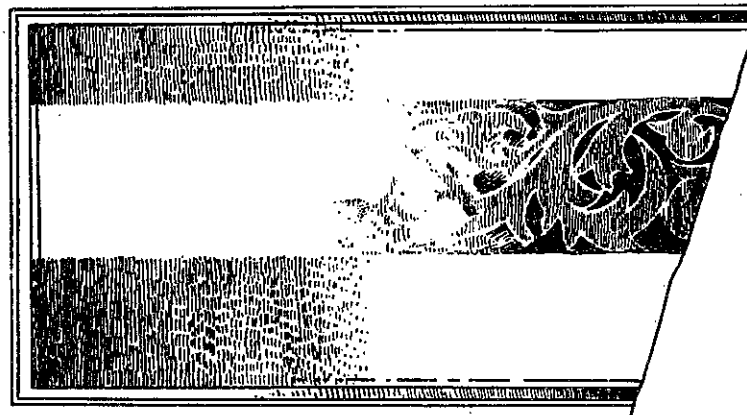


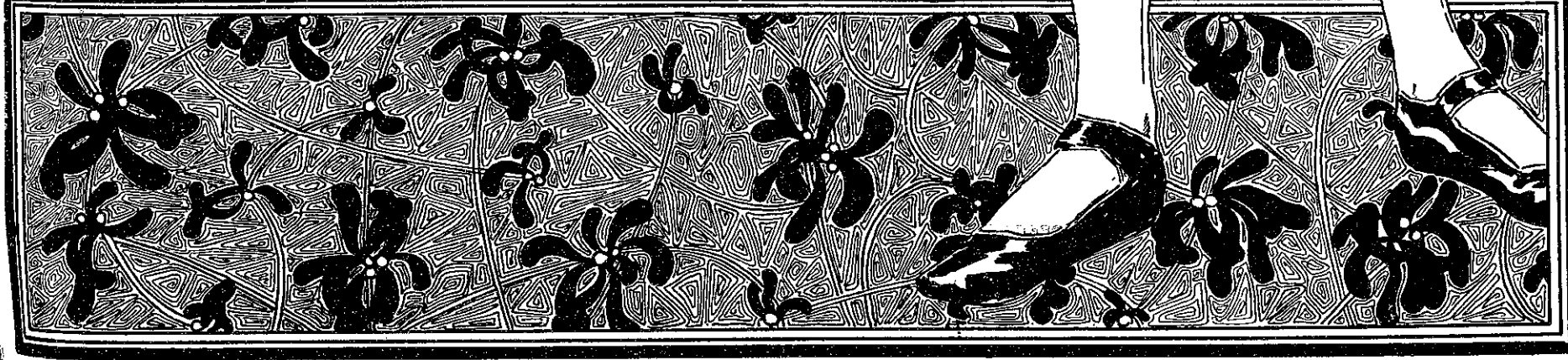
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ON
EARTH
GOOD
WILL
TOWARD
MEN

THE **TECH**



1898

**CHRISTMAS
NUMBER**



THE TECH

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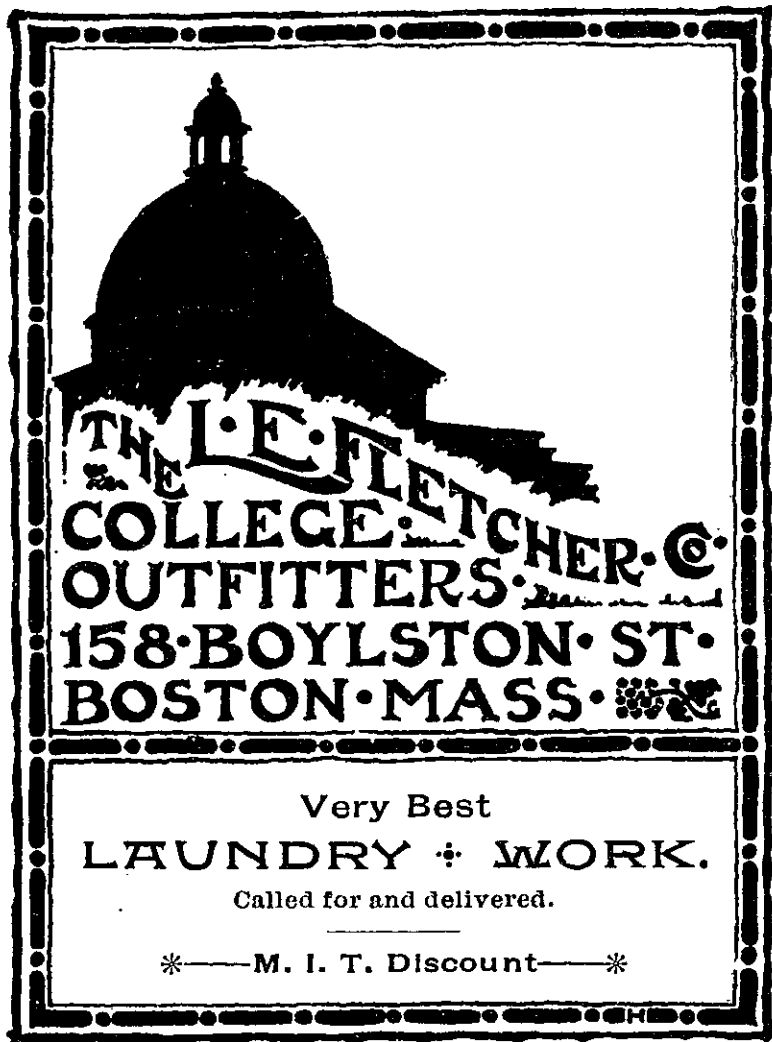
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THE TECH

VOL. XVIII.

