

THE TECH

VOL. XXXI. NO. 161

BOSTON, MASS., SATURDAY, MAY 4, 1912

PRICE TWO CENTS

CLOSE TIMES EXPECTED IN BROWN MEET TODAY

**Tech Has Slight Advantage and
Expects to Lead at
Finish.**

Indications point to one of the closest track meets of the season this afternoon, when Tech meets Brown at the Field. From former performances, the Institute team seems to have a slight advantage, and if L. A. Wilson, '14, is in shape, Tech is certain to win by a few points. Wilson and H. S. Wilkins, '14, will have to go their fastest to beat out Burns of Brown in both the dashes. Burns seems to be the fastest in the 100, but Wilkins may nose him out in the 220-yard.

T. H. Guething, '14, is expected to have the 440 all to himself. The real race will be between C. R. Thomson, '13, C. Mathews, '13, and D. Mahoney and Miles of Brown. W. Bylund, '13, has been doing the 880 close to the record, and is depended upon to beat out L. Hall of Brown. Taber, the star Brown miler, looks fast enough to win his event, but E. Germain, '13, is going the distance in good time, and may lead him at the tape. Waterman of Brown is faster than any of the Tech men in the two-mile, but will have to be in his best form to defeat E. E. Ferry, '12, and A. F. Nye, '14. T. Huff, '14, and A. B. Curtis, '15, are the favorites in the 120 hurdles, with Marble of Brown next. Marble has the best chance to win the low hurdles, with Huff and Curtis in the other places.

Brown will have a big advantage in the weight events, as Tech is weak in that branch this year. Bartlett of Brown is expected to win the shot-put, and is certain to get the longest distance in the discus, but will have to take second place to L. Metcalf, '12, in the hammer. Dalrymple is getting a good height in the high jump, and is depended upon to win this event.

T. Greenleaf, '12, has a chance to win the pole vault from McLaughlin of Brown, and Sheppard and MacLeod are expected to give Miles a contest in the broad jump.

The entries are as follows:
(Continued on Page 3.)

ANNUAL CHEM. DINNER.

**Week From Tuesday Day Set
For Big Entertainment.**

The annual big dinner of the Chemical Society will probably be held on the evening of May 14, at the Copley Square Hotel. The committee in charge of the dinner has not completed a program as yet, but promises a novel entertainment. Contrary to the usual custom of providing "shop-talk" for annual banquets, members of the Chemical Society this year will be able to forget their cares for a few hours while they enjoy the jokes and songs of a few outsiders who know no chemistry. The underclassmen will not hear how a graduate of Tech conducts himself in the outside world, but instead will hear the usually grave Seniors laugh, or at least see them smile.

The ballots for the annual elections will be out soon, and the voting will close early enough for the results to be announced at the dinner. To date there have not been as many nominations for treasurer as this year's officers desire. The treasurer is the only officer of the club who represents the Junior class.

T. C. A. ELECTIONS HELD YESTERDAY

**C. W. Brett Again Made President—
Constitution Adopted
For Next Year.**

The Technology Christian Association officers for next year were elected at a meeting of the Association in the Union yesterday at 5 o'clock.

Clarence William Brett was re-elected president. He has served the T. C. A. for the past year and the members' appreciation of his work was shown by the unanimous vote which he received. Brett is also a member of the Glee Club and is treasurer of the Civil Engineering Society.

Roswell F. Barratt, '14, was chosen vice-president. In the capacity of chairman of the Publicity Committee he has done a great deal to bring the Association to the position of prominence which it now enjoys. Barratt is on the managing board of THE TECH, and has taken an active part in other Institute activities. W. R. Mattson was elected treasurer after a close contest, winning from Ralph B. Kennard by two votes. Mattson is treasurer of the Junior class.

Among other business a new constitution was adopted. Yesterday's meeting brings the activities of the Association to a close for the present school year.

SHOOTING MEET.

