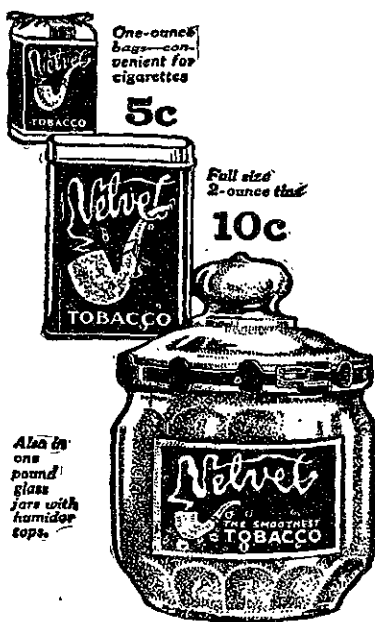
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NOTICE.

1915 Class Officers' Picture at Notman's, 3 Park street, on Thursday, January 9th, at 1.15 P. M.

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HOCKEY SCHEDULE.

Majority of Games Away From Home—Meet Yale Next.

With the hockey season well advanced comes the announcement from Manager Hurlburt of the schedule of the remaining games of the season. The majority of the games are arranged to be played away from home, owing to the difficulty of obtaining dates from the management of the Arena.

The schedule is as follows:
 January 11—Yale at New Haven.
 February 5—Syracuse Arena at Syracuse.
 February 6—Syracuse University at Syracuse.
 February 8—West Point at West Point.
 February 11—Williams at Boston.
 February 14—Mass Agricultural College at Amherst.
 February 15—Date pending.

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