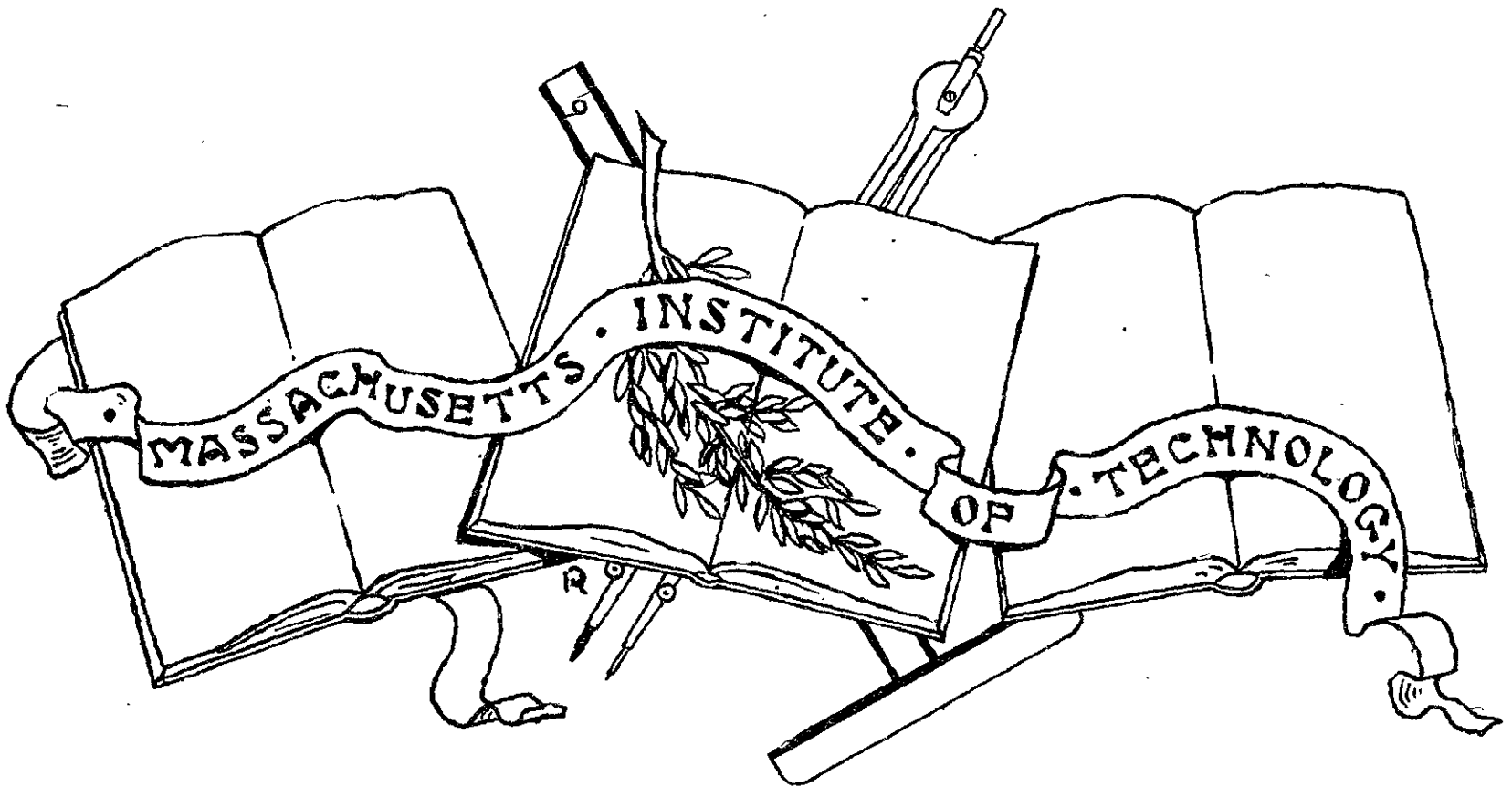
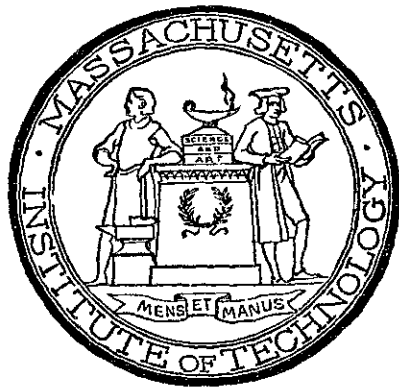




# THE TECH



BOSTON, MASS.

VOLUME XVI.

NUMBER 4.

OCTOBER 29, 1896.



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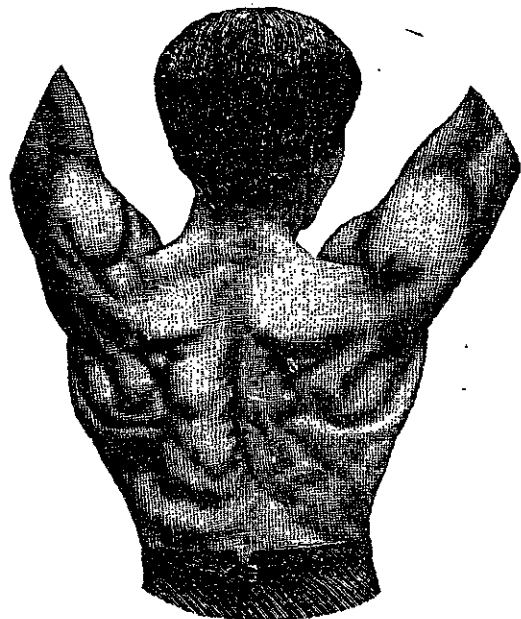
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# THE TECH

VOL. XVI.

BOSTON, OCTOBER 29, 1896.