BOSTON, DECEMBER 22, 1898.

NO. 12

THE TECH

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

MORGAN BARNEY, 1900, *Editor in Chief.*

STANLEY G. H. FITCH, 1900, *Assistant Editor in Chief.*

PAUL RAYMOND BROOKS, 1900, *Secretary.*

CLARENCE RENSHAW, '99.

GUY PRENTISS BURCH, '99.

BERTRAM W. B. GREENE, 1900.

PHILIP COOMBS PEARSON, '01.

I. R. ADAMS, '02.

ELLIS FULLER LAWRENCE, '01, } *Art Editors.*
P. Y. DUNWOODY, '01, }
E. TOWNSEND HOWES, '01, }

EDWARD B. COOKE, 1901, *Business Manager.*

THEODORE W. BRIGHAM, 1900, *Assistant Business Manager.*

A. E. LOMBARD, 1902, *Assistant Business Manager.*

OFFICE HOURS:

Editor in Chief,

Saturday, 12-1 P.M.

Business Manager,

Saturday, 12-1 P.M.



THE second short respite from our routine work brings us to the realization that our first term is nearing its end, and that the grind for the "Semies" is fast approaching. But even the terror of a "double flunk" cannot detract from the enjoyment of our precious three days at Christmastide. The old saying, "Every moment is precious on a holiday," is nowhere so true as at Tech.; and as the weeks roll by, and our work becomes more and more defined, we feel its force more keenly.

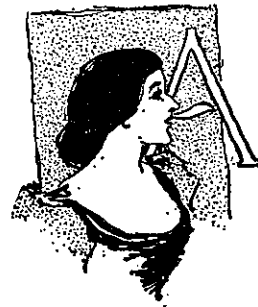
Even the most confirmed grind is compelled for the once to lay aside his books and join in the universal rejoicing of this holiday season, when "Peace on earth, goodwill toward men" is uppermost in every mind. In this senti-

ment THE TECH heartily joins, and wishes its readers the merriest of Christmases.



It has been one of the pleasant exceptions to the spirit of utilitarianism which pervades Technology which has led the Seniors to take some note of the passing of the old year and the beginning of the new.

Last year '98 met at the Technology Club and at midnight adjourned to the steps of Rogers, and there, with the Technology cheer, greeted the new year. Doubtless '99 will follow other classes in the observance of this ceremony, which is certainly worthy of becoming a time-honored custom.



At the Athletic Meet last Saturday night the lamentable lack of interest among the students in matters pertaining to track athletics was once more forcibly illustrated.

With a student body numbering over eleven hundred, barely seventy-five men were present at the Meet. The two lower classes, whose teams did the best work, were very feebly represented.

This is a disgraceful state of affairs for a college of Technology's size. Every man in the Institute would be proud to see our Track team win at Worcester in the spring. Yet, while such a victory is a distinct possibility, over nine tenths of the men do not take enough interest in the team to be present at the contests.

The Meet itself was very interesting. The absence of Burch, '99, and Garrett, '01, caused by illness, was greatly regretted, but

the other men did good work. The events were well contested, the times and distances were good, and, best of all, the showing made by the "Sophs" and Freshmen leads us to believe that, for two years at least, Technology will have worthy representatives on the track.



N last week's TECH, Mr. F. H. Briggs, '81, offered to the M. I. T. A. C. a cup "to be given to the member of the Class of 1902 who makes the best record in the open and closed games of the M. I. T. A. C. during the present year."

The purpose of the cup is to develop men who will be suitable for intercollegiate meets, and THE TECH trusts that this end will be attained. Indeed, the plan would be admirable if introduced in the other classes. Mr. Briggs' plan is a most practical means for developing able athletes in Technology. Apart, however, from the point of view of athletics, this generous act shows that the interest of our alumni in undergraduate affairs, however dormant it may be, is not dead. What Technology needs is the generous and active support of its alumni in undergraduate matters.



HE prizes offered by "Technique," 1900, besides showing the intention of the editors to make the book, which is to appear next Junior Week, as interesting from a literary standpoint as they are able, offers an excellent opportunity for bringing out the talent in the two lower classes. It is very desirable that this be done in order that "Technique" Boards may be chosen intelligently by those classes, and with some degree of certainty that the men selected have the ability to perform the particular sort of work required to produce a representative "Technique."

In this same connection we wish to call attention to the grinds and verse which have become such important features of "Technique." For the "grinds" the book is, in a measure, dependent on every man in the Institute. Otherwise the "gags" would be confined to a very narrow field, appealing almost exclusively to the Junior Class. So far, we understand, the present "Technique" Board has received very little outside aid. We trust that now that attention has been called to this, that all Technology men who are interested in seeing our book remain in the front rank of college annuals, will spend a few minutes now and then, in noting down the amusing things constantly occurring in the class room, or in working up a few hits on the little idiosyncracies of some classmate or jolly "prof." Contributions may be left in the black iron box in Rogers corridor.

