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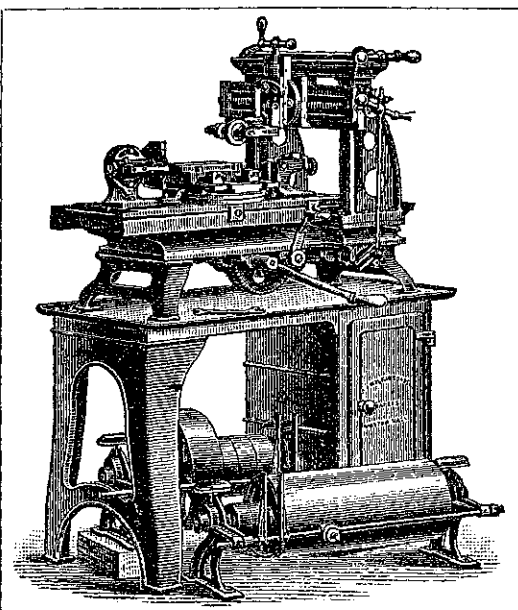
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# The Tech.

VOL. XIII.

BOSTON, NOVEMBER 23, 1893.

NO. 8.

## THE TECH.

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

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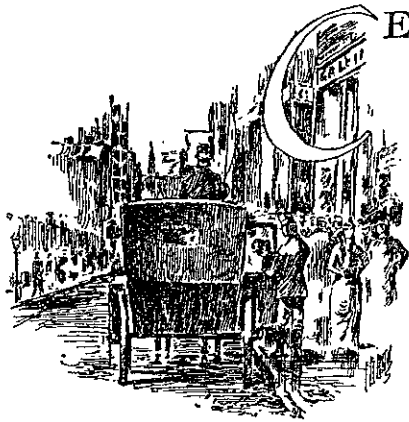
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Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

*For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.*

*Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.*

FRANK WOOD, PRINTER, 352 WASHINGTON STREET, BOSTON.



ERTAINLY there is an increasing interest in athletics. Nearly every night a comparatively large number of men may be seen toiling away with the new and old apparatus at the gymnasium, while more yet are out for football practice. This, we are glad to observe, is particularly noticeable among members of the Junior Class. The formation of football teams by various courses, started about three weeks ago by the Senior Chemists and Chemical Engineers, has been enthusiastically taken up by the Juniors. As a result, '95 has several good teams, eager to play, and out almost nightly for practice. This course, and, if possible, class rivalry, is the best method of developing interest in football, and of bringing to light and to practice many good men who, having previously known nothing of the game, were too modest to practice with the 'varsity players, and yet who would, under proper training,

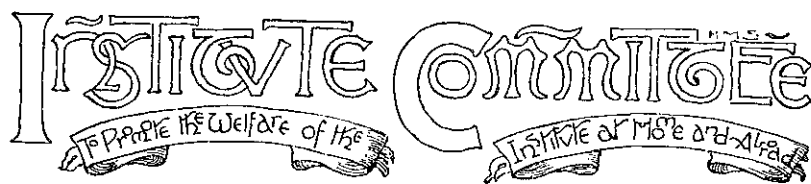
prove invaluable to our team. Heretofore, Juniors and Seniors have left the supply of material almost solely to the two lower classes and to those who formerly played on the 'varsity. Let the good work go on. THE TECH has hoped for some time to see a class football cup, and this, we can assert, will be the reward of earnest perseverance in the lines now indicated.

LAST year THE TECH called attention to the deplorable custom of tipping chairs in the lunch room, and hoped that the ungentlemanly practice would cease. As everyone who frequents the lunch room knows, this unjust method of discrimination not only continues, but there have been added certain unparalleled features that call for immediate reform. There are certain students who are not satisfied with depriving others of a seat while they are procuring food, and who, therefore, tip not one, but several chairs, so that they may be sure of securing at least one seat of the number. But this is not all. There are cases in point where students tip chairs which remain unused during the greater part of the noon hour, simply because they kindly forget to move them after they have secured themselves a seat. These are no idle statements, but facts which THE TECH is ready to substantiate with names and details. Such practices may be due to thoughtlessness on the part of students, but it is a thoughtlessness which admits of no excuse, which savors of downright selfishness, and which should be stopped immediately. In the name of common decency THE TECH asks why the chairs cannot be left alone till some one is ready to use them. It is in the hands of the students to do away with this evil, by discouraging all tipping of chairs in the lunch room.

IN answer to a recent communication sent to all societies in Technology, we were sorry to have one, addressed to a local society, returned unopened. It is but a short space of our long life that we are here together, and in that period all should endeavor to extend their social opportunities. The fact is well established that the man having social qualifications as well as an excellent education, succeeds much better in this rough world of toil than he who lives for his books alone. Hence it is that sadness follows the news of the death of one of our societies. If interest seems waning, then devise some new scheme for strengthening that which was once strongly bound, and seek new members whose influence will furnish new life and insure future prosperity. During the past few years fraternities and societies at the Institute have experienced a remarkable growth, yet we can ill afford to lose even one from their number.

WE are glad to commend '95's appreciation of the manifold courtesies extended last summer to Tech men by our Northwestern Alumni Association. Ninety-four also has done well in expressing its gratitude, and, doubtless, the Sophomores will follow. Ninety-seven can hardly be expected to pass resolutions, though every Freshman can and ought to admit the debt we are under to our alumni, and use his ever-increasing influence in repaying them doubly for their kindness.

NOW that a French-speaking club has been formed and is found to flourish, why should not a German club be in order? The professors have taken an unexpected interest in the "Cercle Française," and it is reasonable to suppose that the same attention would be paid to a "Deutsches Verein." German is undoubtedly a harder language to master than French, but surely in the whole Institute there must be enough men proficient in the tongue to form as creditable and successful a society as the French club has proved.



