

THE TECH

VOL. XXXI. NO. 100

BOSTON, MASS., THURSDAY, FEBRUARY 15, 1912

PRICE TWO CENTS

TECH TEAM PLAYS M. A. C. SEVEN FRIDAY

Aggies Have Fast Players Who Will Give Institute Men Hard Game.

The hockey team is assured of a good, hard game Friday night, when they meet the fast M. A. C. team in the same rink in which they beat Amherst last Saturday. The Aggies have not played a very consistent game, but have shown flashes of very brilliant work. They held Yale to a 3 to 0 score, and played Williams a tie game. Two weeks ago they won from Trinity by a score of 9 to 1.

Comparing the Aggies' work in the Yale game seems to give the Tech team a little advantage over them. M. A. C. was not able to score on Yale, while Tech got two goals, but on the other hand Yale ran up a larger score in the Tech game. The game being played in their rink will be somewhat in their favor. The rink is very short and as wide as it is long, and the players cannot use the sides of the rink at all. The ice is also very rough and not like the smooth surface of the Arena.

Peckham, Sanstuary and Ackerman are the stars of the M. A. C. team. Ackerman is a very clever goal tender and his work has done a lot towards holding down the scores of the opposing teams.

CHAUNCEY HALL CLUB.

W. A. Ready Becomes President—Smoker Suggested.

The monthly meeting of the Chauncey Hall Club was held yesterday afternoon at the Chauncey Hall School on Boylston street, for the purpose of electing officers and discussing plans for future meetings, and proved to be one of the best that has yet been held this year. W. A. Ready, who has been secretary-treasurer for the past year, was chosen president; R. Bermendez retained his position as vice-president, and A. S. True was elected secretary-treasurer.

There was a good attendance and much interest was shown in the welfare of the club. A smoker has been suggested and a committee was appointed to attend to the matter, composed of the following men: Secretary True, chairman; Freeman and Dexter. No date has been selected as yet but the function will probably take place in the near future.

RECORDS OF STREAMS.

During the year 1910 thirty-one measuring stations were maintained on the Arkansas, Yazoo and Red Rivers, which flow into the lower Mississippi. The records of the Arkansas River give information also about the flow of its most important upland tributaries in Colorado, as well as about that of the Canadian River in New Mexico, and the White River in Arkansas and Missouri. The Tallahatchie Drainage Commission assisted in making the records in the basin of the Yazoo River. These records have a very important bearing on the irrigation problems of this region.

BASKETBALL TEAM LOSES TO BROWN

Tech Men Poor in Passing and Shooting—Sophs Defeat Freshmen.

The strong Brown basketball team easily outclassed the Tech team last night in the Gym by the score of 34 to 22. The Institute played a very loose game during the first half, but tightened up in the latter part of the game, when they scored the majority of their points. The game was played under the new rules, with the halves split up into two ten-minute periods. At the end of the first half the score stood: Brown, 26; Tech, 11, and the Institute five doubled their points in the last half, while the Providence team scored but eight in the latter part of the play.

Von der Leith was the star of the contest, having caged nine baskets and two fouls, making eighteen points in all, more than half the total score. He was in the game at all times and his passing was sure and accurate. The Tech guards had their hands full looking after Sullivan, who played a fast, aggressive game at forward. The Brown five gave a good exhibition of fine team play which helped not a little to defeat the Tech team, and their passing was of the first-class at all times.

The Institute team showed up poorly in the first minutes of play and did not cover their men at all. The intermission between the halves seemed to help them, for they strengthened up and held the visitors to eight points and duplicated their score of the first half. Schatz starred for Tech, having made ten of the total number of points. He fought during every minute of the game and followed the ball at all times. Schar showed up brilliantly at times and caged a few difficult baskets. In the last half of the game Williams was taken from the Sophomore team and took Freedman's place. During the short time he played he showed some fast work and drew the applause of
(Continued to Page 3, Col. 2.)

