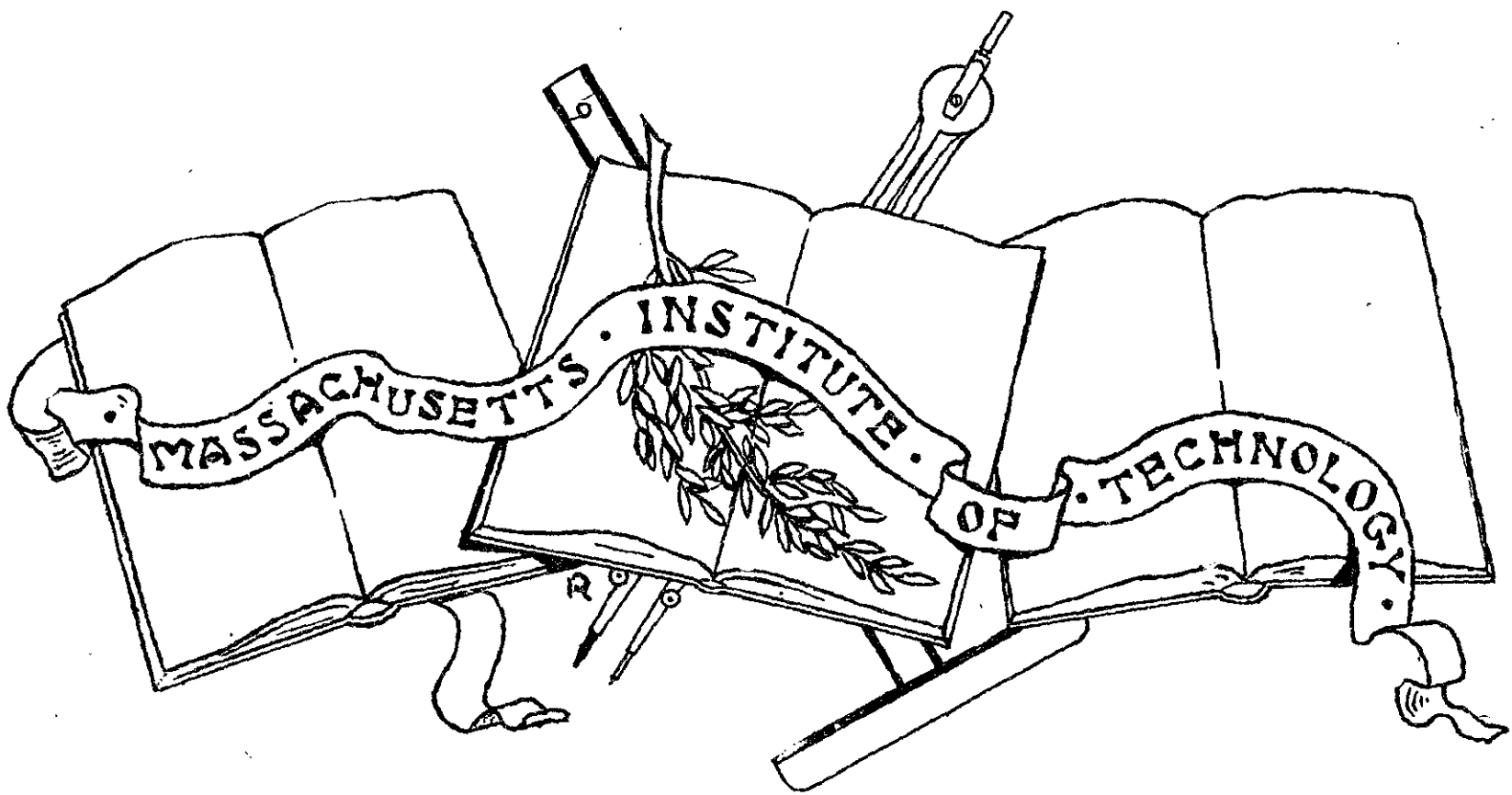
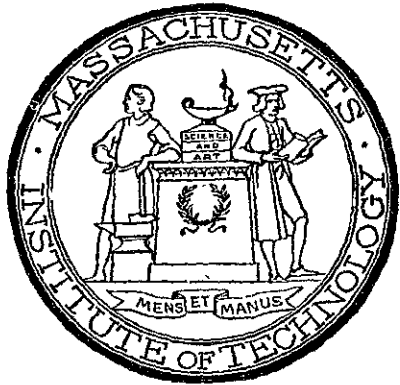