**Tech Team Will Compete For
Championship at Waltham.**

A week from today the Tech rifle team will compete at Waltham for the intercollegiate championship. In former years the Institute has not been represented by any formidable rifle team, but this season several men have run up high scores.

The other colleges that will be entered in the meet this year are Harvard, Massachusetts Agricultural College, Cornell, University of Iowa, Princeton, Yale, Columbia and several smaller colleges. Of these entries only the teams of the University of Iowa and the Massachusetts Agricultural College have records which make them dangerous opponents of the Tech team.

The men who will probably be sent out to compete for Tech in the Waltham match are Williams, Rudolf, Stewart, Haslam, Parsons, and either Casselman or Wardwell. At the shooting event several weeks ago Haslam won the members' medal with a score of 137 out of a possible 150. At the same event the other members of the team ran up the following scores: Williams, 134; Rudolf, 126; Parsons, 130; Stewart, 129, and Casselman, 119. In the coming meet there will be six men to a team, and each man will be given 30 shots.

Coach Williams wants all rifle team candidates to be sure to report for practice today.

LIBRARIAN ENGAGED.

The engagement of Miss Langley, librarian in the Physics Library, 14 Walker, has been announced. She has given up her work there after occupying the position for over three years, and her resignation is greatly regretted by the members of the department. Her successor is Miss Courtney.

TENNIS TEAM MAKES TRIP TO HANOVER

**To Play Dartmouth, Last Year's
Champions, This Afternoon
—Four Players Going.**

On Saturday, at 9 o'clock, the tennis team will start for Hanover, where they will play Dartmouth in the afternoon. Dartmouth last year was the winner of the eight-point cup in the N. E. I. L. T. A., and this year has another strong team. Nelson, who is captain of the team, is one of the best players in the intercollegiate ranks, and last year, with Harris, won the doubles at Longworth.

The Tech players, however, are not discouraged by the strength of the Dartmouth aggregation, and Manager Woodward is confident that, although this will be their first game, they will make a strong showing. The following men will take the trip: C. R. Woodward, '12; H. E. Beckman, '13; G. B. Brigham, Jr., '12; T. C. Fisher, '12.

Yesterday some of the men entered in the Spring tournament woke up to the fact that the time is growing short, and three contests were decided in the singles. P. W. Cowdise, '15, defeated T. C. Fisher, '12; G. W. Blakeley, '14, defeated W. N. Holmes, '13, and L. C. Perkins, '12, defeated A. Harkness, '12. Many more of the singles remain to be played, and unless played off within a week or two they will have to go over until next year.

BYRNE IS PRESIDENT.

**Option Two Architects Choose
Officers For Next Year.**

The election of officers by the Architectural Engineering Society, which was postponed on Tuesday, resulted in the following staff of officers for the ensuing year:

President—T. S. Byrne, 1913, Austin, Tex.

Vice-President—H. E. Crawford, A. B., 1913, Walla Walla, Wash.

Secretary—U. C. Schiess, 1914, Brooklyn.

Treasurer—C. L. Stucklen, B. S., 1913, Dorchester.

Executive Committee:

H. D. Marsh, B. S., 1913, Portland, Ore.

J. J. Harty, B. S., 1913, Greenville, Miss.

L. D. Faunce, 1914, Marlboro, Mass.

Announcement was made at this time also of the last smoker of the year, which will occur on May 10th. At this time the matter under discussion will be the "Strength of Slab Concrete," and will be presented by authorities on the subject.

In 1911 the total production of copper from ores mined in the United States was over a billion pounds. This is the largest in the history of the industry, and exceeds that of the year before by about seventeen million pounds. Arizona leads in the list of copper-producing States; then come Montana, Michigan and Utah in the order named. Alaska, although far behind these States in actual production, made a gain of 400 per cent., which shows how rapidly the northern copper fields are being opened up. It will be interesting to note that 214,000,000 pounds were recovered by the treatment of old copper and brass scrap.