The Technology Review.

THE *Technology Review*, the latest addition to Technology publications, will appear on December 30th. We have already, through the columns of THE TECH, called attention to this magazine; but as inquiry has elicited the fact that the men, as a rule, have no very definite idea as to what the *Review* is to be, we take this opportunity of giving an outline of the character of the magazine, and also a synopsis of the contents of the first number.

The *Technology Review* will be issued quarterly by the Association of Class Secretaries. It will be in no sense an engineering magazine, but will attempt to deal broadly with the problems of technological education, and the responsibilities of the professional man. It will be the aim of the editors to develop closer relations among Institute men, and to stimulate their interest in the work of the college. Each number will contain about eighty pages, exclusive of advertisements, and care has been taken to make it thoroughly attractive in appearance.

Over thirty-nine hundred circulars have

already been sent to the members of the Faculty, the instructors, alumni, etc., and it is intended to canvass for subscriptions among the undergraduates. The subscription price is \$1.00 per year; single numbers, thirty-five cents. Remittances should be made to the *Technology Review*, 71 Newbury Street, Boston. The *Review* will be on sale at Mac-lachlan's, and in Rogers corridor by the business management of THE TECH.

The frontispiece to the first number is a very fine reproduction of a portrait of President Crafts, and is itself well worth the price of the magazine. The following Table of Contents indicates the scope of *The Review* for January, 1899:—

PRESIDENT CRAFTS	<i>Frontispiece</i>
Announcement.	
The Function of the Laboratory	SILAS W. HOLMAN
President Crafts.	
The Pierce Building	E. B. HOMER
Reprints, in Fac-simile, of Early Institute Documents and Letters.	
A Page by GELETT BURGESS.	
<i>Departments:</i>	
The Institute.	
M. I. T. Publications.	
The Technology Club.	
Associations:	
The Alumni Association.	
Local Associations.	
Association of Class Secretaries.	
General Notes.	
Class Reports.	
Necrology.	

The Senior Dinner.

JUST ninety-nine members of the Senior Class assembled at the Hotel Vendome last Friday evening to celebrate their last undergraduate dinner. As it was only fair to expect, the occasion was in every way a fitting conclusion to a remarkably successful series of Class dinners, each of which has proved a little more enjoyable than the previous one. In the present case the accommodations were excellent, the dinner fair, and each man bent on having the most enjoyable time possible. A pleasing innovation was an orchestra which rendered numerous selections

throughout the course of the dinner. The menu cards bore a tasteful design by H. S. Graves, and for each course of the dinner, as well as each toast on the list, there was a suitable quotation. These, as a rule, were singularly appropriate, and seemed to have been chosen with unusual care. There were but five speeches upon the programme, these being interspersed with numerous vocal and instrumental musical selections.

Mr. Stebbins officiated ably as toastmaster, and drew largely from his usual fund of interesting stories. The postprandial exercises began with an address by the President, Mr. Hamilton. Following this were selections by the '99 Quartette—Messrs. Adams, Johnson, Pierce, and Paige. Mr. Renshaw then spoke on "Class Day," describing the programme, and telling of the magnitude and importance of the event. Messrs. Loomis and Paige next entertained the company with flute and piano, after which Mr. K. M. Blake quoted some "Reminiscences" regarding men and events prominent in the history of the Class. Several solos by Mr. Johnson received their usual tremendous applause, and when he had declined all further encores, Messrs. Addicks, Hazeltine, White, and F. M. Blake rendered several banjo and guitar selections. Mr. Hammond spoke ably and impressively on "Technology" and the duty of the members toward their Alma Mater. Messrs. Loring and Gillson then presented selections from various comic operas on violin and piano. Mr. Newell, under "Theses," suggested a number of subjects for men in the different courses, and the list was then closed by more selections by the '99 Quartette.

It was moved that the toastmaster express to Messrs. Burch and Robinson, who were both unable to be present through sickness, the regret of the Class at their absence and hopes for their speedy recovery. Various songs and stories were then sung and told, and soon, with cheers for Technology and the Class, the members separated.

**Massachusetts Institute of Technology.—
President's Report.**

PRESIDENT CRAFTS' annual report of the Institute was presented at the last meeting of the Corporation and will soon be ready for publication. The following abstract, beginning with a quotation from the Treasurer's report, was obtained for THE TECH through the kindness of President Crafts:—

The past year has been a remarkable one in the financial history of the Institute. More money has been received through bequests and gifts than in any previous year. Under the will of the late Hon. Henry L. Pierce \$750,000 have been paid to the Institute by his executors. This is the largest sum ever given to it by any one giver. In addition to this, the executors of the late Mrs. Julia B. H. James have paid over the very notable sum of \$140,500, this being also one of the largest gifts ever made to the Institute.

Mr. George A. Gardner, Esq., has generously given \$20,000 as a fund, the income from which is to be used in the payment of salaries, a matter where money is much needed. Ten thousand dollars has come from the late John W. Carter, and \$1,482.79 has been added to the large sum previously received from the estate of the late Mrs. Susan E. Dorr for the Rogers Physical Laboratory.

Besides these gifts to the Institute itself a traveling fellowship in the Architectural Department has been established by the will of Willard B. Perkins, M. I. T., '72. For this purpose the sum of \$6,000 has been given, the accumulated income from which is to be used every fourth year.