THE TECH



BOSTON, MASS.

VOLUME XVI.

NUMBER 9.

DECEMBER 3, 1896.



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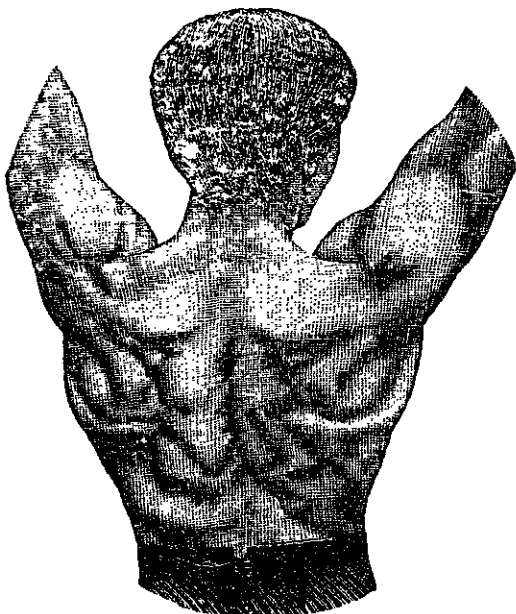
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THE TECH

VOL. XVI.

BOSTON, DECEMBER 3, 1896.

NO. 9

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 RENSIAW, '99, *Assistant Editor in Chief.*

THOMAS EDDY TALLMADGE, '98, *Secretary.*

HARRY DRAPER HUNT, '97.

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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.

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

ONE of the landmarks of the year in scientific circles and an event of importance to all Institute men, will be the publication of the "Life and Letters of Dr. William Barton Rogers." The work has been prepared by Mrs. Rogers, with the assistance of Professor Sedgwick, and will be among the Christmas publications of Houghton & Mifflin. It is in two volumes and very handsomely illustrated; a new view of the Rogers Building forming one fine engraving. Professor Rogers's life cannot fail to be of great public interest, from his vital connection with general scientific thought, at William and Mary College, and afterwards at the University of Virginia, as founder of the American Association for the advancement of Science, and as President of the National Academy of Arts and Sciences. Technology men in particular must be stirred by the tale of his wonderful foresight and wisdom in the foundation of the Institute, and of his unselfish labors in its behalf, finding a picturesque climax in his death upon the platform of Huntington Hall. Technology is

reaching a retrospective stage when her past has become very dear, and President Walker's stirring words in another column show how inseparable from a true appreciation of the advantages we enjoy to-day, is a reverent gratitude to those great men who in the past years made the present possible. This book is the first comprehensive history of Technology, the first recognition of the fact that we have a history behind us, and a body of tradition, as inspiring as that of any college in the country; we welcome it, therefore, as a legitimate source of pride in the past and loyalty for the future.

IN a recent issue of *The Brunonian* an editorial appeared on "College Spirit." After deploring the lack of a proper spirit at Brown, the writer proceeds to analyze some of the causes which prevent its attainment. Among them he notices that the numerous organizations, with their too frequent placing of personal interests ahead of the college interests, play an important part. He then goes on to say:—

"You know that it often happens that a man, not always popular, holds a high office in some five or six of them with no especial credit to himself or the various clubs. Only one result is possible: the supply of interest and enthusiasm in such and all other organizations, dribbled out among so many bidders for it, soon becomes exhausted. The student body find themselves lacking interest even in the most important of college affairs."