STUDENT CONFERENCE.

Meetings to be Held in the Phillips Brooks House.

Beginning Friday evening a conference of New England student churchmen will meet in Cambridge, to which all professors and students who are members of the Episcopal Church are cordially invited. The Phillips Brooks House will be the conference headquarters, and the committee in charge requests that everyone attending will register there immediately upon arrival.

Friday night there will be a reception in Brooks House, when President Lawrence Lowell will be among the speakers. Saturday a service will be held in Appleton Chapel, followed by a discussion of "What can be done by Churchmen in New England Colleges," which subject will be opened by undergraduates of Harvard, Bowdoin and Dartmouth. Later C. P. Franchot, Yale, '11, will speak on Bible Study.

At 3 o'clock Sunday afternoon there will be a public meeting to consider Church Unity, when Newman Smyth will address the conference.

EXCURSION BY PARTY OF FOURTH-YEAR MEN

Mill Option Students Visit Amoskeag Mills at Manchester.

The fourth-year mill option men under the lead of Professor Haven, visited the Amoskeag Mills at Manchester Wednesday. A party of 29 left the North Station at 7.45, and arrived in Manchester about 9.30. At the station the party was met by representatives from the Amoskeag company, Mr. H. E. Thompson, '06, the master mechanic; Mr. A. F. Fish, '04, superintendent of the dye works, and Mr. H. A. Smith, '11, assistant in the mechanical engineering department.

A special car brought the party to the mill. The men were conducted through their new building, which is one of the best plants of its kind in the country.

After a thorough examination of the several unique features of this mill the party had luncheon at the Deerfield Club. After a fine dinner Professor Haven spoke briefly, thanking the company for their hospitality, and the men gave a Tech cheer with three Amoskeags at the end.

After luncheon the party visited the woolen mills and the power plant. The power system was very interesting. It consisted of 34 turbine water wheels, netting 16,500 horse-power; 219 Manning boilers, equipped with Jones underfed stokers, having 65,700 B. H. P. capacity; 14 reciprocating engines, netting 20,900 horse-power; four Curtis turbines, netting 20,000 horse-power; 11 electric generators, furnishing 33,703 horse-power; 282 electric motors, furnishing 20,544 horse-power.

The total coal consumption for this plant is 130,000 tons per year. An electric crane, about 60 feet high, running on a track about 300 feet long, deposits the coal in an immense bin outside of the mill. Advantage is also taken of the water power. There are two canals and a river, with a row of mills between each stream. The space covered by the plant is 137 acres. The help numbers 15,500, and there are 655,000 spindles in operation.

During the day the following men assisted in entertaining the party: Mr. A. W. Thomson, chief of the mechanical engineering and repair departments; Mr. Clarke, chief electrician; Mr. Merrill, assistant electrician; Mr. Diman, superintendent of power plant; Mr. John Kendall, foreman of boiler shop, and several others. Nothing but the very best of courtesy was extended to the entire party and was one not easily to be forgotten.

Everybody in the Union seemed to be struck on the same brand of cigarettes on Tuesday.

Fifty-five Varsity letters have been given out at Syracuse this year. This is a much larger number than usual and almost doubles the number of S men in the university.

The recent action of the Harvard overseers in setting commencement day forward one week will make it possible for the Yale-Harvard race to be rowed on Friday, June 21, exactly one week earlier than usual.

SHOW COMPETITION FOR ASST. STAGE MANAGER

Contest Begins For Important Place on Tech Show Management.

Saturday afternoon, at 1 o'clock, Stage Manager Thayer will meet in the Show office all candidates for the position of assistant stage manager. This is another opportunity for Freshmen to support the Show, and it is also an opportunity to gain an invaluable business experience. The assistant stage manager, if he does good work, is usually made stage manager in his Junior year, so that he becomes eligible for election to the position of General Manager the year after.