A MEETING of the Institute Committee was held on November 14th.

In accordance with the notice given after the last meeting, the competition for a design for an Institute pin was closed on that date, and the designs were laid before the Committee. It was decided, however, to request Professor Chandler, Professor Cross, and Dr. Tyler to act with the Committee in selecting one design or rejecting all. It was thought that a decision rendered by the gentlemen named would be impartial, and would insure the students against the adoption of a poor design. Mr. Rockwell, Mr. Meade, and Mr. Baldwin were appointed to confer with the gentlemen from the Faculty.

Trophies and a trophy room, the old but still interesting subjects, were discussed. Investigations made by last year's Committee show that, for the present, a room cannot be obtained. However, a committee was appointed to see if there is any place accessible to all the students where a glass case can be put which shall contain at least some of the trophies already collected. It was urged that the Committee use all its influence to induce the students to collect, for a trophy room which will surely come, all articles which should have a place there. Once a large number of these articles is on hand, appeals for a room will have material support. Each of the classes represented on the Committee will be asked by one of its representatives to provide a framed class picture. All Institute organizations are appealed to for their photographs, suitably framed.

A committee was appointed to confer with the Faculty as to the exact shades intended when cardinal red and silver gray were declared to be the Institute's colors. This committee will then procure samples of the

proper shades, which will be placed on exhibition. Uniformity in flags, banners, and the like, is very desirable.

### COMMUNICATIONS.

*The Editors do not hold themselves responsible for opinions expressed by correspondents.*

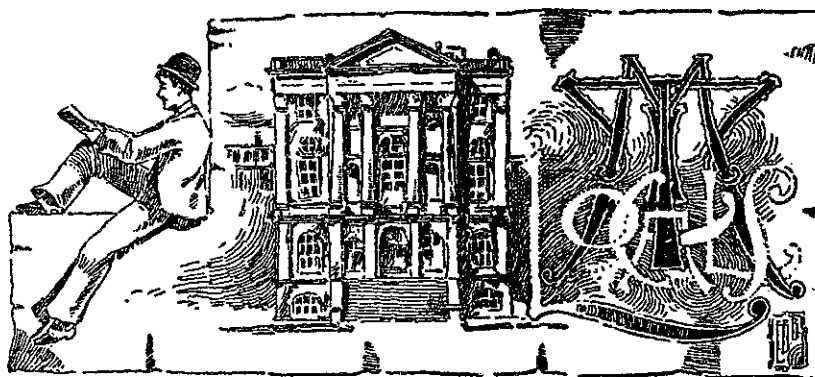
TO THE EDITORS OF THE TECH:—

May I ask the officers of the Football Association to inform a few curious ones what claim the 'Varsity Football Association has to the management of the Sophomore-Freshman cane rush? Their only right to it, as far as can be seen, is "custom." If "custom" gives the management of this annual event to the Football Association, should it not pay the class expenses which accrue therefrom? It is outrageous for them to step in and charge Freshmen and Sophomores admission to their own entertainment, and then, after taking in over one hundred dollars at the gate, as was done this year, to refuse to bear these expenses of the two classes.

When the 'Varsity manager was informed of the expression of the '96-'97 cane-rush committees, he actually felt insulted to be dictated to by these younger classmen. He considered the classes too independent and too dictatorial for Technology. Now, can the officers of the association who have the interests of the Institute at heart, think that this treatment is just? Furthermore, can it be expected for a moment that the two lower classes will put up with this imposition? No! It should be appreciated that a privilege is conferred upon the Association by the Freshman and Sophomore Classes. Both are willing to help the Association along by these means, provided justice in return is assured; but when imposed upon, as at present, then is it time for '96 and '97 to express their opinion.

CONTRIBUTOR.

The Chicago Manual Training School, Armour Institute, University of Pennsylvania, and the Chicago University, have asked the Institute for parts of the exhibit at the World's Fair, with the idea of adding the same to their museums. The Institute will donate the greater part of the photographic enlargements and blue prints, and probably some specimens of shop work. The exhibit at Chicago cost \$9,000, \$2,500 of which was given by the Alumni Association.



Both '95 and '96 are now choosing class canes.

Professor Cross's lecture, which was to be given on Thanksgiving, will be delivered on the preceding Wednesday.

Mr. Samuel D. Dodge, '93, has recently been appointed assistant in Civil Engineering. He is to have charge of the instrument room.

Mr. Jasper Whiting, '89, Superintendent of Blast Furnaces, Illinois Steel Co., has been sent to Germany for a year's study by that company.

Mr. J. B. Seager, Course III., '89, who is the superintendent of the Excelsior Red-Stone Co., of Hancock, Mich., visited the Institute during his stay in Boston.

The first regular meeting of the K. O. S. Society was held Saturday evening, November 11th. The following '96 men were initiated: S. Cabot, D. M. Bates, C. S. Newhall, F. Thomas, W. H. Clifford, R. S. Howland, and Y Bea Pedro Urquiza.

K<sub>2</sub>S held its first meeting of the year on the 16th. Papers were read by Mr. Mackay on the "Uses of Aluminum as a Purifying Agent," and by Mr. Moore on "Petroleum." Bigelow, '95, Hodge, '95, Johnston, '95, and Stoughton, '95, joined the Society.

At the meeting of the Society of Arts tonight, Hon. Frank P. Bennett, of Everett, will read a paper on the subject of "Endowment Orders." Mr. Bennett has been a leader in the crusade against these orders, and is well qualified to throw light upon the subject.