ARCHITECTS DINE THIS EVENING

**Many Prominent Men Will Speak
—Combined Societies Meet
For First Time.**

The annual Architectural banquet which takes place tonight will be quite an innovation from the fact that two societies are combined in giving it instead of the single Architectural Society, which has until this year existed at the Institute.

For this reason the speakers have been chosen among men who are prominent in two different professions, namely, architecture and civil engineering, and it is hoped by the committee which has the matter in charge that the members from both options will thus be able to receive much valuable help from the talks. The following list presents an imposing appearance to the men who expect to be present at the dinner: President Maclaurin, Mr. H. Van Buren Magonigle, architect, of New York; Mr. Lloyd Warren, also of New York; Professor Swain of Harvard, and Professor W. H. Lawrence. Mr. Lloyd is well known in architectural circles, Professor Swain of the civil engineering department in Harvard, President Maclaurin, and Professor Lawrence are well known to all Institute men for their interesting after-dinner speeches and need no introduction. Mr. Magonigle is one of New York's most prominent architects and eminently well fitted to tell most interesting facts from his own experience.

The Westminster Hotel has been selected for the banquet, and the committee states that an excellent menu has been provided. The tickets are \$2.00, and may be secured from any member of the committee.

FRESHMAN BASEBALL.

**Game With Museum Team Off—
1915 Plays Tufts Today.**

The Freshman baseball team will meet Tufts Second this afternoon at Medford. This game, originally scheduled for April 27, was postponed until today, at the request of Tufts. The Freshmen will put up a stronger game as a result of the delay, having developed rapidly the past week.

The game between the Freshmen and the Museum of Fine Arts, scheduled for yesterday afternoon at the Field, was cancelled at the request of the latter team. The yearlings substituted spirited practice for the cancelled game and feel confident of favorable results today. The management desires the following men to report at the Union at 2 o'clock: Hall, Baldery, Bauer, Franks, McDevitt, Scully, Morse, Roy, McCaffery and McIntyre.

THE WEATHER.

FAIR.

Forecast for Boston and vicinity: Fair weather Saturday; moderate northeast winds.

CALENDAR.

In Charge of S. H. Taylor, 1914.

Saturday, May 4.

2.30—Track Meet vs. Brown—Tech Field.

2.30—Tennis vs. Dartmouth—Hanover.

6.30—Architectural and Architectural Engineering Dinner—Westminster Hotel.

THE TECH

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SATURDAY, MAY 4, 1912

IN CHARGE OF ISSUES.

Monday Editor—M. Paris, 1914.
Assistants—E. W. Mann, 1914; S. Berkowitz, 1915.

THE BROWN MEET.

In old Roman days the lions which were to perform the star parts in the gladiatorial shows were carefully deprived of food for a considerable period before the date of their appearance; in this way their appetite was cultivated to an extent calculated to make them assume most eagerly the desired roles. We sincerely hope the analogy will apply to Tech students and this afternoon's track meet with Brown. According to the method described above nothing has been omitted from the preparations; we have been thoroughly starved as far as track meets are concerned. The resemblance between athletic games and gladiatorial contests has often been heatedly maintained. Therefore there is ground for hope that in this case the resemblance may cover the starvation part.

Technology has ever been proud of her representation on the cinder track, and justly so. But it takes more than records to make a track team. The men who represent us today have been working faithfully for many weeks. They have appeared regularly despite discouraging weather conditions; they have sacrificed their leisure and worked hard to gain the time for practice. It is up to the student body to reward their endeavors by generous enthusiasm this afternoon.

The April issue of "The Polytechnic" devotes fifteen pages to explaining new applications of the slide rule to the solution of problems in railroad curves. The man who has just procured a slide rule will find a few of these rules helpful in suggesting what can be accomplished with the instrument.

The borax deposits of the United States are of great extent and there seems to be little danger of their exhaustion. In 1910 we produced, according to the United States Geological Survey, 42,357 tons of crude borax, valued at \$1,201,842, while the value of imports amounted to only \$12,397—approximately one per cent. of the domestic production.

NEW TECHNOLOGY'S MECHANICAL "LABS"

Assistant Professor Inspects Buildings of Many Large Eastern Colleges.