This applies equally well to Technology. When the various societies and classes recognize that an office in one club is not the most valuable characteristic of a candidate for office in another, we may hope for an infusion of new life and interest in our enterprises.

THE Senior Class is unusually tardy this year in the selection of its class-day officers. 'Ninety-six had its nominating committee elected at this time, and '95 had at least adopted a method for its election. If this delay means deliberation upon the important subject with a view to the selection of truly representative officers, the sign is a good one. It is devoutly to be hoped that a better choice may be made than has been the case in some recent years; and to this end THE TECH suggests that the stupid custom of choosing the nominating committee by courses be discarded. This is a method which lends itself particularly to any one who wishes to "play politics," and is very much less likely to express the real voice of the class than a general election. Another disadvantage is the emphasis given to course rivalry, already a decidedly injurious factor in Institute affairs. Neither course nor fraternity interests should be allowed to prevail, but only the fitness of each candidate to do credit to his office.

ONE of the facts about the work of the Institute which is but little appreciated by the majority of the students, is the value to the general engineering public of the results obtained from the tests in our Engineering laboratories.

These tests are all conducted under conditions similar to those which occur in practice, and are on a practical scale. In carrying on the work of this department from year to year, the same tests are not made over and over, as is done in some places, but each year the work is laid out so that the data obtained may be of value.

The results are classified under the heads of steam, hydraulics, and applied mechanics, and are published in the *Technology Quarterly*, from which they are afterwards reprinted in pamphlet form, where they furnish a record of valuable facts, many of which could be obtained nowhere else. Similar work is carried on in the Engineering labora-

tories at Munich, Berlin, and Zurich; but there is no other American college or university where the work done by the students is so arranged that it may contribute to the knowledge of the general public. That the work is appreciated by engineers, is shown by the many flattering letters which have been received from time to time.

ONE of the most direct and practical agencies for good in the Institute is the Co-operative Society, which, as is well known, affords financial aid in the way of free scholarships to not a few deserving students each year. At a recent meeting of the Society a dividend of \$617 was declared; all of which will be devoted to scholarships of \$200 and \$100. This money was obtained from the sale of the Society membership tickets, and of supplies at the beginning of the term.

The directors of the Society, chosen by each class, serve without remuneration. A membership ticket entitles a student to a considerable discount, ranging from ten to twenty-five per cent, on all manner of goods for sale by the various firms listed in the Society's handbook. It seems a good plan that the Co-op., as suggested by Dr. Tyler, take hold of the supply rooms left vacant by the janitors in the Architectural and Engineering buildings. These supply rooms were of the greatest convenience to the students, and if the Society should undertake their management its annual scholarship fund would be largely increased.

IN the column of Communications there appears a letter from the Secretary *pro tem* of the Class of '95. The meeting of this class last week is significant as an outcome of the scheme started by the Alumni Secretaries at their recent Technology Club dinner. Not only does the formation of the Alumni Secretaries' Association strengthen the Technology Club as an organization, but what is more promising, this action assures to our graduates a strong mutual bond heretofore lacking. We

extend heartiest wishes that the Wednesday evening gatherings may be the source of unqualified enjoyment.

THE Editors of THE TECH desire to testify to the fact that all knowledge of a quatrain, signed by the *nom de plume* of a regular contributor, received in the usual way and printed in the issue of October 29th, was denied by the gentleman to whom it was credited as soon as he saw it in the paper. It did not seem to the Editor in Chief worth while to publish this disavowal at the time, as the fact that the lines were from the verse of Dr. Holmes was not then known.

COMMUNICATIONS.

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

TO THE EDITORS OF THE TECH:—

On Wednesday, November 25th, a few members of the Class of '95 gathered informally at the Technology Club and took dinner, and held a short meeting in the evening. The following men were present: Messrs. Le Bosquet, Canfield, Bourne, Loring, Zapt, Huxley, Cutter, and Lothrop. It was voted that Wednesday of each week be known as '95 night, and that as many men as conveniently can, meet at the clubhouse on that night.