Through the efforts of Professor Burton, a room on Mertyl Street, Beacon Hill, has been

leased by the Institute for making astronomical and magnetic observations. Though somewhat removed from the Institute, it is one of the nearest points free from electric, car influences and not on made land.

A complete list of the questions, with answers, occurring in every examination in Heat from 1884 to 1892 inclusive, has been compiled and published in very neat form by Messrs. McJennett and Loring, '94. By this means many a flunk ought to be avoided in the future. The notes may be obtained of the "editors" through the Cage. The price is one dollar, and the edition is small.

Last Friday an unusually complete and interesting exhibit of astronomical, hydraulic, and surveying instruments was viewed by many Tech students in Room 48, Eng. The instruments formed the World's Fair exhibit of Buff & Berger, among them being a few purchased by Technology. Mr. Berger, of that firm, explained the use and nature of the instruments to those desiring such information.

The department of Language is receiving valuable additions to its library in the way of encyclopedias. It now possesses the most extensive encyclopedia ever published. This is the "Ersch and Gouber Encyklopadee der Wissenschaften und Künste," comprising one hundred and sixty-six volumes. The department also subscribes to the "Grand Encyclopedia," a very valuable French work, the whole of which has not yet been published.

The Freshman battalion was never so large as it is this year. The total number of men is 256, of whom 65 belong to Company A, 60 to Company B, 62 to Company C, and 69 to Company D. Lieutenant Hawthorne has introduced some changes, which are of great assistance in teaching the men the military art. The new programme includes both lectures and recitations on military tactics, and the student will receive marks according to his proficiency, which will count in the semi-annual averages.

A signal corps is to be formed, which will be composed of those who are least able to bear arms, on account of their size. It is expected that they will become expert in the art of signalling, and will then instruct squads detailed from the battalion, from time to time, until the whole battalion has learned the army code. At present the battalion is under the care of squad leaders, and is perfecting itself in the manual of arms. In two or three weeks temporary officers will be appointed, in order of merit, and the company work will begin.

At a special invitation from the Messrs. William Cramps & Sons, builders of the new U. S. cruiser Columbia, the Senior and Junior Naval Architects inspected the flyer as she lay in President Roads last week Wednesday. A special tug took the party, headed by Professor Peabody and Mr. Swan, to the cruiser. A thorough inspection of the vessel and its machinery was allowed, the extra precautions and arrangements, such as constant playing of oil over the entire engine, for trial tests for speed being explained. A revenue tug brought the party back to the city.

The Glee and Banjo Clubs assisted at the Comedy Club minstrels in Music Hall, on November 15th, the affair being in aid of the Charity Club Hospital. The Glee Club sang in all the choruses, and toward the end of the second part of the programme appeared in cap and gown by themselves. The Club has improved greatly in its singing, but the right selections are yet to be found. The Banjo Club opened the second part with "The Gloriana," and after a rousing encore from a cold house gave "The Patrol Comique." A well-known critic there said, "That is the finest amateur banjo club I have ever heard."

The November meeting of the Electrical Engineering Society was held on Tuesday evening, the 14th. Two very able papers were read, by the president, Mr. Harwood, '94, and by Mr. Pratt, '94. The first was a

discussion of a "Generator to give a pure Line Curve." The second paper was on "Multiphase Motors." Professor Cross loaned the speakers an electric projecting lantern for the exhibition of slides. The meetings of the society are very interesting and profitable, but they are not attended as they should be, especially by the Course VI. men of '95. The initiation fee is only fifty cents, and there are no dues; so no "Electrical" can assign any other reason for not belonging than indifference.

The meeting of "Le Cercle Français," on November 15th, was very well attended. Some timely articles on the Franco-Russian Alliance were read by Professor Bernard from *Le Courier des Etats Unis*. Professor Despradelle followed with an entertaining account of art student life in Paris. Some bright anecdotes were given by Professor Lanza illustrating the peculiar French-English life of Quebec. A French play, under the management of Professor Bernard, will be presented about the second week after the holidays. The preparation given to the actors is to be thorough, and the rendering of the play will doubtless be very creditable. The society is in a flourishing condition, and attracts new members to every meeting.

At a meeting of the Junior Class, held on Thursday, an assessment of one dollar was voted to be levied on each member to meet the standing bills against the class. The date for the class dinner was announced as December 12th. The hospitality of the Northwestern Alumni Association was then brought up, and the following resolutions adopted:—

WHEREAS, The members of the Class of '95, together with many other Tech men, have enjoyed the generous reception and good cheer given them by the Northwestern Alumni Association of the Massachusetts Institute of Technology; and

WHEREAS, We fully appreciate the feelings of loyalty and kindness that prompted our Northwestern Alumni to endeavor to make our visit in Chicago pleasanter and more profitable than it otherwise would have been, and we were enabled through their thoughtfulness to meet many

old acquaintances, to form new ones, and to retain most pleasant memories of the evenings passed so enjoyably; be it

*Resolved*, That we, the Class of '95, in class meeting, tender our hearty thanks to the Alumni who have thus exerted themselves for Technology; that these resolutions be entered on the class records; that they be printed in THE TECH; and that a copy be forwarded to the President of the Northwestern Alumni Association.

Signed. MILTON L. FISH, *Pres.*  
CHARLES F. TILLINGHAST, *Vice Pres.*  
IRA A. NAY, JR., *Sec.*

November 16, 1893.