NO. 4

## THE TECH

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

CHARLES-EDWARD AMORY WINSLOW, '98, *Editor in Chief.*

CLARENCE RENSCHAW, '99, *Assistant Editor in Chief.*

THOMAS EDDY TALLMADGE, '98, *Secretary.*

HARRY DRAPER HUNT, '97.

MORRIS KINNARD TRUMBULL, '97.

WARD WELLINGTON WARD, '98.

HAROLD WELLINGTON JONES, '98.

W. R. STRICKLAND, '98, *Business Manager.*

E. R. SHEAK, '99, *Ass't Business Manager.*

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.*

Entered in Post Office, Boston, Mass., as Second Class Matter.

ALL men at all acquainted with the condition of football at the Institute indorse the action taken last week in giving up the Football team for the rest of the season. There are not enough willing men at the Institute to put a team in the field. Captain Underwood has fought a good fight with his material, or lack of material, but the injuries of Ulmer and Emery and one or two other men make it impossible to go on to the harder games coming in the latter part of our schedule. Money has proved as scarce as men, and a continuance of the season would have meant a heavy debt for next year, while under the present circumstances the team next year can start in with a clear page. It was by no means a pleasant thing for the management to recommend disbandment, and they should be respected for their courage and honesty in doing so.

So much is plain, that without support the only sensible course is to give up the team. But why is it that the Institute has no spirit to support an eleven as well as a Track team? Is it because of lack of time? One training takes

no more time than the other. Is it, as some one has suggested, that Technology men lack the sand to play football? We hope not. We do not believe that the trouble lies primarily with Tech. men at large, but that there is some hitch in the system of the game itself. We do not for an instant blame the management of this year, for it has been more active than that of several seasons past. But we think that for years the policy of football has been sleepy and nerveless. With proper enthusiasm and push, men could be got out for the 'varsity just as they are got out for class teams. The Institute should be canvassed and new men encouraged to try, and the players in the entering class from various school teams sought out as they are at Harvard. We hope that after this season's rest a new policy may be inaugurated next year.

IT is most earnestly hoped, by all in charge of the Intercollegiate Parade both here and at Harvard, that there will be no rushing between the colleges. This affair, unlike those of the past, is entirely a college one, and the whole project would be broken up by fighting between the divisions. Again we stand in a prominent position on that night, not as larking boys, but as college men, as voters or future voters, demonstrating the position of an important class in the community on a great public question. Any disturbance would furnish excellent material to our friends of the daily press, always so ready to carp at collegiate training. Finally the jealous ill will displayed by some Institute men toward Harvard should be frowned down by Technology as a whole. The relations between the institutions have been cordial of late years, only disturbed at times when, after repeated courtesies from

Harvard men and organizations, certain of our students have distinguished themselves by going to one of her football games and cheering for the opposing team. We hope to see courtesy repaid with courtesy, by friendly cooperation in the parade, and by our men rooting for the crimson in the Princeton game next week.

THE result of the games last week was quite encouraging, especially in the number of new men developed. The work is just beginning, however, and unceasing effort only can bring another intercollegiate banner to Boston. Several of the colleges, and notably Bowdoin, should have star teams, and Technology is still weak in the field events. With a continuation of the present enthusiasm, and with faithful training on the part of all the men, we can, however, look forward with good hope to the result.

We are glad to see that Captain Grosvenor is ignoring the hint thrown out in the *Boston Journal* of October 17th, presumably dictated by the Amateur Athletic Union. It ran something as follows: "It will be well for the M. I. T. A. C. to decline with thanks the generous offer of Col. Albert A. Pope of a bicycle to the athlete winning the most points during the year. The acceptance of such a prize would be a violation of the A. A. U. rules." Now, this A. A. U. does not at present, never has, and never will have any control whatever over college athletics. We have ascertained that none of the leading colleges even recognize the organization, and in gratefully accepting the offer of Colonel Pope, Captain Grosvenor has the entire support of Technology.

TOO much cannot be said concerning the interest shown toward contributing to "Technique." Although edited by representatives of the Junior Class, the fact seems to be overlooked by most under class men that this book is Technology's representative

annual, and that it should be treated as such. These books are eventually distributed over a very wide area of country, and stand before other college men, and before the world at large, as examples of what Tech. men can do in the line of art, literary work, and wit. The squibs, grinds, etc., which have made many a man famous for the remainder of his college course, are by no means the least important part of our annual. We are sure that the "Technique" of this year cannot be otherwise than a success, but it can be made a far greater success should a larger number of men co-operate with the editors as regards this department. Every man is able to do something in this line, and should make a special endeavor, during the next two or three weeks, in the shape of a poem, a rhyme about a man in his section, or even about a professor.

The editors have more than their full share of work, and so let every man try and help them out before it is too late. Technology has had a reputation for "grinds" in the past. Keep it up!

WE regret to announce the resignation of Mr. L. D. Gardner, '98, from the Editorial Board of THE TECH. Mr. Gardner has done faithful work on the paper for a year, and his loss will be felt.

Our brightest pearls we never find;  
Our ripest fruit we never reach;  
The fairest flowers of our mind  
Lose half their petals in our speech.

MARGARET KENNA.

#### Triolet.

He thought my style a graphic one,  
Quite good enough to take  
For model composition:  
He thought my style a graphic one.  
'And when his compliments were done  
(He'd lost his pen by some mistake),  
He thought my stylographic one  
Quite good enough to take.

### Discus Throwing.

THE latest addition to our list of field events is the throwing of the discus, taken bodily from the Greek schedule. The first discus made in this country was made this summer in the Tech. shops. Mr. John Graham brought over the dimensions.