Forty thousand dollars has come from the estate of the late Mrs. Ann White Dickinson, the whole sum for scholarship purposes.

A friend has given \$500 to meet a special want, and \$200 has come from Mrs. William B. Rogers, to be used for periodicals.

This great increase in funds came at a time when it was very much needed. It at once led to the erection of the new fireproof building in Trinity Place, which is to bear the name of the late Hon. Henry L. Pierce. It has also made possible extensive changes and improvements in the old buildings.

It is expected that the Institute will receive \$400,000 from the will of the late Edward Austin. This amount appears to be restricted to scholarship and other similar uses. It will be highly appreciated, but

the great desideratum for the immediate future is accessions to the unrestricted funds. It is a fact not generally understood that the actual expense of instructing our students is, on the average, \$330 per year, while only \$200 is paid in tuition fees. The balance of \$130, including interest on permanent investments, land, buildings, machinery, etc., has to be met from the past and present Government and private benefactions.

The new Pierce Building above mentioned has already been described in the columns of THE TECH. Floor plans of that and of the Mechanical Engineering Laboratories will be printed with the President's report.

The report alludes to the fire which came so near being a very sad disaster and to the gallant work of the librarians, instructors, and students in saving the books and apparatus of the Institute.

During the past year we have lost by death two of the oldest members of the Corporation, Frederic W. Lincoln and John M. Forbes. Ex-Mayor Lincoln was a charter member. He served as Mayor of Boston for various terms, aggregating the greatest number of years ever spent in such service by any mayor of the city. His connection with the Corporation began with its organization, in 1861, and continued for thirty-seven years. Mr. John M. Forbes ceased to be a member of the Corporation some years before his death, resigning on account of pressure of business and growing infirmities. He was a member of the Finance Committee from 1866 up to the time of his resignation, and was of great assistance to the Institute, owing to his extensive acquaintance with the outside world. He was a generous contributor and a valuable adviser.

The total number of students is somewhat diminished this year, being 1,171 as against 1,198 last year. This loss seems to be due to several accidental causes; one, the very large graduating class which left the Institute last year, and another, perhaps, the fact that a smaller number of special students have entered the Biological Department, the rooms of which were not in readiness for occupancy at the beginning of the term. There is a loss of twenty-two women students in the Biological Department, and of twenty-seven in all departments, just the difference between this and last year's numbers. For the past four or five years our numbers have changed very little; we have prac-

tically held our own. Statistics recently published in regard to all Schools of Applied Science in this and other countries show that a maximum was reached in 1894, and that since that date the number of technical schools has increased while the number of students has decreased. The figures given do not allow of any very exact determination, but so far as published they show a very considerable decrease since 1894, so that, on the whole, we have been more fortunate than our neighbors.

The report goes on to say that such a pause as may be observable in the development of Schools of Applied Science is not due to lack of demand for skilled professional knowledge. All our experience seems to show that the demand is a constantly increasing one, and that where one man is sent out to take charge of any branch of manufacturing industry it frequently creates a demand for other men to take charge of other departments of the work.

The report notices with regret the departure of Captain Bigelow and bears testimony to his extremely useful services and the excellent condition in which he left the Military Department. Mention has already been made in these columns of Captain Bordman who succeeds him.

It has been found that seventeen undergraduates and sixty-one past students, as far as known, have taken part in the war. Their names are given in the report.

All through the reports from the different departments of the Institute come notices of the introduction of advanced studies in consequence of advanced entrance requirements, and the school is making continued progress toward a higher standard for its degree.

Another notable feature is the progress toward a greater subdivision of students into small sections in laboratories and the constantly increasing value placed upon laboratory work. During the past four years this movement has led to the appointment of eighteen new instructors, while the total number of students has remained about the same. If any one figure can be taken as a measure of the efficiency of a well-conducted school it is the ratio of the total number of students to the number of instructors in actual service. In the case of the Institute of Technology, without

counting lecturers, there is one instructor to every eight or nine students,—one of the very highest ratios in the United States.

The Departments of Civil and Mechanical Engineering, Naval Architecture, Architecture, Geology, and Industrial Chemistry have benefitted by the erection of the Pierce Building in increased space, better light, and particularly in having rooms especially designed to meet the wants of these departments.

COMMUNICATIONS.

TO THE EDITORS OF THE TECH:—

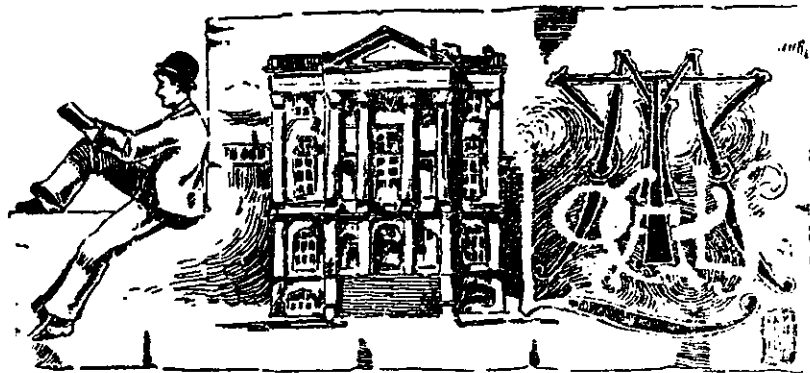
In a recent number of THE TECH there was a paragraph stating that new apparatus for physical measurement had been ordered for the Gymnasium. The new apparatus is a move in the right direction, but do the men realize the importance of physical measurement and examination?