There has been a notable increase in the number of graduate students at the Institute in comparison with last year. The number of candidates for advanced degrees is the same (3), but the number of other graduate students is increased from 49 to 81, including one or more representatives from each of the following colleges: Boston College (1), Bowdoin (1), Brown (1), Caracas (1), Delaware (1), Centre (1), Charleston (1), Chicago (1), Cornell (1), Dartmouth (1), Drake (1), Georgetown (1), Göttingen (1), Harvard (19), Harvard Annex (1), Havana (1), Holy Cross (1), Iowa State Agricultural (2), Iowa State (1), Johns Hopkins (2), Kenyon (1), Lafayette (1), Marietta (1), Massachusetts Institute of Technology (11), Michigan Mining School (1), Michigan State Agricultural (1), Minnesota (2), National Institute (1), Oberlin (1), Ogden (1), Pennsylvania (1), Roberts (1), Sheffield S. S. (1), Northwestern (1), University of City of New York (1), Smith (3), Straight (1), Trinity (1), Vassar (1), Virginia (1), Wellesley (1), Williams (3), Worcester Polytechnic Institute (1), and Yale (3). These graduates are distributed among the following courses: Civil Engineering (7), Mechanical Engineering (5), Architecture (33), Chemistry (5), Mining Engineering (3), Electrical Engineering (20), Geology and Naval Architecture. The graduates of Harvard University are distributed among the following courses: Civil Engineering (1), Mechanical Engineering (2), Architecture (12), Mining Engineering (1), and Electrical Engineering (3).

Our graduates of last year are now employed as follows:—

- Orten W. Albee, III., Assistant to Inspector of Ordnance, U. S. A.
- Herbert W. Alden, II., with American Projectile Co.
- Charles W. Allen, VI., with Westinghouse Electric and Manfg. Co.
- Charles E. Buchholz, I., Inspector of Masonry, Rome, Watertown, and Ogdensburg R. R.
- Frank S. Badger, I., with Proprietors of Locks and Canals on Merrimac River.
- Hetty O. Ballard, XII., Assistant in Paleontology at Museum of Boston Society of Natural History.
- William T. Barnes, I., with George S. Rice and George E. Evans, Civil and Hydraulic Engineers.
- Roy H. Beattie, I., Rodman, New York, Chicago, and St. Louis R. R.
- Albert F. Bemis, I., with the Bemis Brothers Bag Co.
- Samuel N. Braman, II., with Plan Department, Associate Factory, Mutual Insurance Co.
- John C. Brown, VI., with the Metropolitan Telephone and Telegraph Co.
- Leonard B. Buchanan, VI., with Stone & Webster, Electrical Experts and Engineers.
- Arthur A. Buck, VI., in Expert Department, Thompson-Houston Electric Co.
- John R. Burke, I., with Edward S. Shaw, Bridge Consulting Engineer.
- Nathaniel R. Craighill, II., Student, Institute of Technology.
- William W. Crosby, II., Assistant in Mechanical Engineering, Mass. Institute of Technology.
- Courtland R. Darrow, I., with C. E. Chandler, Civil Engineer.
- Carleton E. Davis, I., Assistant to Chief Engineer, Manchester Water Works.
- Charles D. Demond, III., Assistant Chemist, Boston and Montana Consolidated Copper and Silver Mining Co.
- James A. Emery, I., Assistant in Civil Engineering, Mass. Institute of Technology.
- William Esty, B. A., VI., Instructor in Electrical Engineering, University of Illinois.
- Arthur G. Farwell, VI., Student.
- Frederick H. Fay, I., Graduate Student, Mass. Institute of Technology.
- Fred B. Forbes, V., Assistant Chemist, Lawrence Experiment Station, State Board of Health of Massachusetts.
- William B. Gamble, IX., Student Harvard Medical School.
- Wallace K. Gaylord, V., Instructor in Chemistry, Throop Polytechnic Institute.
- Marvine Gorham, II., with Gale and Towne Manfg. Co.
- Frederick W. Hadley, VI., with Westinghouse Electric and Manfg. Co.
- J. Fred Hinckley, X., in Aniline Black Department, Silver Spring Bleaching and Dyeing Co.
- Frederick H. Howland, IX., with Providence Journal Co.
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- Simeon C. Keith, Jr., VII., Assistant in Biology, Massachusetts Institute of Technology.
- Erwin Kenison, II., Assistant in Mechanical Drawing, Massachusetts Institute of Technology.
- Wallace C. Lambert, I., Civil Engineer, in City Engineer's Office.
- Herbert Lewis, B. A., VI., with Westinghouse Electric and Manufacturing Co.
- Heiichiro Maki, VI., with the Westinghouse Electric and Manufacturing Co.
- George E. McQuesten, VI., Traveling.
- Frank H. Merrill, X., with Jobbins & Ruymbecke, Patentees of New Process for Glycerine Distillation.
- Henry A. Morss, VI., with Morass & Whyte, Wire Makers.
- Henry W. Nichols, XII., Assistant in Geology, Massachusetts Institute of Technology.
- Charles L. Norton, VI., Assistant in Physics, Massachusetts Institute of Technology.
- Francis C. Norton, IX., with Francis Cobb & Co.
- Charles L. Nutter, II., Mechanical Engineer, and with Caner Cotton Gin Co.
- Oren E. Parks, I., Assistant Engineer, Town of Westfield.
- William S. Resor, VI., in shops of Fort Wayne Jenney Electric Co.
- Harry L. Rice, X., with Milwaukee Gas-Light Co.
- Frank D. Richardson, II., Assistant in Mechanical Engineering, Massachusetts Institute of Technology.
- Harold A. Richmond, II., Draughtsman, with C. F. Simonds, manufacturer of Ball Bearings.
- Fenwick F. Skinner, I., in City Engineer's Office, Park Department.
- John I. Solomon, VI., with Alexander Chamberlain Electric Co.
- J. Ramsey Speer, II., with Shoenberger, Speer & Co.
- George W. Stose, I., Graduate Student, Massachusetts Institute of Technology.
- Fred B. Stridley, VI., with Taunton Street Railway Co.
- Kilburn S. Sweet, I., Assistant in Civil Engineering, Massachusetts Institute of Technology.
- Charles W. Taintor, VI., Inspector, New England Telegraph and Telephone Co.
- Alfred C. Thomas, VI., with Metropolitan Telephone and Telegraph Co.
- Percy H. Thomas, VI., Student, with Westinghouse Electric and Manufacturing Co.
- John F. Tomfohrde, II., Student, Boston University School of Law.
- Charles Tripp, VI., with Westinghouse Electric and Manufacturing Co.
- William A. Tucker, III., Assistant to Professor Richards, Massachusetts Institute of Technology.
- Augustus B. Wadsworth, VII., Medical Student, College of Physicians and Surgeons.
- Charles R. Walker, V., Assistant to Professor Pope, Massachusetts Institute of Technology.
- Robert N. Wallis, IX., Reporter, with *American Wool and Cotton Reporter*.
- Henry T. Woods, II., Graduate Student, Harvard University.
- George M. Yorke, VI., with American Telephone and Telegraph Co.