The stage management has charge of the actual staging of the Show, so that its work is the most interesting done by any department. Its members are responsible for the procedure of rehearsals, and they have a great deal to do with the final picking of the cast and chorus. The work of the assistant consists mainly in taking attendance at rehearsals, helping with the prompting and making himself generally useful. The stage department has entire charge of the trips, at which time it is responsible for the transportation of 70 men and all the stage accessories.

The competition is intended principally for Freshmen. It offers the last chance for men to become members of the management of Tech Show, 1912, as all the other departments are complete and no opportunity of joining them will be open until next year.

OPEN MEETING TUESDAY.

The Mechanical Engineering Society wants all Tech men who are interested in patents to come to their meeting, which is to be held in 11 Eng. B, next Tuesday at 4 o'clock. Professor Miller has induced Mr. W. W. Dodge, a prominent Washington attorney, to address the society on "How a Man Can Protect an Idea That He Wants to Patent." It is Mr. Dodge's wish that the Civils and Electricals come out also, as he is certain that he can give them invaluable information.

CALENDAR.

In Charge of S. H. Taylor, 1912.

Thursday, February 15.

1.00—Managing Board Meeting THE TECH—Upper Office.

1.30—T. C. A. Meeting, Lieut.-Gov. Luce—Union.

4.00—Basketball Practice—Gym.

Friday, February 16.

1.00—News Board Meeting, THE TECH—Upper Office.

1.30—1912 Class Meeting—Huntington Hall.

4.05—C. E. Meeting—11 Eng. B.

4.15—Glee Club Rehearsal—Union.

4.15—Mandolin Club Rehearsal—26 Lowell.

6.15—Musical Clubs—Trinity Place Station.

8.00—Battalion Hop—Horticultural Hall.

8.00—M. E. Society Meeting—39 Boylston street.

Saturday, February 17.

1.00—Stage Competition Opens—Show Office.

Columbia Relay Carnival.

THE TECH

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THURSDAY, FEB. 15, 1912

Enjoy yesterday's concert?

FOR THE CAUSE.

During the noon hour today THE TECH will have a table in the living room of the Union, at which men desiring to order the newly adopted button may leave their names. Such a list has already been started, and now contains nearly a hundred orders.

The Bursar has already ordered eight hundred of the emblems, but the supply may be insufficient for all who desire them, so he will send in further orders to be delivered at the same time as the first, if enough men signify their intentions to purchase.

Our hundredth. Roses received.

FOR YOU TO READ.

The habit of sponging on a neighbor for the day's news is unfortunately too prevalent. It is ethically, morally and physically bad. This is a broad statement and we advance the following in its support.

It is ethically wrong because it is developing an everlasting habit of leaving things for "George" to do, to use that mythical person as an illustration. It is another of those little things that lead to poor citizenship.

It is morally bad because it is admitting a weakness that could easily be corrected. It is acknowledging, contrary to the spoken word, that THE TECH is really worth reading. Time and again men have said that there was no news in the paper. Yet we are daily publishing an average of twenty different stories on important topics. And this with a space seven inches less than we had last year.

The man reading another's TECH and refusing to support the paper by even the mite for a subscription is not doing his part in the advancement of life among the undergraduates of the Institute. An example of the absurdity of the stand taken by some men is the following: The campaign to obtain orders for the new buttons has shown many men have never heard of the buttons. Yet they are the men that say we don't have any news.

To be brief, we may as well use the "shorter and uglier." Such a slander as that of the "no news" cry is a deliberate and unqualified falsification.

As for the physical wrong. It is a bother to have to pull your paper from your pocket every few minutes to satisfy the curiosity of the non-subscribers. And this is a real nuisance, this man who says, "Let's see THE TECH."

We hope a few of these men will see this little tirade and take it to heart. In furtherance of this we would be pleased to have every reader show this particular item to his neighbors, the non-purchasers.

ROBERT LUCE SPEAKS ON "CITIZENSHIP"

The Lieutenant-Governor In The Union at 1.30 Today.