Many take up the gymnasium work without knowing whether they have any physical weakness that requires a special exercise. Others, who have never passed a physical examination, take up training. Training for athletic contests requires strong lungs and a healthy heart. If either organ is not quite strong, training will increase the trouble, and the only way to determine whether one is fitted for training is by a thorough physical examination. Professor Boos is always willing to examine any one who wishes to train.

After this physical examination, training should be carried on under competent supervision, followed by a second examination. If he passes this second examination, he may continue with his training, but he should always watch carefully for the first signs of overtraining. Some of the signs of overtraining are a weak stomach, headache, disinclination to work, and general weakness. When any signs of overtraining appears, a person of experience should be consulted and work stopped. Too much care cannot be given to the training of athletes, especially beginners.

Training with an irregular heart or weak lungs may bring on serious trouble that may become incurable. On the other hand, almost all of these weaknesses may be permanently overcome by proper treatment and careful exercise, and it should be the aim of all physical work, whether training or gymnasium work, to build up a body sound in all its parts.

OBSERVER.



The management of THE TECH offers the remaining eighteen numbers of Volume XVIII, including the special Class-Day issue for \$1.50. Subscriptions should be made at once.

The design of H. S. Graves, '99, was chosen by the Committee for the Senior Dinner Menu.

On December 16th the Senior Class in Civil Engineering accompanied Professor Swain to Readville, where the present grade crossing is being removed.

The windows in the walls between Engineering A and Engineering B have been bricked up, thus adding much to the fireproof qualities of each building.

The general library is open evenings from 7.15 to 9.45. The electric lights are now all in place, the system of heating and ventilation is also complete. A few more books and periodicals have yet to be put on the shelves; but as a whole the library is now completely finished.

The Mandaman Club has elected the following members: T. M. Egan, G. Bright, Jr., P. R. Smith, E. H. Sturtevant, E. P. Turner, H. C. Turner, A. H. Ehle, G. T. Seabury, R. Procter, Jr., J. H. Horr, C. H. Kellogg, H. L. Green, T. G. Miller, R. B. Lane, C. G. Mixter, and H. J. Mixter.

At a largely attended meeting of the Walker Club, on Saturday evening, Professor Sumner spoke on the "Far Eastern Question," treating the general international situation. He showed the strong hold Russia is

getting on China by her transcontinental railroads. This system of roads will be complete in about six years, and then Russia will be able to mass troops and send supplies to the far East much quicker than any other power. She can then dictate the commercial relations of China to the world. This would certainly be a great blow to the merchants of the United States; to prevent which Professor Sumner proved that it is our duty to retain the Philippines, so as to offset this Russian domination by working in concert with England.

J. B. Laws, '01, has been elected business manager of the Minstrel Show, to be given by the Athletic Association the latter part of February or the first of March. The bringing out of this performance is under the direction of Mr. Henry J. Ballou, who will doubtless develop a witty set of end men.

B. H. Mendenhall, '02, recently met with an accident in the shops. The piece of iron on which he was working slipped from his tongs and struck his left eye, burning and cutting the lid severely, but luckily not injuring the eye itself. It was found necessary to take six stitches to close the cut.

Mr. Claude N. Patch, ex-1901, was back at the Institute last Friday meeting his friends. When the late war broke out he enlisted as a musician in the Sixth Massachusetts Volunteers. Since then he has seen active service in Porto Rico. He was unable to return with his regiment on account of sickness, but he is now almost well, and hopes to return to Tech. next fall.

At the last regular meeting of the Society of Arts, Prof. W. O. Crosby spoke on the "Geology of the Wachusett Reservoir." The lecture was illustrated by lantern slides showing the formation of the Nashua River valley. This valley was at one time a great glacial lake, with an outlet at the south. Consequently, one side of the hills consists of hard granite rocks, with a steep

slope; and the other side a long, low slope consisting of soft rock. These facts were taken advantage of in constructing the reservoir, and proved of immense aid to the engineers. At the meeting on December 22d, the entire evening will be devoted to the inspection of the Engineering Laboratories and the Pierce Building.

The December meeting of the Electrical Engineering Society was held on Wednesday evening, December 14th, in Room 22 Walker. Mr. Hayes, of the Bell Telephone Co., spoke on "Telephones on Shipboard," giving a highly interesting description of the modern methods of communication on large steamships. His address was illustrated by actual specimens of the transmitting and receiving apparatus used in the conning towers and engine rooms of the battleships of the United States Navy. He also showed and explained the use of the stadimeter, an instrument for determining the distance between two vessels, the manipulation of which is so simple and rapid that eight distances a minute may easily be observed. Mr. M. de K. Thompson and Mr. J. G. Coffin, of the Physical Department, were elected honorary members of the Society.

Announcement.

At the last meeting of the Board of Editors of "Technique, 1900," four prizes of five dollars were offered for the best class histories of each class at the Institute. The histories will be judged by the Board, which reserves the right to use any work submitted in the competition. Histories should be from one thousand to twelve hundred words in length, and written on one side of the paper only. The competition closes January 31st. Other details are posted in the "Technique" bulletin board, and further information in regard to the prizes may be had by addressing L. Stewart, '00, Editor in Chief of "Technique."