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**FOOTBALL NOTES.**


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Trinity, 10; Technology, 18.

TECHNOLOGY won the second game with Trinity on the South End grounds last week Thursday, in an interesting and well-played contest. Curtis, as usual, did the bulk of the work for Tech back of the line, in his accustomed finished style. The crowd which attended the game was much smaller than the event merited, but what was lacking in quantity was made up by the other "Q;" and the ladies who were present warmly applauded the long runs and sharp tackles.

Trinity played a very gentlemanly and fast game, and worked a new crisscross play for both of their touchdowns. Trinity would not have scored if Underwood had played farther out, and Andrews not so close up in the line; for both of Trinity's touchdowns were made around her left end, and it was Underwood's business to keep the runner inside. Beyond this, M. I. T. put up a good game and Andrews showed that he knew how to kick goals. Technology outplayed Trinity in both offensive and defensive work, although Trinity played a good game when she had the ball.

The game opened with the ball in Trinity's possession, but Tech soon got it on four downs, and then, without once losing it, forced the ball over the line in five minutes of playing time. Andrews kicked the goal, and Technology led 6-0.

On the kick-off Trinity failed to gain at first, and twice carried the ball back twenty yards to retain the ball. Here they used a pretty round-the-end trick, and scored a touchdown from the middle of the field. Score, 6-6; playing time was five minutes. M. I. T. made twenty yards on a flying trick, and Curtis added twenty-five more by a quick dash around the right end. This was immediately followed by another good gain, and Tech scored again. Time, three minutes; score, 12-6. Then play stayed in the middle of the field until Curtis made a 40-yard gain,

but no touchdown was made, as time was called with the ball on Trinity's 2-yard line.

The second half was played with much the same tactics as the first half. Technology scored in ten minutes. Andrews kicked a good goal. Score, 18-6, in favor of Tech. Trinity, later on, used their crisscross again and scored, but failed to kick the goal, leaving the final score 18-10.

---

**TECHNOLOGY.**

Parker, l. e.  
Perkins, l. t.  
Washburn, l. g.  
Manahan, center.  
McCormick, r. g.  
Whiting, r. t.  
Underwood, r. e.  
Thomas (capt.), quarter back.  
Curtis, l. h. b.  
Hayden, r. h. b.  
Andrews, f. b.

---

**TRINITY.**

Coggeshal, r. e.  
Reise, r. t.  
Penrose, r. g.  
McGann, center.  
Reiland, l. g.  
Buell, l. t.  
Strawbridge, l. e.  
Greenley, quarter back.  
Edgerton, r. h. b.  
Dingwell, l. h. b.  
J. Edgerton, (capt.) f. b.

Umpire, Mr. Simonds, Tech, '94. Referee, Mr. Thurston, Trinity, '91. Twenty-minute halves.

---

**Brown, 28; Technology, 6.**

TECH's return game with Brown was played at the South End grounds last Saturday. Brown entered her regular team, with the exception of Robinson at full back, while we were badly crippled by the absence of Captain Thomas at quarter, Manahan at center, and Mayo at tackle. The score of 28-6 should be in no way discouraging. The game was hard fought from start to finish, and the touchdown which our team secured was unlooked for by Brown. Millard and Hopkins excelled for Brown, while great credit is due her whole rush line for preventing Tech gains through the center; for M. I. T., Curtis played his usual brilliant game, while Hayden often found a hole in the Brown rush line. Brown's interference in this game surpassed that of any team we have played this year, with the exception of Harvard. In this respect Tech was especially deficient.

Tech began play at 3.10 with the flying V originated by Thomas, making fifteen yards. On four downs Andrews was forced to punt. Curtis got the ball and made fifteen yards more for Technology. Andrews again

punted, and Brown obtained the ball for the first time. Millard was cleverly stopped around right end by Underwood. By using the "Woodruff" flying play, Brown, through Millard and Hopkins, gained forty yards. By a trick wedge, Hopkins made the first touchdown for Brown. Millard failed for goal. Score, 4-0. Tech started out with the flying play, making ten yards, but soon gave the ball up on four downs. By the Woodruff trick Hopkins scored from 45-yard line. Millard kicked goal. Score, 10-0. Now it was Tech's turn to score. On the flying wedge, Curtis broke through, making a beautiful run of sixty yards down the field, securing a touchdown. Our eleven here offered the best interference put up during the game. Andrews easily kicked goal. Score, 10-6. Brown put the ball in play, soon making another touchdown. Millard failed for goal. Score, 14-6.