The first Wednesday of each month a more formal meeting is to be held, and the members of the class who are also members of the Club should come to dinner at 6.30, and each should bring as a guest some '95 man who is not a member of the Club. This will give ample opportunity for the members of the class to meet each other more frequently, and prevent class spirit from wholly dying out. Wednesday, December 9th, was designated as the first night for one of these meetings, and, owing to the lateness of the preliminary meeting, it was thought best that this should take the place of the usual monthly dinner. All '95 men, therefore, who are members of the Technology Club, are urgently requested to be present for dinner at 6 30 on Wednesday, December 9th, and to bring as a guest some '95 man who is not a member of the Club.

E. H. HUXLEY,
Secretary pro tem.

Philadelphia Alumni Dinner.

THE Tech. Society of Philadelphia held its first annual dinner at the Lafayette Hotel, November 14th. Before the dinner a short business meeting was held, at which Mr. L. K. Yoder, '95, was chosen Secretary-Treasurer, in place of Mr. Robert Johnston, '96, who resigned on account of his removal to Rumford Falls, Me. The Executive Committee is composed of Mr. A. J. Boyden, '75; Mr. W. Lewis, '75; Mr. A. B. Stoughton, '86; and Mr. S. S. Sadtler, '95.

The toastmaster of the occasion was Mr. A. N. Brown. Short addresses were delivered by Mr. Boyden, Mr. J. C. Miller, '73; Mr. David Baker, '85; and Mr. Clayton Pike, '91. The speeches of the evening, however, were delivered by President Walker, and the Rev. George S. Fullerton, Vice Provost of the University of Pennsylvania. Dr. Fullerton paid a hearty tribute to Technology methods, and acknowledged the indebtedness of Pennsylvania and other colleges thereto. He said, "I have always held that a man should love his own college, his own institution that made him a man and gave him the best part of himself; and if he cannot do that I don't think he can be a good citizen."

President Walker said: "I suppose that when the president of a college goes out to meet and greet an association of alumni, the thing which is expected of him is, not that he should speak on the philosophy of education or discuss national topics, but that he should tell the plain, simple story of how things are going on at the old home. So I shall confine myself to-night to speaking of the Institute. Really, if you ask me what the Institute of Technology is to-day, I shall have to tell you that it is to-day very much what it always has been. I apprehend that no college president in the land could go out to meet an association of alumni in any city, near or remote, and say this with so much of emphasis and with so much of justice as I can say it here to you. In spirit, in character, and in methods, the

Institute of Technology has changed very little from the first. The school has gone forward almost exactly on the line on which it was first started, and on which it did its first year's work. That I apprehend to be true of no other institution of the first class in the country. If you consider how our universities and colleges are reforming their courses of study and schemes of instruction, you will see that a wonderful change has been taking place. You may have thought that an institution like ours would have had to undergo a corresponding change. But it has not been so. Hardly anything is done in the larger Institute of Technology, with its twelve hundred students, with its one hundred and forty teachers, with its group of large buildings crowded with powerful and delicate enginery, machinery, and apparatus, which is not identical in character and method with that which was done at the very foundation of our school. I believe that no institution in the world was ever developed so strictly according to the general ideas and the specific plans upon which it was first conceived and laid out, as has been the Massachusetts Institute of Technology. This was due to the astounding prescience and grasp of principles which characterized the founder and first President of the Institute, Dr. William Barton Rogers.