The notice of the Alumni is called to the Annual Dinner of the Alumni Association December 30th, at the Exchange Club.

'75. Mr. M. D. Burnet, III., is at present the superintendent of the Eastern Coal & Coke Co., at Webblitz, Miss.

'77. Mr. H. D. Hibbard, III., is engaged in the manufacture of burglar-proof safes and vaults in Plainfield, N. J.

'79. Mr. H. J. Howe, I., is an assistant engineer with the N. Y., N. H. & H. R. R.

'82. The present address of Carrie Rice Clark is Care of Ford's Hotel, Phoenix, Arizona.

'89. Mr. W. B. Thurber, IX., has accepted a position with Walter Baker & Co., of Dorchester, Mass.

'98. Mr. S. S. Philbrick, II., is a draughtsman at the Laconia Car Works. He came on to revisit Tech. and take in the cane rush not long since.

'98. Mr. Joseph Bancroft, X., is with the Joseph Bancroft Co., dyers and bleachers, of Wilmington, Del.

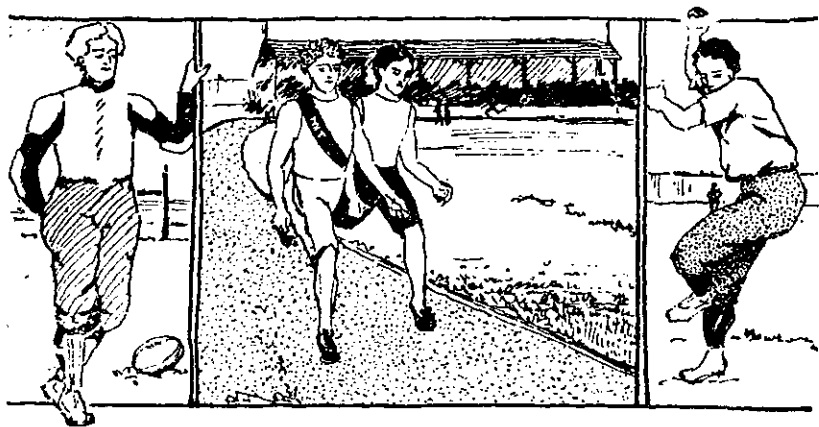
'98. Mr. Howard Snelling was a corporal in the First Volunteer Engineers during the war, and is now just recovering from illness contracted in the service.

Technology Calendar.

December 22.—Dinner of the Sherwood Club, Young's Hotel, 7.30 P. M. Inspection of the Pierce Building and Engineering Laboratories by Society of Arts, 8 P. M.

December 23.—Meeting of the Executive Committee of the Foot Ball Association, 1 P. M., in 11 Rogers. All students are members of this Committee. Meeting Y. M. C. A., 11 Rogers, 4.10 P. M.

December 25-28 inclusive, vacation.



Mr. George R. Heckle, Captain of the Varsity Football Eleven, has been obliged to leave the Institute. While it has not been decided who is to succeed Mr. Heckle, Mr. H. D. Jouett, '00, will probably be chosen Captain for the season of 1899.

An effort, which seems sure of success, is being made to form a hockey team. Practice has been held every day when there was ice, and a good number of men have come out. A trip to Canada, where the team will play with Quebec and Toronto clubs, is being considered, and will probably be made. Games are being arranged with Harvard, Andover, Boston University, and Hockey teams from other colleges.

On December 15th, at Young's Hotel, a dinner was given to the Football team by Capt. Benjamin E. Morse. The covers of the menus were tastefully decorated with the M. I. T. colors and some appropriate football design, while inside was an excellent half-tone cut of the team. During the dinner an elegant silver loving cup was presented to Captain Morse by the coach, managers, and members of the team. After the dinner a number of impromptu speeches were made, all of which expressed the fact that the success of the team was largely due to the efforts of the Captain. The twenty-four men present had a most enjoyable evening.

The points for the cup offered to the man who makes the best score in the weights now stand as follows: Walton, '99, and Copp, '99, each have five; Crane, '02, and Wentworth,

'00, three, and McDonald and Price, '00, one. In the competition for the cup offered to the one who wins the most points in the remaining events, Horr, '02, leads the list with sixteen; Baxter, '01, second, with fifteen; Shepard, '01, and McMasters, '00, each have six; Flynn, '99, has five; Wentworth, '00, four; Hall, '00, and Wilder, '01, three; Pope, '02, two and one half; Emery, '00, and Conant, '00, each have one, and Sherrill, '99, has one half point. Horr again leads the list for the Freshman Cup with eighteen points; Winchester and Field come next with three points each; Pope and Crane each have two points, and Pember and Wood, one point each. In the class championship 1901 leads the list with sixty-three points; 1902, second, with forty-seven and one half points; 1900, third, with forty-six points, and 1899, fourth, with thirty-eight and one half points.

The Winter Meet.

THE annual closed Indoor Meet of the Athletic Association was held in the "Gym." Saturday evening, and, athletically, was a great success.

The four classes were very evenly matched for a while, but '01 and '02 soon left the upper class teams to themselves and began the battle for the honors, which was only settled when Baxter cleared the bar in the pole vault at 9 feet 7 $\frac{1}{4}$ inches, with Shephard, '01, and Pope, '02, tied for second and third places, thus giving the Meet to '01 by 3 $\frac{1}{2}$ points.