Brown began the second half with a well-formed V, netting thirteen yards. Here our eleven began to prevent extensive gains by the Woodruff trick, and such plays were far less successful in his half. Notwithstanding, after four downs for both Technology and Brown, on again getting the ball, Brown made the fourth touchdown by a series of short runs. Try for goal failed. Score, 18-6. Brown steadily worked the ball down to our 5-yard line. Here Rockwell got the ball, and made a beautiful run of twenty-five yards. Curtis and Hayden made small gains, then Brown got the ball and again scored. No goal. Score, 22-6. On the opening wedge Curtis was hurt, and McElwanie, '97, took his place. Hopkins made another touchdown, and Donovan kicked goal. Score, 28-6.

The teams lined up as follows: M. I. T.—Underwood, r. e.; Newell, r. t.; Whiting (Swift), r. g.; McCormick, c.; Washburn, l. g.; Cushing, l. t.; Rockwell, l. e.; Parker, quarter back; Curtis (McElwanie), Hayden, half backs; Andrews, full back. Brown—Dennison, l. e.; Emery, l. t.; Lancey (Jones), l. g.; Coombs, c.; Smith, r. g.; Nott, r. t.;

Colby, r. e.; Donovan, quarter back; Millard, Hopkins, half backs; Robinson, full back. Umpire, A. A. Highlands, Harvard; referee, Kilvert, Brown. Time, 40 minutes. Attendance, 400. Lancey was ruled off for slugging; Jones took his place.

A well-contested football game was played between teams of Course VI. and Course II., '94, last Saturday morning, resulting in a score of 12-0 in favor of Course VI.

Course VI. made two touchdowns in the first half and one in the last half, but failed to kick goal every time. The general team work of Course VI. was very good.

The teams were lined up as follows: Course VI.—Lord, r. e.; Harwood, q. b.; Berry, f. b.; Nowell, r. h. b.; Varney, r. t.; Southard, l. h. b.; Clapp, r. g.; Wason, c.; Rogers, r. e.; Nash, l. t.; Bovey, l. g. Course II.—Richards, f. b.; Wrightington, r. h. b.; Owen, l. h. b.; Tenney, q. b.; Reed, c.; Wood, l. g.; Yoerg, l. t.; Cheney, l. e.; Eaton, r. g.; Sperry, r. t.; Kendal, r. e. Curtis and Clarke refereed the game.

On Thursday afternoon Course I. and Course IV., '95, lined up on the Clover Field. At the start the Civils rushed the ball down the field to the Architects' 10-yard line; here a bad fumble gave their opponents the ball. At the first pass, Chase, assisted by the brilliant blocking of Gilbert, carried the ball the length of the field, and scored the first touchdown. Farquhar kicked the goal. Score, 6-0. In the next scrimmage the superior playing of the Architects behind the line, assisted by Gilbert, rolled up a score of 18 to 0.

## COURSE IV.

Gilbert, l. e.  
Schofield, l. t.  
Nichols, l. g.  
Gay, center.  
Schoentgen, r. g.  
Zapf (Gutterson) r. t.  
Badgley, r. e.  
Farquhar, quarter back.  
R. L. Fuller, l. h. b.  
Chase, r. h. b.  
Hopkins, full back.

## COURSE I.

Howe (Belknap), r. e.  
Ellis, r. t.  
Harnden, r. g.  
Schmitz, center.  
Donham, l. g.  
Swift, l. t.  
Wheeler (Churchill), l. e.  
A. D. Fuller, quarter back.  
Ames, r. h. b.  
Howland, l. h. b.  
Logan, full back.

Referee, Faxon, '95. Umpire, Clement, '94.

## M. I. T. A. C.

The proposed athletic meet between Technology and Brown University has fallen through, because the Brown men will not be in proper training at the time suggested.

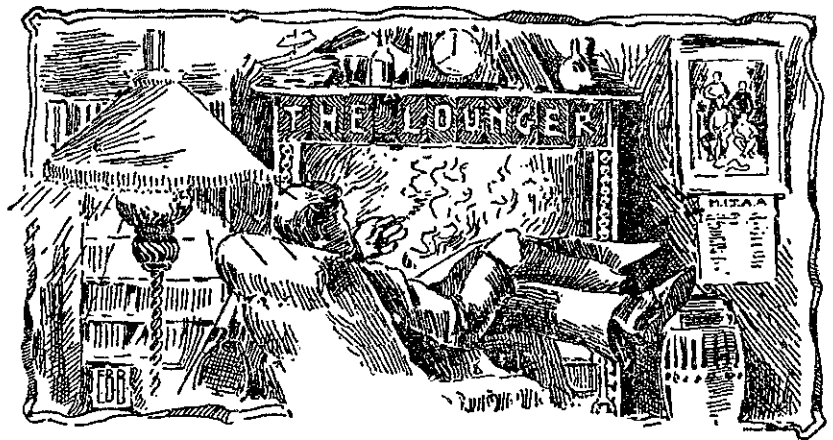
The initial cross-country championship meeting takes place at Mystic Park on Thanksgiving Day. The course is about five miles, laid out on good level country. The N. E. A. A. U. committee announces that runners representing clubs which are members of the N. E. A. A. U., are exempt from payment of entry fee. As the M. I. T. A. C. is a member of said association, it is hoped that Tech will be represented in the field of starters. The Brown College A. A. has entered a large team for this event.