Today Robert Luce, the Lieutenant-Governor of Massachusetts, will speak under the auspices of the Technology Christian Association in the Union at the luncheon hour. His subject will be one that seems suitable between Lincoln's and Washington's birthdays, namely, "Good Citizenship."

Mr. Luce has been in public life for many years, both as a lawyer and legislator, and has now reached the third department of the government, the executive, by his election to the Lieutenantancy. This long and varied experience has offered great opportunity for observation of all sorts of "Citizenship," and the T. C. A. foresees an unusually live and interesting talk, and hopes, likewise, that the attendance will show the increase that has been noted this term over last.

NOTED SCIENTIST DEAD.

Prof. Sedgewick Reviews the Achievements of Lord Lister.

In the course of his regular lecture on Sanitary Science and Public Health, yesterday, Professor William T. Sedgewick spoke on the work of the late Lord (Joseph) Lister, the Father of modern surgery. Lord Lister died at his home in England last Sunday, and it was for this reason that Professor Sedgewick thought it a timely topic to bring into his course.

Professor Sedgewick places Lord Lister next to Darwin and Pasteur as the greatest benefactors of humanity of the last century. Lister graduated as a medical student from the University of Edinburgh in the early part of the 19th century, at a time when there was practically no idea in the minds of surgeons of the "germ theory" of disease and the suppuration of wounds.

Lister, reasoning from the researches of Pasteur on the diseases of wine and beer, came to the conclusion that the festering of wounds and surgical incisions was due to the action of germs or "infusorial animalcules," as they were then called, which got into the wound from the air and from the surgeon's hands or instruments.

To kill these germs and thus procure a healthy healing of the wound, Lister established the new system of surgery known as antiseptic, and later the modification known as aseptic surgery.

ANOTHER TRIP TO L ST.

Second Group From Electrical Society to Go Friday.

Owing to the fact that less than one-half of the fellows from the Electrical Engineering Society were able to take the trip Monday to the Edison Company plant at L street, it has been arranged to have another group visit the plant on Friday afternoon. The fellows who took the trip Monday are loud in their praises of the excellent reception that they were given there.

Among the many things to be seen there are the new turbine engines that have a capacity of 10,000 kilowatts. These were recently installed and displace the older type of reciprocating engines. These reciprocating engines are used as an emergency plant. This is but one of the numerous sights to be seen there, and everybody is insured of an interesting trip.

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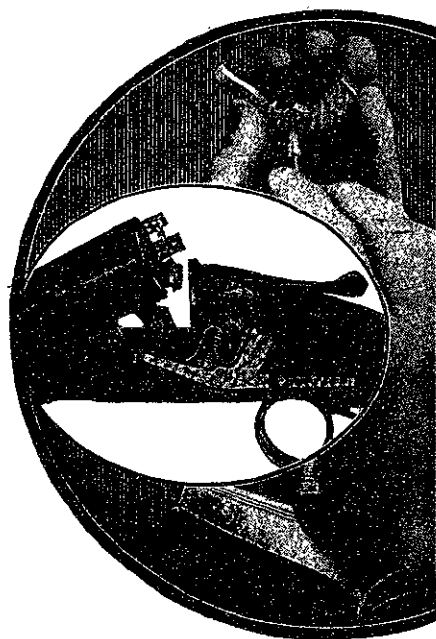
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SOCIETY OF ARTS TO HEAR NOTED SCIENTIST

Abbot to Give Lecture on Work and Experiences of Last Ten Years.

The next man to address the Society of arts will be Dr. Charles G. Abbot, '94, Director of the Astrophysical Observatory of the Smithsonian Institution, who will give a lecture on Tuesday evening, February 20th, on "The Sun's Radiation."