Captain Baxter and Horr, '02, divide the individual honors, the former with 3 firsts to his credit, and the latter with 3 firsts and 1 third. Baxter shows by his performances that the new duties devolving upon him as track captain have not detracted from his work, and that he is fully capable of leading a winning team.

The work of Horr was particularly gratifying. He captured the 35-yard dash in time only $\frac{1}{5}$ of a second behind Grosvenor's world

record, and established a new Tech. record in the 35-yard hurdles. These performances stamp him as a "comer," and one from whom we may expect great things in the spring.

The dash was the first event run off and the finals brought together a fast field in Shephard, '01, Hall, '00, Horr, '02, and Wentworth, '00. The four men got off well and finished close together with Horr leading, Hall second, and Shephard third.

The trials in the 35-yard hurdles were also close, and it is interesting to note that they were all won in time equaling the Tech. record. In the finals, Horr, Shephard, and Wentworth again started with Pope, '02, as the fourth man. As in the dash, the men were bunched at the finish, with Horr again a winner in $4\frac{2}{5}$ seconds, Shephard second, and Wentworth third.

In the running high jump and the standing broad jump, Baxter won easily. Baxter tried for the Tech. record in the high jump, but after clearing 5 feet $9\frac{1}{2}$ inches he failed at 6 feet. The shot put was closely contested by Copp, '99, and Crane, '02, the former winning with a put of 34 feet 6 inches, third place going to McDonald, '01. During this event, W. W. Coe, of B. A. A., gave an exhibition shot put, and although he failed by nearly three feet to equal his mark made at the B. A. A. meet a few nights ago, yet his 39 foot $3\frac{1}{2}$ inch put is a good mark for our weight throwers to aim at.

The potato race, always amusing and exciting, was hotly contested, the final heat being won by Horr, McMasters, '00, second, and Emery, '00, third. The fence vault was easy for Flynn, '99, at 6 feet 8 inches.

The pole vault was stubbornly contested, and being placed at the end of the list of events made the meet seem rather long drawn out. The event itself was interesting enough and ended as above described.

SUMMARY.

35-YARD DASH.—1st heat won by Shephard, '01; second, Wentworth, '00; time, $4\frac{2}{5}$ sec. 2d heat won by Hall,

'00; second, Rowe, '01; time, $4\frac{2}{5}$ sec. 3d heat won by Horr, '02; second, McMaster, '00; time, $4\frac{2}{5}$ sec. Heat for second men won by Wentworth, '00; time, $4\frac{1}{5}$ sec. Final heat won by Horr, '02; second, Hall, '00; third, Shephard, '01; time, $4\frac{1}{5}$ sec.

35-YARD HURDLES.—1st heat won by Horr, '02; second, Copp, '99; time, $4\frac{4}{5}$ sec. 2d heat won by Shephard; second, Manley, '02; time, $4\frac{4}{5}$ sec. 3d heat won by Wentworth, '00; second, Pope, '02; time, $4\frac{4}{5}$ sec. Heat for second men won by Pope, '02; time, $4\frac{4}{5}$ sec. Final heat won by Horr, '02; second, Shephard, '01; third, Wentworth, '00; time, $4\frac{4}{5}$ sec.

POTATO RACE.—Final heat won by Horr, '02; second, McMasters, '00; third, Emery, '00; time, $35\frac{4}{5}$ sec.

RUNNING HIGH JUMP.—Won by Baxter, '01, height, 5 ft. $6\frac{1}{2}$ in.; second, Wentworth, '00, height, 5 ft. $5\frac{1}{2}$ in.; third, tie between Sherrill, '99, and Pope, '02, height, 5 ft. 4 in.

STANDING BROAD JUMP.—Won by Baxter, '01, distance, 9 ft. $9\frac{1}{4}$ in.; second, Wilder, '01, distance, 9 ft. $1\frac{1}{4}$ in.; third, Horr, '02, distance, 8 ft. 11 in.

PUTTING 16-POUND SHOT.—Won by Copp, '99, distance, 34 ft. 6 in.; second, Crane, '02, distance, 33 ft. 11 in.; third, McDonald, '01, 32 ft. 5 in.

POLE VAULT.—Won by Baxter, '01, height, 9 ft. $7\frac{1}{4}$ in.; second, tie between Pope, '02, and Shephard, '01, height, 9 ft. 5 in.


FENCE VAULT.—Won by Flynn, '99, height, 6 ft. 8 in.; second, McMasters, '00, height, 6 ft. 6 in.; third, Conant, '00, height, 6 ft. 4 in.

SCORE BY CLASSES.

	'99.	'00.	'01.	'02.
35-Yard Dash,		3	1	5
35-Yard Hurdles,		1	3	5
Running High Jump,	$\frac{1}{2}$	3	5	$\frac{1}{2}$
Potato Race,		4		5
Standing Broad Jump,			8	1
Shot Put,	5		1	3
Fence Vault,	5	4		
Pole Vault,			7	2
	<hr/> 10 $\frac{1}{2}$	<hr/> 15	<hr/> 25	<hr/> 21 $\frac{1}{2}$

* Technology Record.