"This does not mean that our school is not 'up to date' in what it is doing, or that it is behind any other in the prestige it enjoys. It simply means that, at the very outset, the scheme of scientific and technical education which has been approved by experience as best and most perfect, was fully brought into operation—on a small scale, it is true, under great disadvantages, and with little popular appreciation, but still brought fully into operation at the Massachusetts Institute of Technology. In all the changes that have taken place during the thirty years since its foundation, other colleges and universities have come to us. We have not gone to them. The system of laboratory instruction in general chem-

istry, general physics, mechanics, and other departments, which was first organized in the Rogers Building, on Boylston Street, has extended from institution to institution, and from state to state, and from country to country. If you read the memorial prepared by President Rogers in 1859 for presentation to the Legislature of the State, you will find everything that the Institute of Technology is now doing, there stated and illustrated. Accordingly, I say to you, to-night, that the oldest Tech. man here present understands what the Institute essentially is, and what it is doing, almost as clearly as the most recent graduate.

"The Institute of Technology was founded upon certain beliefs held by its original Faculty and its first President. One of these was a belief in the essential manliness of young men: a belief that if young men are properly appealed to, if they have set before them objects worthy of their best exertions, they will respond cordially and cheerfully to all the demands made upon them within the limits of their time and strength.

"The second belief which governed the minds of those who founded our school was, that industry has its rewards, sanitary and moral, as well as industrial. Men are made for work, for hard, patient, and faithful work; and when the objects presented to them are such as to arouse their interest and their ambition, a high grade of scholarship can safely and properly be insisted upon. The Institute was founded as a place for men to work, and not for boys to play; and the standard set up in the first instance has never been lowered. I was very much impressed once by a graduate of one of the earlier years telling me that when his class approached graduation,—this was in the day of small things, when the school met in a 'small upper chamber,'—there were six candidates, and of these two were refused the degree upon their final examinations. I ask you, gentlemen, to think what that meant, in those times of poverty and un-

certainty. Consider the moral courage, the sincerity of conviction, the devotion to principle which were involved in an act like that, which must at the time have seemed suicidal. This is the spirit in which the Institute has been maintained down to the present time; and as long as those who are in charge of its administration remain in authority, the standard of scholarship will never be lowered. We shall never haul down the flag.

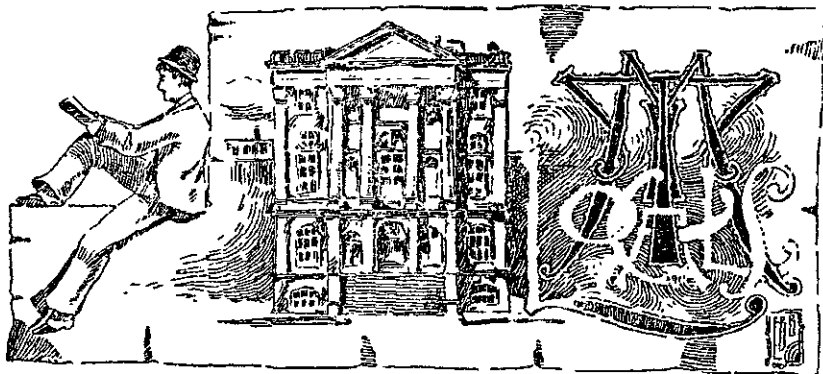
“A third belief on which the Institute of Technology was founded was a conviction that the objective study of concrete things affords the very best means of intellectual development; and not only so, but that is also one of the most efficient means of promoting strength of will, resolution, and firmness of character. After fifteen years of continuous observation of our students and graduates, I am firmly convinced that, in respect to both the mental and the moral influence of the study of scientific principles, directed straight upon a worthy profession, the founders of the Institute chose wisely. I believe that no better product of mind and manhood, of intellect and character, is ‘turned out,’ to use the phrase of the market, from any class of institutions in our land, than from our scientific and technical schools. The sincerity, the singleness of aim, the directness of vision, the respect for truth, the zeal for knowledge, which so markedly characterize our students as a body, constitute the best possible contribution, not merely to the industrial strength but to the citizenship of the country.”