The indoor Class Championship Meeting of the M. I. T. A. C. will be held December 9th, in the gym. The events are: 35-yard dash, 35-yard low hurdle race, potato race, putting the shot (16 lbs.), running high jump, rope climb, fence vault (handicap reach), standing broad jump, pole vault (for height). Entrance fee, twenty-five cents per man for each event. Entries close December 6th, with the secretary of the M. I. T. A. C. Only members of the Athletic club can compete.

The annual cross-country run of the Club will be held December 16th. The course is from the "gym" to Coolidge's Corner and return. Entrance fee is fifty cents per man. Entries close at 12 M. on December 16th. First, second, and third prizes will be given if more than six members compete.

The Individual Excellence Cup is again offered by the M. I. T. A. C. to the member scoring the greatest number of points during the college year in all meetings held by the Club,—points to count 5, 3, and 1 respectively for first, second, and third in each event.

The annual membership tickets of the M. I. T. A. C. will admit member and lady, and the life membership will admit member and ladies to all closed meetings held by the Club.



As the Lounger was dodging into Engineering Alley the other day, he noticed at its farthest end a hole in the wall, and curiosity impelled an exploration. He found that Winslow's Rink, the scene of old time midyear festivity, was the cause of the disturbance. Entering, he picked his way among the rising walls of brick. What a flood of memories came to him, standing in the midst of this busy scene. But so shortly ago on this sandy floor pattered Freshman feet. There the dress parade was formed, and there the Sophomore stood. On that spot, now so insignificant, did the bale of hay descend, and there did "Murky" catch the pig. About this uneven floor then paraded gorgeous maidens, and even here where now the bricks are strewn there waltzed a joyous pair. To-day the very roof is changing, and ere long the artist student will hold control where once so nobly contested the Sophomore and the Freshman. Verily the world doth move.

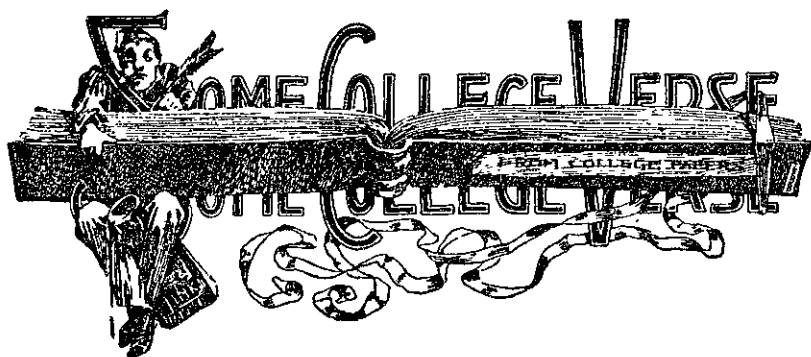
The Lounger reads that the Midway now resembles a regulation Chicago Alley, and that the winds sweep clouds of dust and rubbish along its barren way. The poor Javanese, at last accounts, were warming themselves with kerosene lamps, which, as a brave Course X. men asserts, are just about large enough to furnish the necessary heat equivalent. It is hard to realize that the old spirit of jollity does not still pervade that mile or more of fakedom. Even now the Lounger can hear the irrepressible "Hello, hello!" of the jovial Turk, the "Hot! hot! hot!" of the waffle man, and the sound of tinkling glasses within the doors. Yes, it was a gay place, and one the Lounger will not soon forget. There is more than one college man who will recall the pert maids of Old Vienna, or, perchance, of the Hungarian, and the cheers that rang out so merrily there on a Wednesday night. Many an animated scene took place there "in the pale moonlight," as the Columbian guards can truly testify. The

Midway Plaisance, as Professor Crosby would say, had a "very smooth feel" in those times when roller skates were in demand. But, after all, there was much of good sense and good nature to be gained in that medley of people. The Lounger does not wish to force any World's Fair reflections upon his friends, but when he hears that the white plaster walls are crumbling so soon, and that the Arabs are quietly pulling up stakes for another clime, he must recall the merry days "on the Midway, the Midway, the Midway Plaisance."

The Lounger does not enjoy having his chair moved about so unceremoniously as has been done in the last few numbers of THE TECH, but he must needs follow the dictates of the remorseless "news" collector. The two above paragraphs were written at least two weeks ago, when the thoughts therein first originated in the Lounger's mind; but in the meanwhile they have been side-tracked by the friends of the printer and certain other fiends, so that the ponderous football freight might pass along. It is the Lounger's sincere hope that the gayly decorated football accounts have been duly appreciated. If the attendance at the games were only in proportion to the space devoted to this remaining pretense of Technology to College athletics the Lounger would favor a veritable "football edition" of THE TECH. When this glorious student body rises to a sense of its possibilities, the Lounger will take pleasure in editing a paper of his own kind; but as he does not feel warranted at present in making the necessary expenditure, he must continue at the old stand, subject to the press of passing events.

Should the joyous season just referred to ever dawn, the Lounger has decided to join the school of journalism represented at present by the new *Wrinkle* created by the mirthful lawyers of festive Ann Arbor. This little sheet indulges in the most wanton gayety. Its motto is to "Enjoy life while you may, for you will be a long time dead," and the sentiment therein expressed strikes the Lounger as very proper. Besides that, there is a latent freedom about its general appearance that would suggest jest and youthful jollity even to a long established Institute grind. Verily it would be well for us could we but see life as she is taught at Ann Arbor.

But now the Lounger is reminded that when this sentence is ended, the space assigned to him for this week will be filled, so with due regards to the *Wrinkle*, he brings these furtive remarks to a close.



#### PASSION.

Storm on, bluster, angry gale!  
Roar and whistle, shriek and wail;  
Tear the limbs from off the trees!  
Break their mangled bodies! Seize  
Them in thy giant arms  
And hurl them far adown the vale!