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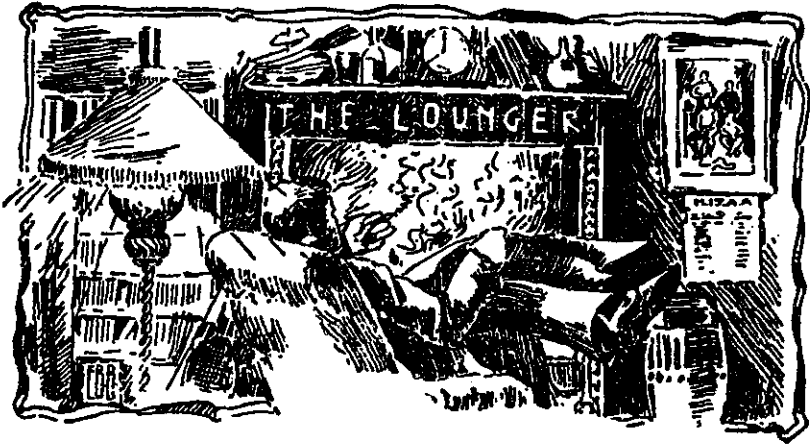


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As the Lounger, reclining in his usual attitude (see above), was glancing over the theatre columns of one of the evening papers not long since, his attention was arrested by the sight of a familiar name in connection with the attractions mentioned as exhibiting at a certain stronghold of the vaudeville art in the neighborhood of Scollay Square. While the versatility of the French is proverbial, and although one of the brothers referred to has in more than one instance given notable exposition of his histrionic powers, yet the Lounger was somewhat unprepared to see in cold black and white,—

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It has always been one of the Lounger's greatest delights to witness the successes of all who have been at any time connected with the Institute, and, consequently, it was with the greatest grief that he found himself unable to attend at least one performance of the "Burlesquers," and add one more to the handsome delegation from Technology, which he is sure must have attended. The Lounger judges, moreover, that the above may suffice to explain the notable absence from the Institute last week of one of the brothers referred to.

While the Lounger has always been glad to facilitate the transaction of business, so essential to the interests of the student body in particular and the welfare of the human race in general, as that carried on at the meetings of his friends, the Institute Committee, and has on this account been only too glad to accede to the polite and humble petition usually offered by that honorable body, asking him to resign to them the luxuries of his quarters for certain stated and infrequent intervals, he must say that he considered

this slight formality of request a pleasing incident which it pains him to forego. His friend, the business manager, is also somewhat disturbed by its omission, and bitterly bewails the fact that he has, in some cases, not had due notice of the date of meeting of the said body to give him time to lock up his valuables. The Lounger, however, has endeavored to console him—not without some success—by reminding him that in a few years more, apparently, the committee's own trophy room will be completed.

The deep and continued interest which the Lounger has always in directing the affairs of his friends the Freshmen, make it almost needless for him to state that he is deeply interested in the cause of educating the youthful mind,—*cela va sans dire*,—and consequently the source of his general atmosphere of sadness and gloom, as he perused the results of the recent political struggle, can be readily deduced by every student after a minimum amount of cogitative activity. Once again the power and influence of Technology were ably represented in the field, this time by a certain jovial professor of Mathematics, who doubtless made extended use of the methods of Least Squares and the Theory of Probability, in order to determine his chances of success. Alas, however, for the calculations of mathematics, as in the previous case of the eminent wormologist, the power of South Boston again proved irresistible, and the Lounger fears lest the smiles of the gentlemen in question should prove even more infrequent than usual.

The Lounger hails with delight the approach of the gladsome season of holly and roast turkey, of mistletoe and rosy-cheeked maidens, of snow and ice, of plum pudding,—in short, of all the many good things which cheerfully unite to make the glorious Christmastide the merriest time of all the year. It is with the lightest of hearts, therefore, that even he yields to the influence of the time, relapses his usual dignity, flings down his pen (*i. e.*, carefully "corks" his Waterman), and prepares to seize a brief respite from the many cares and responsibilities which the increased territory of the Institute has this year laid on his already overburdened shoulders. The Lounger sincerely hopes that every man, woman, and grind, not omitting even the busy "Technique" editor, or the ambitious politicians of the Senior Class, will give up all thought of common affairs, and follow his illustrious example.

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Week commencing December 26, 1898.

Tremont Theatre.—Seats are now on sale for Mr. Stuart Robson in the comedy of "The Meddler." Mr. Robson is ably supported by Miss Marie Burrough and a large cast. Mr. Robson is a favorite, and the play is no doubt worthy of his efforts.

Castle Square Theatre.— "The Three Musketeers" will be produced next week. The

name of this play is a sufficient guarantee of interest and quality.

Hollis Street Theatre.—Nat Goodwin and Maxine Elliott, during their present engagement, will play "Nathan Hale" at every performance save on Saturday, Dec. 31, when the afternoon will be devoted to "An American Citizen," and the evening to "A Gilded Fool."

Park Theatre.—Henry E. Dixey is scoring a great success in the role of a typical circus clown in the Parisian vaudeville, "Hotel Topsy Turvy." David Lythgoe and Alice Athernone assist greatly in the merriment of the piece.

Boston Museum.—Mr. William Gillette has another laurel in the success of "Because She Loved Him So." The New York engagements of the company have been canceled in order to extend the engagement here. The play is clean, bright, and amusing.

Boston Theatre.—Hanlon's Superba will be produced during the week of December 26. The play is so well known and such a general favorite that it is sure to be well patronized.

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