“A fourth principle on which our school was founded was the desirability of mingling, with scientific and technical studies and exercises, a fair amount of studies and exercises of a philosophical character. In this respect the Institute of Technology long stood alone among the schools of its class, being the only one known to me in whose courses philosophical and scientific studies were united. In thus joining to the studies and exercises which make men resolute, and

accurate, and strong, those studies and exercises which make men liberal and fine, the founders of the Institute exhibited a remarkable prescience, for to-day the wisdom of such a course is fully recognized even by the most strenuous advocate of the exact sciences.

“But I am speaking too long of the past; coming down to the present time, I would say that the condition of affairs at the Institute is in most respects very fortunate, as, indeed, it has been for many years now. Our situation to-day, with the single drawback of our finances, is most encouraging. The work of the school was never so well done; its prestige never so high; the mutual support and service of the several departments never so perfect. We feel only one painful lack, and that is of permanent endowments. Although we are spending more than three hundred thousand dollars a year in carrying on the work of the school, the Institute is practically an unendowed institution. Most of what has come to us, through private munificence or public grants, it has been found necessary to apply at once to the erection of buildings for the ever-increasing throng of students coming to our doors, and to the equipment of our laboratories with apparatus and machinery suitable to meet the growing demands of scientific instruction and investigation. This situation is one not without danger; and every friend of the Institute, every citizen who knows the work it has done for the industries of our land and for the cause of general education, must earnestly desire that, at some early date, this school of industrial science may receive an ample endowment, which shall not only increase its opportunities for usefulness in the immediate present, but shall make its future secure.”

Freshman: “How much discount can you get on fountain pens over to Mac’s if you show your ‘Co-ed.’ ticket?”



Course I. men are making a survey at Clarendon Hills.

Mr. D. S. Cook, '99, of Princeton College, visited Tech. friends last Tuesday.

The Trap Shooting Club will probably hold a competitive "shoot" at Belmont, Saturday, December 5th.

The work in Thermodynamics for the Third-year students in the Engineering course started last Monday.

The finished designs in the Junior and Senior Classes, Course IV., are due December 4th. The problem was an Institute of Technology.

By order of the Secretary, Norman has closed the supply rooms managed heretofore by him in the Architectural and Engineering buildings.

Apparatus has been set up in the boiler room for use in the thesis work of Mr. Sellew, Course II., who will make a comparative test of different styles of steam reducing valves.

The special short course in General Biology given to Course XI., began on Tuesday, of this week. All those men who could not take the longer course, will find this one of great interest.

The following men are temporarily thrown out of employment by the destruction of the Boston Bridge Works by fire: N. H. Sanderson, '96, N. H. Janvrin, '94, A. E. Fowle, '93, and W. C. Lambert, '93.

Dr. Robert P. Bigelow, Librarian of the Institute, has recently published a synopsis of

his course in Theoretical Biology, which Professor Sedgwick pronounces the best thing of its kind that has yet appeared.

There has been an error in recent "Techniques" with regard to the Secretary of the Class of '72. Mr. C. S. Ward is put down for that office, while Professor Allen has actually held it ever since the class graduated.

Mr. H. E. Smith, '96, is taking a thesis for the M. S. degree on a new and interesting subject; viz., Sanitary Architecture. He is giving special attention to schoolhouses, their air, dust, heating and ventilation, and is doing his bacteriological work under Professor Sedgwick's direction.

The publication of an important book by one of Technology's graduates, deserves special mention. Mr. Harry Huse Campbell, of Course III., '79, has produced a work entitled "The Manufacture and Properties of Structural Steel." A copy can be found in the Engineering Library.

"Talk about your hot artists! Why, there is a fellow up at our house who drew a Freshman and a Sophomore. He hadn't any use for the drawings, so he threw them into the wastebasket together, and there were scraps in that basket right along until the janitor emptied it."—*Cornell Widow.*

The Walker Club held a Smoke Talk at the Technology Club, on Monday evening, November 23d. Professor Homer and Mr. Sumner spoke on "Bicycling in France." A salad supper was served. Much useful information regarding French roads and methods of travel was given, and many entertaining incidents related.