The discus is a circular piece of *lignum-vitæ*, eight inches in diameter, centered with a brass plate about two inches in diameter and two inches thick. The wood slopes down from the two-inch center to a metal-bound edge about three eighths of an inch thick. Its weight is four pounds and one half. In throwing, the discus rests against the palm of the hand and on the end joints of the fingers, which are extended and separated. By quick, successive motions, the arm is extended its full length horizontally in the rear and swung in the arc of a circle horizontally to the front, where the disc leaves the hand across the little finger, horizontally, the hand being palm down during the swing. This swing is accompanied and reinforced by practically the same swing of the body and steps forward, as are used in putting the shot. The cast is made from a nine-foot circle. In an ideal cast the disc deviates but little from a horizontal line until its drop.

That the game is growing in favor will be seen in the light of the sudden rise in the record distance. Garret, of Princeton, at Athens beat all Greek records by a cast of 95 feet last spring. Sheldon, of Yale, on the 17th of last month, cast 111 feet 8 inches at the games of the Knickerbocker Athletic Club, on Columbia Oval, New York. This last is the record. Now Cunningham, an employee of the B. A. A., claims to be throwing the disc 112 feet every day. He further asserts that, stripped, he can make 120 feet or over.

A possible reason for the popularity of the game may be that it is not, like some, confined to big men or to light men. Good points for a "diskobolos," as the Greeks called him, are a long arm, long fingers (es-

pecially in the end joint), and good wrist and shoulder muscles; but even these do not give an insuperable advantage to their possessor.

It is very probable that this event will soon be in the Intercollegiate schedules, room for it being made, perhaps, by the long-talked-of omission of the walk, which is generally now a farce.

The good showing made by our men last Saturday is, therefore, encouraging for the future.

### Football.

A MOST important meeting in the interest of football was held last Thursday. That a general lack of enthusiasm exists at the Institute concerning football was evidenced by the small attendance. Mr. Noble, President of the Association, called the meeting to order, and asked for a report from the management.

Mr. Underwood made some plain statements concerning the team, saying that he considered it useless to attempt to finish out the schedule, in view of the fact that it was very difficult to get eleven men out for practice.

Mr. Lamb followed, his remarks being to the same effect as Mr. Underwood's. He said he had done all in his power to see the team through the season successfully, but with poor success.

Mr. Russ, Treasurer of the Association, reported upon the financial condition. He also advocated disbanding the team, and added that he thought if the management incurred no more debts, that the Association would be able to come out at the end of the season with a little money in the treasury.

Mr. Hunt, Mr. Fairbanks, and Mr. Rhodes also spoke.

Then the important question was put, "Shall Technology abandon football for the remainder of the year?" A rising vote was taken, and the motion was lost. A motion to reconsider was carried. On the next vote the original motion was carried, and the meeting adjourned.

### Fall Handicap Games.

THE first fall handicap games of the Athletic Club passed off very successfully. The day was cold and the track slow, but the records made were very fair, and the fine showing of the new men especially encouraging. The star performance of the day was Grosvenor's broad jump of twenty-two feet one and one-half inches, breaking the Technology record by over a foot, and the performance at Worcester last year by almost as much. Suter, Hall, Morse, and Bodwell, all new men, won their respective runs in good shape, and Hall also ran well in the Class team race. All the '99 men showed up well in this event, and captured it handily. Grosvenor lost his start in the 100 by a premature click of the pistol, and in the 440 could not quite catch Hubbard. Hubbard was not entered, however, and the run will perhaps be given to Grosvenor. In the discus throwing a record of ninety-three feet eight inches was established, which is within a foot and a half of the distance made at Athens. The pole vault was postponed, on account of darkness.

100-yard dash.—First trial heat: first, Gray, '97 ( $4\frac{1}{2}$  yds.); second, Dryer, '99 ( $5\frac{1}{2}$  yds.),  $10\frac{4}{5}$  sec.; second trial heat: first, Burch, '99 ( $4\frac{1}{2}$  yds.), second, Pugh, '97 (4 yds.),  $10\frac{2}{5}$  sec.; final heat: first, Gray, second, Burch, third, Pugh,  $10\frac{2}{5}$  sec.

Half-mile run.—First, Morse, '99 (25 yds.); second, Stebbins, '97 (scratch); third, High, '98 (35 yds.): 2 m.  $6\frac{4}{5}$  sec.

Mile walk.—First, Mayer, '98 (scratch); second, Allyn, '98 (20 sec.); third, House, '98 (40 sec.); 8 m.  $25\frac{2}{5}$  sec.

220-yard dash.—First, Hall, 1900 (15 yds.); second, Gray, '97 (10 yds.); third, Pugh, '97 (8 yds.); 24 sec.

Mile run.—First, Bodwell, '98 (35 yds.); second, Campbell, '99 (40 yds.); third, Hooker, '97 (scratch); 5 m.  $6\frac{3}{5}$  sec.

120-yard hurdles.—First, Rumery, '98 (3 yds.); second, Wentworth, 1900 (3 yds.);  $18\frac{4}{5}$  sec.

High jump.—First, Butcher, '98, 5 ft. 6 in. (2 in.); second, Ferguson, '99, 5 ft. 4 in. (scratch); third, Grosvenor, '98, 5 ft.  $2\frac{3}{4}$  in. (2 in.).

440-yard dash.—First, Hubbard, '98 (12 yds.); second, Grosvenor, '98 (scratch); third, Morse, '99 (12 yds.);  $55\frac{3}{5}$  sec.

Broad jump.—First, Grosvenor, '98, 22 ft.  $1\frac{1}{2}$  in. (scratch); second, House, '98, 21 ft.  $3\frac{1}{2}$  in. (2 ft.); third, Butcher, '98, 20 ft. 8 in. (8 in.).

Shot put.—First, Jones, '98, 36 ft. (scratch); second, Kimball, '99, 35 ft.  $8\frac{1}{2}$  in. (2 ft.); third, Mayer, '98, 33 ft. 7 in. (4 ft.).

2-mile run.—First, Suter, 1900 (200 yds.); second, Osgood, '97 (60 yds.); third, Rumery, '98 (scratch); 11 m. 31 sec.