Dr. Abbot has been in this work practically all the time since graduation, and has traveled over a large part of the world in his efforts to get hold of data under the best conditions. He has visited uncivilized countries and been obliged to live in them for a time; he has climbed high mountains, and as a reward for his work he has received the Draper Medal for making the world's greatest astronomical discovery of the last two years.

In 1900 he headed an expedition to South Carolina to observe an eclipse and had great success. In the next year he attempted to get the eclipse again to confirm the results already catalogued, but the weather interfered with the observations.

With a great deal of danger and difficulty he ascended Mt. Whitney, and together with Professor Campbell of the Lick Observatory established an observing station 14,500 feet above the sea, the highest point of land in the United States. He also established the observatory at the summit of Mt. Wilson, and he has spent much time in making observations from this station. He has secured some very valuable data from here in measuring the radiation of the sun from a point a mile above sea level.

Varsity Defeated.

(Continued from Page 1, Col. 2.)

the small crowd several times on clever plays.

The lineup:

Tech. Brown. Schar, Capt., l. f. . . . r. g. Adams, Capt. Schatz, r. f.

l. g. Miller, McLyman, McKay Morse, c. c. Scholze, McLyman Freedman, Williams, l. g.

r. f. Sullivan McCarthy, r. g. . . . l. f. Von der Leith Score: Brown, 34; Tech, 22. Goals: Schatz 5, Schar 3, McCarthy and Williams 1, Von der Leith 9, Sullivan 3, Scholze 2, Miller 1. Fouls shot by Schar 2, Von der Leith 2.

Officials: Referee, Parker. Timer, Munch. Scorers, Tarr and Drury.

The Sophomores scored the first point in the championship race between the two lower classes by winning their game easily by a score of 29 to 4. The game between the classes was more interesting than the Varsity game, and was watched more closely by the spectators. The Sophomores expected to win easily but were surprised when they discovered that the Freshmen were stronger than they thought.

Tirrell was the star and shot five of the baskets from the floor. Scully played a good game for the Freshmen, but could not make up for the deficiencies of the rest of his team, who did not play well together.

1914.

Tirrell, r. f. r. f. McBride Comber (Capt.) l. f. . . l. f. Wentworth Reuff, c. p. c. p. Parsons Williams, Fox, l. f.

l. f. Neumann (Capt.)

Bryant, r. f. r. f. Scully Goals shot by: Tirrell 5, Comber and Bryant 4, Ruoff, Scully and McBride 1. Fouls shot by: Comber 1.

Officials: Referees, Darling and Mowry. Timer, Ott. Scorer, Tarr.

Cornell intends to withdraw from the Intercollegiate Swimming League.

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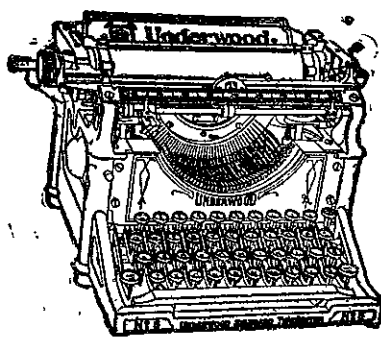
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TECH BUTTONS are to be ordered in advance by leaving name and number desired at my office. F. H. Rand, Bursar. (97-5t)

MUSICAL CLUBS—Take train for Wellesley Hills at Trinity Place Station Saturday, February 17, at 6.25 P. M. Meet at Wellesley Hills New Grammar School Hall. (100-3t)

Major Cole is wearing a button similar to the new Tech button recently adopted by the Institute Committee.

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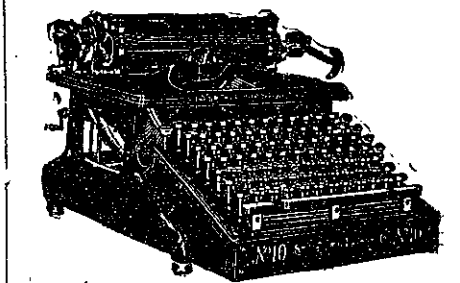
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