For in my heart are wild commotions.  
Heaves my breast with fierce emotions.  
The angry passions in me swell;  
Ah, would I could my feelings tell!  
Ah, curse him! may all harm  
Be on him—he who stole my one umbrella!

—*Cornell Era.*

#### THE ENTHUSIAST.

He rooted for fair Harvard,  
And howled like mad for Yale;  
He now and then gave cheers for Penn.,  
In manner strong and hale.  
He'd yell, yell, yell for good Cornell,  
Nor strength of voice did lack,  
To shout and cheer when did appear  
The orange and the black.  
Whatever crowd he happened with,  
Or chanced to be beside,  
He'd cry for; no one doubted but  
That he was *bona fide*.

But, sad to say,  
'Twas found one day  
He was a "jumper" bold,  
And stood behind a counter, where  
He yards of ribbon sold.

—*Red and Blue.*

#### CUPID THE SPORTSMAN.

Young Cupid in these modern days,  
Has dropped his bow and arrow;  
He found himself behind the times,—  
His views were old and narrow.

And so when he goes out to hunt,  
And with a heart is battling,  
He settles matters quickly, for  
The youngster takes a gatling!

Oh, he's the sportsman of them all!  
To cite a simple reason,  
No game laws interfere with him;  
He's never out of season.

—*Williams Weekly.*



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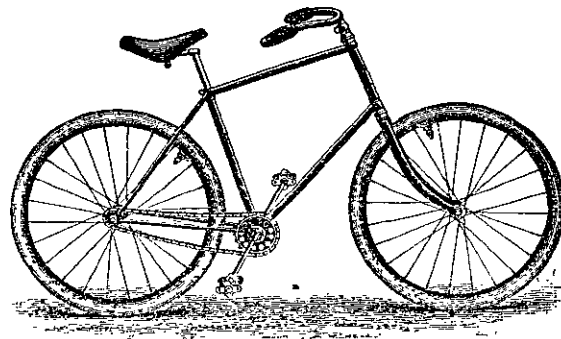
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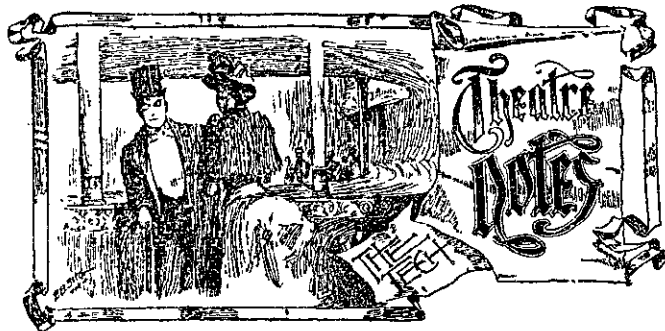
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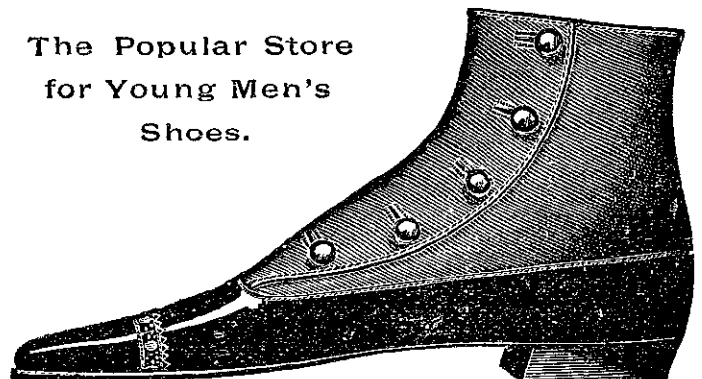
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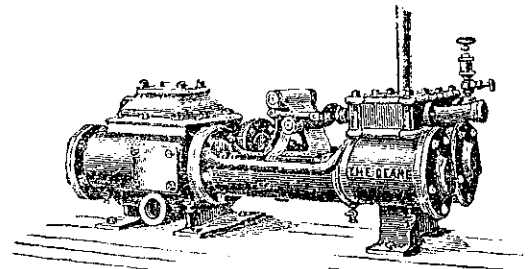
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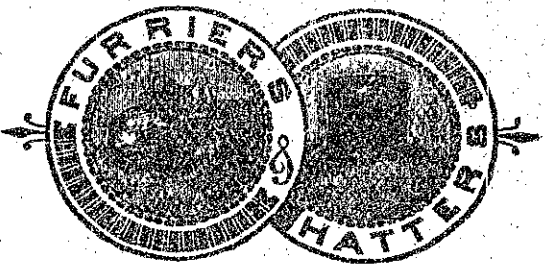
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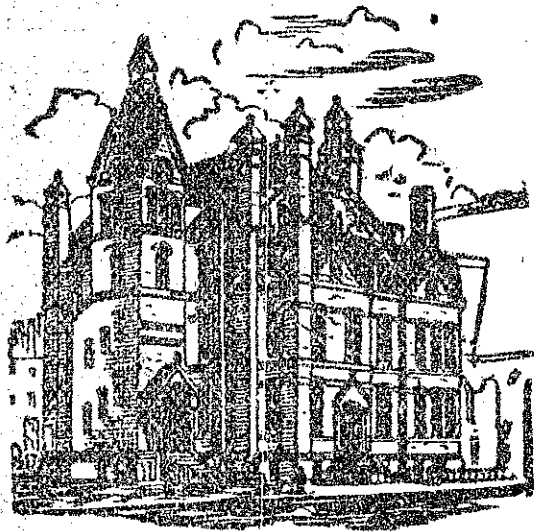
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