Discus throwing (scratch event).—First, Jones, '98, 93 ft. 8 in.; second, Field, '97, 75 ft. 2 in.; third, Ferguson, '99, 74 ft. 2 in.

Team race.—Ninety-nine, first, Sawyer, Burch, Dryer, West; '97, second, Gray, Field, Pugh, Stebbins; '98, third, House, Mayer, Nolte, Grosvenor; 1900, fourth, Hall, Emery, Wentworth, Priest.

'Ninety-eight had eight firsts, three seconds, and six thirds; '97 had one first, four seconds, and three thirds; '99 had one first, four seconds, and two thirds; 1900 had two firsts and a second.

Officials.—Referee, Mr. Howe, D. C. A. A.; judges at finish, Russ, '98, Allen, '97, Beers, '97; timers, Mr. Boos, Hurd, '96, Cummings, '96; clerk of course, Ilsley, '97; assistants, Johnson, '98, Dater, '98; field judges, Ulmer, '98, Twombly, '98; measurers, Churchman, 1900, Wadsworth, '98; starter, Bowler, C. B. A. A.; announcer, Willis, '98.

### M. I. T., o; Tufts, o.

THE Tufts game was characterized by a good deal of "kicking," and was altogether most unsatisfactory. Tech. was greatly weakened by Ulmer's inability to appear, on account of a badly injured shoulder.

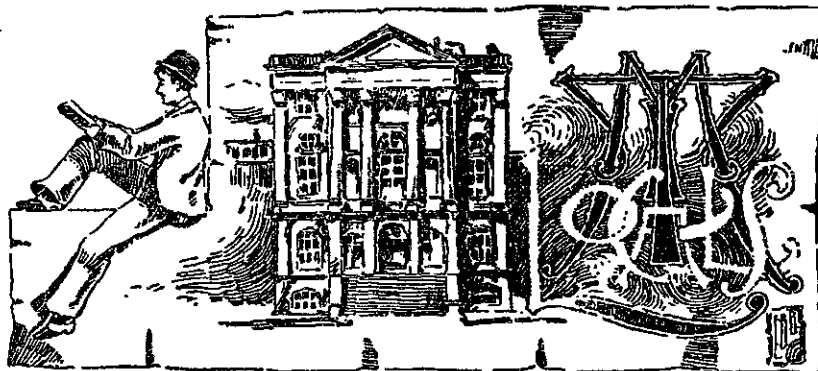
Tech. had the kick-off, and Underwood sent the ball to Tufts' 30-yard line. Tufts immediately got it back to the center of the field by sharp rushing. Here Tech. was given the ball for holding. Sanchez was thrown, with a loss of 5 yards. At this point the Tufts' captain thought it necessary to "kick." He objected to Mr. Delabarre's acting as umpire. Captain Underwood saw no reason why Mr. Delabarre should not be allowed to continue. Finally the Tufts' man agreed to allow Mr. Delabarre to umpire for the first half.

The ball was again put in play near the center of the field, and Sanchez and Emery made good gains to Tufts' 30-yard line. Here Tufts got the ball, and by a brilliant rush made 30 yards, the longest run in the game. Emery made a beautiful tackle, and dropped the man on the 45-yard line. Tufts soon made another run of 25 yards, bringing the ball to Tech.'s 20-yard line. Underwood punted outside. Tufts worked the ball back to the 20-yard line, and time was called. Score, M. I. T. 0; Tufts 0.

The first half consumed so much time on account of the disputes and injuries to the players that it was fairly dark when the second began. In the second half the ball was in Tech.'s territory most of the time. Toward the end of the game Tufts made gains rapidly, on account of the darkness, and it looked as though she would score; but Tech. held desperately, and the half ended with the ball on the 7-yard line. Score, M. I. T. 0; Tufts 0.

Before another game is arranged with Tufts some better understanding should be arrived at which will prevent the constant wrangling which marred the game last week, and which caused our eleven to leave the field last year.

The line up was as follows: c., McCormick; r. g., Schmidt; l. g., Worcester; r. t., Osgood; l. t. Nesmith; r. e. Le Baron (Hopkins); l. e., Hopkins (Heckle); q. b., Mansfield (Walter); h. b., Emery, Sanchez (Le Baron) (Mansfield); f. b., Underwood.



Freshman: "Miss Stinson, can you tell me where to find some alimony?"

Mr. Chas. F. Park, Instructor in Mechanical Engineering, who has been ill with typhoid fever, is again in charge of his classes.

Mr. L. Arnold, '98, is taking drill with the Freshmen this year for the third time. He is now Quartermaster of the battalion.

The picture of the delegates to the annual convention of Delta Upsilon Fraternity was taken Friday afternoon, October 23d, on the steps of Rogers.

Professor and Mrs. Lanza were at home to the Fourth-year men of Courses I. and XI. last Wednesday evening. These little gatherings are proving very delightful.

Several reports are circulating that a Free Silver Club is about to be formed at Technology. There seems to be the best of a chance for all the members to become officers.

Mr. Daniell, '97, Course XIII., and Mr. Packard, '98, Course VI., through the courtesy of General Hyde, secured positions and worked during the summer at the Bath Iron Works, in Bath, Maine.

The Class of 1900 held a class meeting Tuesday, October 20th. The members present signed the constitution, and decided to have the election of class officers occur Thursday, October 29th.

At the last meeting of the Biological Journal Club Dr. Weyssse read a paper upon "The Naples Zoölogical Station." Dr. Hough also read one upon "The Physiological Function of the Rods of the Retina."

At a recent meeting of the Chicago Club, Mr. Harahan was chosen to succeed Mr. Grey on the Executive Committee, as Mr. Grey is not back this year. The first dinner will be held November 14th.