Professor George B. Haven of the Mechanical Engineering Department has recently returned from a trip of inspection of the buildings used as mechanical laboratories at several of the Eastern colleges. He visited Yale, Pennsylvania, Stevens Institute of Technology, Columbia, College of the City of New York, Rensselaer Polytechnic Institute, and the Union University of Schenectady.

The buildings at Penn and at Yale were of especial interest. At Penn there was one structure three hundred feet long which housed the departments of civil, electrical and mechanical engineering, with their laboratories and class rooms. This is perhaps the largest building of its kind that Prof. Haven visited. The building, which was recently erected, cost eight thousand dollars.

At Rensselaer the mechanical and electrical laboratories are contained in the same building. It is 240 feet long and 80 feet wide, and is located on the side of a hill 600 feet above the Hudson. At that school the civil engineering department is included in the mechanical course.

At Yale Professor Haven found a very interesting equipment. The Mason Laboratory of Mechanical Engineering, which was finished within the last year, exhibits some of the most recent ideas of shop construction. There is a testing floor there two hundred and forty feet long, and forty feet wide, quite similar to our electrical engineering laboratory, except that the traveling crane has a clearance of thirty-five feet. This is perhaps the greatest head room provided in any college testing laboratory. This room was also better lighted than the one in Lowell building. At Yale no wooden floors were used in any part of the Mason Laboratory, concrete having replaced the old flooring.

At all the colleges Professor Haven found that the laboratories were of steel frame construction, with a brick front. He has brought many photographs of the more prominent features that impressed him, so that the mechanical laboratories of the New Technology may embody all that other institutions have found best.

COMMUNICATION.

(We invite communications from all men in the Institute on important subjects. We take no responsibility for their sentiments and do not agree to print any that may come in, whether they are signed or

To the Editor of THE TECH:

I feel that I must ask for a correction of what you credit me with having said of Mr. Roosevelt at the M. A. H. S. dinner. While I cannot quote my exact words, I certainly did not say that I had thought he was a "good-for-nothing." Such remark on my part could do Mr. Roosevelt no harm, but would undoubtedly give people a poor opinion of me. I was talking of honesty and stated in substance that I had lacked faith in Mr. Roosevelt and his intentions, and that his action in regard to the delegates had gone far to change my opinion. He has had so many regrettable controversies and I have never been able to believe that all of the people disagreeing with him have been dishonest, but however one may feel about matters of that sort Mr. Roosevelt has been twice President, and is unquestionably one of the ablest men our country has produced. For me to have stated that I had thought him a "good-for-nothing" would have been highly presumptuous and absurd.

Very respectfully,
Edwin T. Cole,
Major, U. S. Army.

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BROWN TRACK MEET.

(Continued from Page 1, Col. 1.)

Technology.

100-yard dash—T. J. Barry, '15; J. W. Bolton, '14; J. Homan, '15; R. C. Thompson, '13; L. A. Wilson, '14; H. S. Wilkins, '14.

220-yard dash—R. C. Thompson, '13; T. H. Guething, '14; L. H. Mathews, '13; L. A. Wilson, '14; H. S. Wilkins, '14.

440-yard run—J. W. Bolton, '14; T. H. Guething, '14; J. Homan, '15; Lawrence, '14; L. H. Mathews, '13; R. C. Thompson, '13.

880-yard run—W. R. Fylund, '13; A. C. Dorrance, '14; F. B. Germain, '13; S. W. Gurney, '15; E. T. Marceau, '13; W. E. Spencer, '15.

One-mile run—C. A. Cary, '12; E. B. Germain, '13; E. M. Newlin, '14; A. F. Peaslee, '14; E. T. Marceau, '12; R. F. Pollard, '15.

Two-mile run—L. Best, '15; E. E. Ferry, '12; C. S. Lee, '14; A. F. Nye, '14; G. C. Shedd, '14.