An important meeting of the Class of 1900 was held Monday, November 23d, at which it was proposed to challenge '99 for either a cane rush or "cane spree." After some discussion it was decided to do neither. The Drill Committee was empowered to hire Mechanics Hall for the drill, and M. W. Hall

was appointed temporary Captain of the Track team. The permanent Captain is to be elected by the team.

In spite of the very disagreeable weather the first shoot of the Gun Club, on November 21st, was attended by a little group of enthusiastic members. The scores which follow are not bad, considering the unfavorable weather. Twenty-five targets,—Mixed angles. A. B. Miller, 18; L. Johnston, 12; Barron, 12; Durgin, 13; Adams, 14. It is said that the Club intends to shoot the shoots in the spring.

The machine for facing off specimens of brick or stone, and preparing them for use in the Emery Testing Machine, has been started in the Applied Mechanics laboratory. This machine was originally designed by the department of Highway Engineering, for testing the wearing power of different paving stones. It consists of a rotating iron platen, upon which the specimen rests, and upon which sand and water are fed at a uniform rate.

The next meeting of the Electrical Engineering Society will occur on Friday, December 4, at 8 P. M., Room 22, Walker. Mr. Clifton A. Howes, '95, now with the American Electric Heating Company, will address the society on the subject of "Electrical Heating Apparatus," showing the different kinds of apparatus. The use of electricity for heating purposes is increasing rapidly, and this lecture will interest members of the Society, as the subject is not given special attention in the Course at the Institute.

A test was made during the Thanksgiving holiday, by Messrs. Clark and Feeley, Course II., as their thesis work, on the steam plant of the new mill of the Berkshire Cotton Manfg. Co., at Adams, Mass. The plant consists of seven high-pressure Manning boilers, and a double tandem compound condensing Allis engine of about 1,600 horse power. Nearly a carload of apparatus was sent from the Institute, to be used in the test. The test lasted

for twelve hours, and Messrs. Clark and Feeley were assisted by Messrs. Gray, Hubbard, Bowen, and Everett, '97.

On Wednesday evening, November 25th, Professor Merrill was married to Mrs. Mary Bucknam, of Cambridge. The ceremony was performed at 65 Dana Street, Cambridge, and was followed by a reception, at which a large number of the friends of the bride and groom were present, including a number of professors and instructors of the Institute. Professor and Mrs. Merrill received a large number of handsome presents, among which was a dozen silver coffee spoons from one of his '99 sections in Course II.

A second party, consisting of members of the Electrical Engineering Society, who did not take the trip on the previous Saturday, visited the West End Central Power Station, Albany St., on Saturday afternoon, November 21st. In spite of the wet weather about thirty members availed themselves of the opportunity to inspect the plant. The plant is up to date in every respect, having been recently equipped with large multipolar dynamos, each one connected directly to a triple or compound Allis engine of from ten to twelve hundred horse power. These engines, with fly wheels built up from boiler plate, were objects of special interest. Every courtesy and consideration was shown the students by the company. Much information as to the working of the plant was gained, and the afternoon was profitably spent by all.

Course I., '97 men, of Option 1, and the men of Course XI., took a trip on Tuesday, November 24th, to Worcester, Mass., where they were shown over the premises of the Municipal Sewage Disposal Works. Through the influence of Professor Swain, free transportation was secured to Worcester and return for twenty-five men. The party started out prepared fully to enjoy and appreciate the courtesy of the railroad officials, for the opportunity afforded to investigate the plant