Mr. H. W. Ballou, of Course I., '97, has returned to school once more. Mr. Ballou suffered from a severe illness during the latter part of the summer, and has just regained sufficient strength to resume work at the Institute.

At a meeting of the Cincinnati Club held Tuesday, October 20th, the following officers were elected for the ensuing year: President, E. R. Motch, '97; Vice President, J. T. Lippincott, '98; Secretary and Treasurer, W. H. Lee, '98.

The following men compose the Banjo Club: Banjeaurines, F. B. Perry, '98, H. R. Clapp, 1900, A. K. White, '99, W. Scott, 1900; banjos, F. M. Blake, '98, C. D. Brown, '98; guitars, R. De Golyer, '98, B. P. Hazlettine, '99, L. Addicks, '99.

The Mandolin Club is composed as follows: Mandolins, A. E. Robinson, '97, J. E. Hazlettine, '98, W. H. Sutliff, '99, M. W. Hall, 1900, T. R. Weymouth, '97, P. R. Brooks, 1900; guitars, R. De Golyer, '98, G. R. Wadsworth, '98, L. Addicks, '99.

The new Rotch prizes were awarded for the first time this year. They consist of two awards, each being the income of \$5,000, for the graduate and the special student holding the best record. Miss Esther Stone, '96, and Mr. Russell W. Porter are the recipients of the prizes.

The membership of the M. I. T. Sextette is as follows: 1st violin, S. W. Hussey, 1900; 1st violin, S. A. Neidich, '98, Leader; 2d violin, W. A. Cleaveland, '98, Manager; viola, F. B. Stearns, '99. There are several applicants to play 'cello. No selections have been made as yet.

The following officers of the Senior Class were elected last week: President, Wilfred Bancroft; First Vice President, F. H. Le Baron; Second Vice President, G. H. McCarthy; Secretary, J. A. Collins, Jr.; Treasurer, E. M. Hawkins; Executive Committee, A. C. Lamb and T. R. Weymouth.

The new officers of '98 are as follows: President, G. R. Wadsworth; First Vice President, A. W. Grosvenor; Second Vice President, J. Nolte; Treasurer, D. Mayer; Secretary, H. I. Lord; Executive Committee, L. Alland and H. W. Jones; Institute Committee, G. A. Hutchinson and R. S. Willis.

The Class of '99 held its first meeting for the present year last Friday. Messrs. West and Burch were elected Captain and Manager respectively of the Track team. A committee, consisting of Messrs. Copp, Blake, and Corse, was appointed to consult with a similar committee from 1900 in regard to the holding of the cane rush and football game.

We are glad to see that the spirit of progression has taken possession of the gymnasium classes this fall. Although it has been usual each year for Instructor Boos to start in a fair-sized class on the chest weights, this year it is larger than ever before, and the men are taking an interest in general "Gym." work, from which they will undoubtedly reap much benefit.

On the evening of Saturday, November 7th, the Technology Club is to hold its next meeting. Prof. A. E. Burton is to give a Smoke Talk on his "Experiences with Lieutenant Peary in the Far North." Professor Burton while on this trip collected many rare specimens in the way of clothes, canoe models, etc., which will be of great interest, and will aptly illustrate his talk.

On Wednesday and Thursday of last week, sections of Course I., '97, students in "Hydraulics," took trips to Lowell, where they measured the discharge of two of the flumes.

Two methods were used,—those of tube float and submerged float measurements. After the exercise was over, some took a walk up the river to inspect the dam and regulating works of the water power of Lowell.

The Technology Band, under the leadership of Taylor, '97, is rapidly acquiring skill in the rendering of its selections; while the Bugle Corps, consisting of several men from each of the classes at the Institute, about twenty in all, is practicing under the directions of Beers, '97. We may feel assured that at the time of the Intercollegiate Parade, on Friday, October 30th, Technology will be duly and creditably represented.

A number of Course I., '97, men took a trip with Mr. McKibben on last Friday to the Boston Bridge Company's works in Cambridge. Here they saw different types of steel bridges in process of construction, among them being the box girder bridges which are to be put over the N. Y., N. H. & H. R. R. at Centre Street, Green Street, Prentiss Street, Old Heath Street, and at Station Street. These are all about fifty feet in span, each girder weighing about twenty-five tons.

Students interested in industrial chemistry should consult the July number of the *Journal of the British Society of Chemical Industry*, which contains the annual address of Mr. Thomas Tyrer, president of the above-mentioned society. The address is in the form of a comprehensive review of the progress of chemical industries during the last ten years, also of the increased education along these lines, mentioning our Institute as one of the foremost in equipment for research in chemistry. The journal is on file in the Chemical library.

The large compound Marsh pump which was loaned to the Engineering laboratory until last June, has recently been removed, having been sold by its owners. This pump had a capacity of six hundred gallons per min-

ute, and by combining it with the Blake and Deane pumps, sufficient water could be obtained to carry on the work in hydraulics on a large scale. Its loss will be severely felt, especially in this work, but it is hoped that arrangements may be made with the Holyoke Machine Co. whereby a large rotary pump may be secured to take its place.

The No. 1 Babcock and Wilcox boiler situated in the basement of the Rogers Building, and used with others for supplying heat and power for the Rogers and Walker Buildings, has been equipped with a Hawley down-draft furnace, thus making it possible to use soft coal without producing the amount of smoke usually given off when soft coal is burned. It is expected that the saving thus effected will more than pay for the cost of the furnace. Tests will be made this year by the Seniors on this boiler and the No. 3 boiler, which is exactly the same with the exception that it is fired with hard coal, to determine the evaporation and relative efficiency.