120-yard high hurdles—A. B. Curtis, '15; L. Foster, '15; C. H. Fox, '14; T. Huff, '14; J. Urquhart, '15.

220-yard high hurdles—A. B. Curtis, '15; E. Enebuske, '15; L. Foster, '15; T. Huff, '14; B. S. Munch, '13; Thomas, '15.

Shot-put—E. F. Conway, '15; H. R. Crowell, '15; H. Hadley, '15; W. B. Kelleher, '15; N. D. MacLeod, '14; L. G. Metcalf, '12.

High jump—E. A. Teeson, '15; P. Dalrymple, '12; L. Hall, '14.

Broad jump—E. Alt, '15; D. Baker, '15; T. Greenleaf, '12; J. Hines, '14; N. D. MacLeod, '14; A. R. Stubbs, '14.

Hammer throw—H. R. Crowell, '15; H. Hadley, '15; N. D. MacLeod, '14; L. G. Metcalf, '12.

Pole vault—R. L. Fletcher, '15; T. Greenleaf, '12; A. L. Nelson, '15; E. M. Loveland, '15; E. T. Marceau, '12; L. H. Mathews, '13.

Brown.

100-yard dash—W. H. Marble, '12; F. E. Miles, '12; R. S. Holding, '14; S. S. Bean, '14; S. K. Mitchell, '15; F. Burns, '15.

220-yard dash—W. H. Marble, '12; F. E. Miles, '12; R. S. Holding, '14; S. S. Bean, '14; S. K. Mitchell, '15; F. Burns, '15.

440-yard run—L. Hall, '15; F. E. Miles, '12; D. L. Mahoney, '13; D. R. Mahoney, '12; P. W. Tucker, '13.

880-yard run—P. W. Tucker, '13; W. R. Waterman, '15; D. L. Mahoney, '13; W. P. Sheffield, Jr., '15; N. S. Taber, '13; L. Hall, '15.

One-mile run—N. S. Taber, '13; W. R. Waterman, '15; A. N. Cook, '14; A. G. Gould, '13; W. L. Dealey, '13.

Two-mile run—N. S. Taber, '13; T. H. Roberts, '13; W. L. Dealey, '13; C. H. Walker, '13; A. N. Cook, '14; W. R. Waterman, '15.

120-yard hurdles—W. H. Marble, '12; C. M. P. Cross, '15; R. H. McLaughlin, '15; L. T. Little, '15.

220-yard hurdles—W. H. Marble, '12; C. M. P. Cross, '15; R. H. McLaughlin, '15; L. T. Little, '15.

Shot-put—A. E. Bartlett, '14; V. C. Gelb, '13; H. M. Jones, '12; C. A. Hahn, '13; O. M. Kratz, '13.

High jump—A. E. Bartlett, '14; C. M. P. Cross, '15; R. H. McLaughlin, '15; L. T. Little, '15.

Broad Jump—F. E. Miles, '12; A. C. Eastburn, '12; D. R. Mahoney, '12; L. T. Little, '15.

Discus throw—W. R. Burwell, '15; A. E. Bartlett, '14; O. M. Kratz, '13; H. M. Jones, '12; V. C. Gelb, '13.

Hammer throw—A. E. Bartlett, '14; C. D. Joslin, '13; O. M. Kratz, '13; V. C. Gelb, '13; W. R. Burwell, '15; D. H. Kulp, '13.

Pole vault—R. H. McLaughlin, '15; R. L. Smith, '14; J. T. Wilson, '13; W. R. Burwell, '15; D. R. Mahoney, '12.

At Yale interest in national politics does not cease with the announcement of the results of a straw ballot. The undergraduates have political clubs with large memberships, and these do not let the college forget what all prospective voters should be thinking of.



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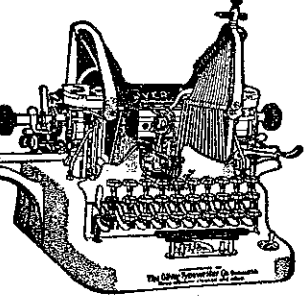
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