An interesting wheel trip was made at the close of last term by Mr. Granville Smith, '98. He rode from Boston to his home in Washington, D. C., a distance of five hundred miles. After leaving Boston he spent the first night at Warren, Mass. At Hartford he was detained a day and a half on account of rain, and for this reason he traveled the next fifty miles, to Bridgeport, by rail. From here he stopped at New York, Trenton, Kenneth Square, Penn., and Fork, Md., reaching Washington in seven days and a half. He describes the roads over which he traveled as follows: Boston to Philadelphia, good; Philadelphia to Baltimore, fair; Baltimore to Washington, very bad.

The Society of Arts met last Thursday in 11 Rogers, to listen to a paper by Professor Homer on "The Bicycle Tour through Surrey, Normandy, and Touraine, made by the Summer School of Architecture." The experiment of holding the School in Europe instead of

among the colonial buildings of New England proved a happy one. Professor Homer detailed the progress of the trip from the time the two sections, which sailed early in June, met in London until the expedition closed at Versailles. The lecture was illustrated profusely by photographs of buildings and bits of detail, leading up from the Norman and early Gothic architecture, through that of the time of Francis I. to the richness of the Renaissance. Many of the pictures, in a lighter vein, mirrored the mishaps of the bicycles on the French flinty roads, and that of Bradley exchanging courtesies with a goat was received with particular enthusiasm.

Two Y. M. C. A. Bible classes for this year are announced. One course will be a series of studies in the life of St. Paul, conducted by W. C. Ewing, '97, who has spent a great part of the summer in preparation. D. L. Moody, the noted evangelist, has consented to the use of his map, "Paul's Tours," for this class, and the text-book used is by W. H. Salmon, of Yale. All upper class men will be welcomed to this course. The second course will be on the life of Christ, and all members of the entering class are invited. Intercollegiate Secretary Fisher will conduct this class, and intends to make it a very informal gathering. Robert E. Speers's book on the subject and weekly outlines furnished by Mr. Fisher will form the basis of study. The first course will be given at 8 A. M., on Tuesday, and the second at the same hour on Wednesday. The regular weekly meetings of the Association have been changed to 8.20 A. M. on Saturdays, to accommodate men who have noon lectures.

#### The Intercollegiate Parade.

THE prospects for the parade are booming. Eight hundred men from Technology will turn out; and, beside the colleges about Boston, Brown and Amherst will possibly be represented. Arnold Scott, of Harvard, has

been chosen Marshal-in-Chief. Arthur Brewer will be Chief Marshal of the Harvard division, and Ben Hurd of the Technology division.

The parade will form in front of the Vendome about eight o'clock on Friday night, and its course will be as follows: Commonwealth Avenue, Massachusetts Avenue, Columbus Avenue, Dartmouth Street, Boylston Street, Arlington Street, Beacon Street, School Street, Newspaper Row, to Adams Square, where it will disband. Senator Lodge has been asked to review it as it passes his house on Beacon Street.

The costume for the Tech. division is a cap and gown of the college colors. These were to be on sale Wednesday and Thursday in the General Library, Rogers. No one will be allowed to march without one. A rehearsal will be held this afternoon in Newbury Street, and everybody, except those going in drags, must turn out to get their positions in line. All transparencies for the parade must be submitted to the committee, consisting of Washburn and Humphries, '97.

#### Walker Club.

FIRST meeting of the Club for the year was held in 42 Rogers, October 20th. Harry D. Hunt, '97, presided, and E. M. Curtis, '98, officiated as Secretary. The officers of the Club for the ensuing year are: Executive Committee, M. H. G. Pearson, G. H. McCarthy, '97, E. M. Curtis, '98, E. R. Sheak, '99; Secretary and Treasurer, Chas. W. Bradlee, '97. It was voted that the Club give a play in Junior Week, and the Chairman appointed the following committee, to whom any play entered in competition must be submitted before December 1st: Mr. Pearson, C. W. Bradlee, '97, and E. M. Curtis, '98.

#### A SORROWFUL SILVERITE.

He sadly gazed at his hogs and heifers,  
As the Kansas zephyrs toyed with his peffers.  
Then he swore a "gold dern" at the innocent sod  
Because it was covered with *golden-rod*.

—EX.



Twenty-five dollars has been given to the Athletic Association by a prominent member of the Faculty.

In the recent games of the Princeton Athletic Association, Kilpatrick, the holder of the world's record for the half mile, ran the distance in the phenomenal time of 1 min. 57 2-5 sec., breaking the Princeton record by two seconds.

About thirty candidates have appeared for the 1900 Football team. Among the men trying for the team are Ober, Leatherbee, Tucker, Grant, Gauss, Hurd, Stuart, Leonard, Tuck, Roberts, Whitestone, Hammond, Paget, Weeks, Silverman, Moller, and Millet.

In the summary of the outdoor games held last spring, printed in No. 2 of the Tech., the mile walk was omitted. Durand Mayer, '98, won the event in 8 min. 2 sec., which broke the Tech. record. Allen was second. Pugh, '97, and not West, '99, was second in the 440.

The Class of 1900 Football team, after some days of good practice, elected on Thursday, October 22d, their permanent captain. Mr. W. J. Paget, formerly of the Boston English High School, was chosen. Mr. Paget has the hearty support of his team and promises good work.

Monday, the 19th, on Irvington Oval, there were practice races by the Track team candidates. The winners were: 100-yard dash, Burch, 1st, Dryer, 2d, time, 11 1-5 sec.; ¼-mile run, Stebbins, 1st, Grosvenor, 2d, time, 57 sec.; 1-mile run, Hooker, 1st, Bodwell, 2d, time, 5 m. 18 sec.

#### Alumni Notes.

'82. In a letter received from Mr. Walter B. Snow, Course II., the following is of interest to his classmates: "Mr. Harry G. Manning, Course II., '82, has severed his connection with the Eames Vacuum Brake Co., and now holds the position of Mechanical Engineer with the Simonds Manufacturing Company, of Fitchburg, Mass." The Class of '82 has reason to be proud of the energetic and progressive part which one of its members, Mr. James P. Munroe, Course II., has taken in connection with the Alumni Association and the newly formed Technology Club.

'87. H. Judson Tucker, Course I., died of typhoid fever in Denver, Aug. 17, 1896.

'88. Mr. Arthur Lisdale Bradlee was married to Miss Gertrude Bemis, of Boston, on Monday, October 19th.

'92. Stephen Bowen, Course II., was married to Miss Rose, of Dorchester, on September 14th.

'93. Mr. H. A. Richmond, Course II., vice president of his class, has been elected treasurer of "The Ball Bearing Co.," of Watson Street.

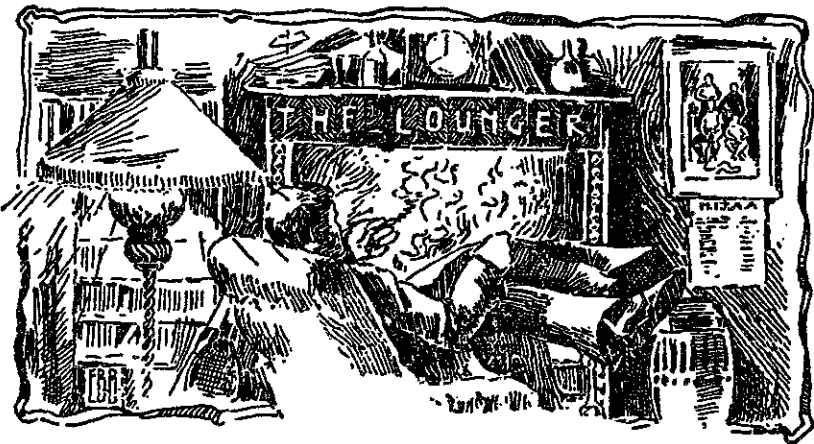
'94. Miss H. T. Gallup has accepted the position of Chemist with the Eastman Kodak Company.

'94. William H. Bovey, Course VI., and Miss Lyman, of Minneapolis, were married on August 12th.

'96. Mr. S. A. Carey has just returned for a short visit from Cape Town, where he holds a government position.

'96. Mr. T. W. Smyser has accepted the position of instructor in Mechanical Engineering aboard the training ship Enterprise.

'96. Of last year's graduates, returns have been received that one hundred and twenty-five are now located in positions, nine are graduate students at Technology, Harvard, etc., and the remainder have not yet been heard from. Dr. Tyler has sent out notices to the delinquents, so as to have the list complete.



THE Lounger, led by his enthusiasm for the higher education, under whatever form it may be manifest, has occasionally visited our sister institution upon the upper portion of the placid Charles, yclept Wellesley. A week ago last Saturday he was fortunate enough to arrive there in time for an inspiring political demonstration, calculated to strike awe to the heart of those who look to see the ballot added to the more deadly weapons of the fair. The occasion was a rally in the interest of gold and Republicanism, and the scene was the big barn on the college campus. When the Lounger edged modestly into the large, dimly lighted room he was almost stunned for the moment. The whole place was filled with cheering votaries of Minerva, armed with chafing-dish covers, coffeepots, fire irons, and everything that the miscellaneous stock of a hardware store produces. Transparencies abounded; and one detachment from the scholastic shades of Austin Cottage bore the classic legend, "16 to 1—Nit." The inspiring strains of the tinware were at last hushed, and the chairman and other speakers strove mightily for the gold standard and the national honor. The Lounger could not but wish that Mr. Bryan had been there, for if he is at all like other Boys, he could not have resisted such eloquent appeals from such rosy lips, such convincing arguments, and such dancing eyes. Suddenly, however, into the midst of the scene of orderly debate, enter two tall damsels of Kentucky, bearing a banner inscribed to Palmer and Buckner, and proceed to introduce themselves as follows:—

"Who, who, who are we?  
Anybody but McKinley.  
Hoo! Rah! Rats! Rats!  
We are Palmer Democrats!"

In an instant all was changed. The Palmer banner was suddenly downed, and a "scramble" (Wellesleyan for free fight) ensued for its possession. Several Bryan lassies added their voices to the chorus

and all over the hall pandemonium reigned. Finally, however, the balance of power was once more restored; the recalcitrants were unceremoniously ejected through the window, and Woman proved once more her power to conduct public affairs in an orderly and seemly manner. Finally the ringleted politicians formed a torchlight procession and marched over the campus to the inspiring music of the Teapot and the Sugar tongs. Even after they had passed from view the Lounger could still hear them chanting through the night from the work of some youthful Sappho,—

Poor old Bryan,  
It's no use tryin';  
You can't beat McKinley and gold.

Alas, that the day of the ellipsoidal pigskin has come thus untimely to an end! The gridiron follows the diamond into nothingness, and leaves only the cinder track to solace our sportsmen, and enable them to cultivate the pleasures of hope. The Lounger regrets exceedingly the loss of his Wednesday afternoon's amusement, and in especial the curtailment of his annual trip to Providence, where truly are stored certain old vintages of a rare excellence. Nevertheless, it was wise to stop just at this stage, if at all. Hitherto our doughty knights of the shin-guard and the nose-protector have had to struggle with prep. school teams and sundry minor collegiate bodies; but in the latter portion of the schedule appear the names of more redoubted adversaries who would probably have broken our precedent by not contenting themselves with a tie.

The Lounger has a friend, a Freshman. All Freshmen are his friends, but this one in particular from family intimacy at home. This youth recently obtained a commission granting him authority among the sons of Ares, yclept the Technology Battalion, and with beaming countenance brought it to the Lounger for admiration. The Lounger did duly admire and gaze with holy awe upon the sacred object, for the symbols of power and authority have had, for him, always the deepest impressiveness. Nevertheless, he could not but reflect that should some bold, bad person, bent upon insurrection, wish to contemn the authority of the instrument in question, he might find good grounds. A commission coming into effect on the — day of —, and signed under the "seal of the Institute," such seal being of a purely figurative and imaginary character, is at least open to the charge of a slight indefiniteness.

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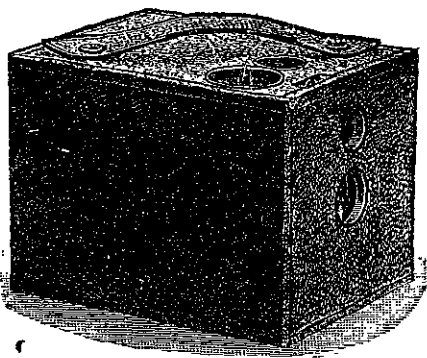
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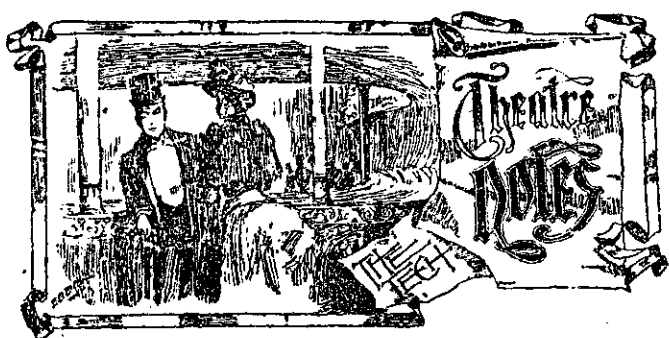
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Week beginning November 2d, 1896.

**Boston Museum.**—The last week of "The Two Little Vagrants" opens November 2d. This we announce with regret, as this has been one of the Museum's greatest attractions of the season. Owing to the immense crowds and inability to accommodate the demand for tickets, effort has been made to extend the engagement, but this one last week is all that could be secured.

**Hollis Street Theatre.**—Charles Frohman's Empire Theatre Co. are playing to crowded houses at the Hollis. This week "The Benefit of a Doubt," by Pinero, has proved a phenomenal success. Viola Allen, as leading lady, has again taken us by storm. Next week the company are to present Clyde Fitch's "Bohemia," and "Liberty Hall," "Marriage" and the popular "Sowing the Wind."

**Tremont Theatre.**—The best talent from Koster & Beal's are at the Tremont, delighting the Boston audience, this week. Cissy Fitzgerald is attraction enough to fill any one theatre, but she is

reinforced by artists and popular novelties which are making the week a sensation. Beginning Nov. 2d, Fanny Rice opens an engagement with her latest success, "At the French Ball," which is sure to pack the theatre to the doors.

**Castle Square Theatre.**—That charming little opera "The Pirates of Penzance" is to continue for this week at the Castle Square, and November 2d Boston will again be treated to a week of "The Mikado," which this company presents in an extraordinary way. Not only are the characters well taken, but from an artistic standpoint, the scenes are the most beautiful ever witnessed.

**Boston Theatre.**—Miss Fanny Davenport will be at the Boston Theatre for a limited engagement, beginning November 2d; the play to be given is Sardou's play "Fedora." This is the character which made Miss Davenport famous, and is a character in which she is most welcome to lovers of the theatre.

**Park Theatre.**—There is no doubt about the Park Theatre being crowded from pit to dome next week, as Charles Hopper in "Chimmie Fadden," with the original New York company, is to make his debut in Boston.

**The World's Food Fair.**—At the World's Food Fair, Mechanics' Building, the management has on exhibition the Zooscope, the latest of all improved life-size animated photograph machines. New and beautiful colored scenes are being shown, and the new aspirant for motion-picture honors is drawing forth considerable well-merited praise from the vast crowds which flock to the art gallery.

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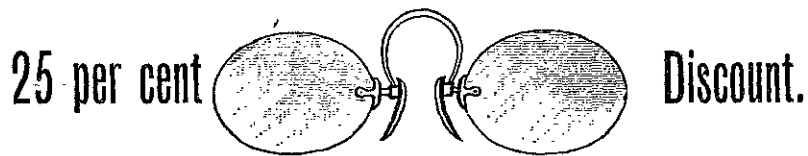
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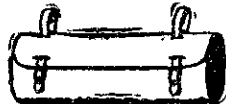
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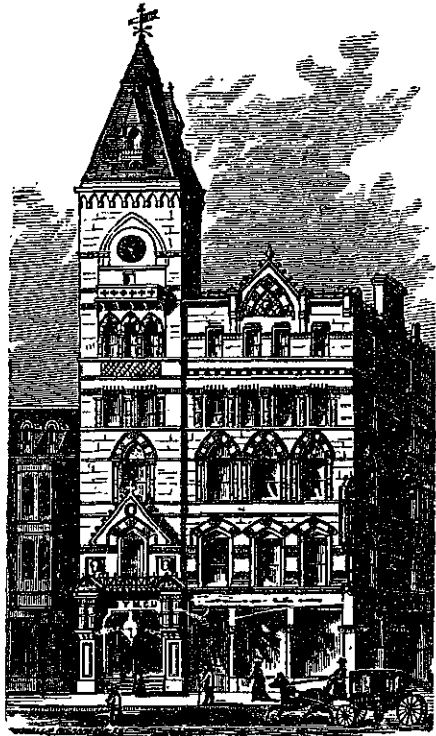
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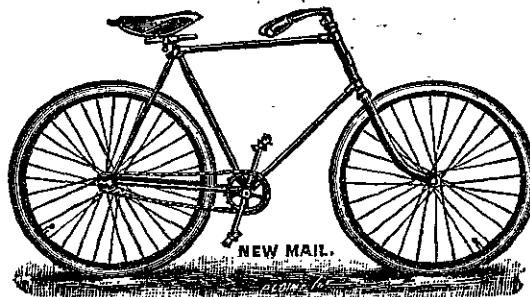
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