at Worcester. The latter is designed on the "continuous precipitation" principle, and is the product of the best thought of the time along this direction. The attempt is made to keep the Blackstone River, into which the effluent is discharged, as free from pollution as possible. In this the Sewerage Department has been quite successful, while the cost to the city is comparatively small. No repairs have as yet been necessary since the start of the plant four years ago, while little expert labor is required. Lime and sulphate of iron are used as precipitating agencies. The sewage of the town passes through a series of tanks, and as the sludge settles, the water is drawn off and discharged into the river. The sludge from the several tanks is removed, in some cases three times a week during the summer months, once or twice a month in winter; other tanks near the end of the series do not require emptying oftener than once a month throughout the year. The Schone ejector is used to raise the sludge from one level to a higher one previous to pumping upon the Land Disposal Plant. A filter press is soon to be set up, which will dispose of the output in the form of hard, dry cakes. The latter will be carted to land owned by the city lower down the river.

Report of the Treasurer of the Republican Club of the Massachusetts Institute of Technology:—

EXPENDITURES.	
Printing	\$23 25
Music	87 12
Transparencies, banners, etc.	51 75
Uniforms	559 50
Horses, equipments, etc.	14 00
Incidentals	1 50
Red fire for parade	40 00
Red fire for illuminating Institute	11 00
	<hr/>
	\$788 21
RECEIPTS.	
Sale shingles	\$175 75
Subscriptions from corps of instructors	1 00
Sale Uniforms	618 00
	<hr/>
	\$794 75
Balance, \$6.63, given to Athletic Association.	
THURLOW WASHBURN, <i>Treasurer.</i>	



'68. Ellery C. Appleton, of Course III., whose name stands first in our Alumni List, as published in the annual catalogue, occupies the position as Civil Engineer on the Metropolitan Water Board. He was formerly the Assistant Engineer of the Boston Water Works.

'74. Elliot Holbrook, Course I., is now the Superintendent of the Louisville, Evansville, and St. Louis R. R.

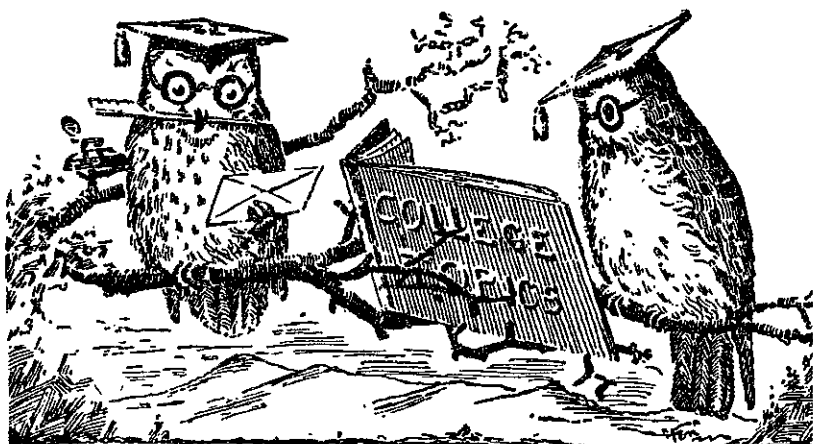
'82. The Class of '82 will celebrate its fifteenth anniversary since graduation, by a dinner at the Technology Club, and the publication of a Class history and directory covering the record of the past fifteen years.

'86. W. L. Church, Course VI., whose business address could not be obtained for last year's catalogue, is now with the Milwaukee Electric Railway and Light Company.

'91. A. E. Hatch, Course I., is employed with the Worthington Pump Company, and is stationed at Providence. He is principally engaged in construction. Mr. Hatch joined the Course I. '97 men in their trip to Worcester, when they inspected the Sewage Disposal Plant located there.

'93. Orton W. Albe, Course III., who has been since his graduation assistant to the Inspector of Ordnance, U. S. A., has accepted a position with the Benjamin, Atha, and Telingsworth Co., at Newark, N. J.

'96. E. C. Hultman, Course I., has returned from the Adirondacks, where he has been employed with the U. S. Geological Survey. Mr. Hultman, '96, and Mr. Matthes, '95, have taken this practical work with the Survey in order to better fit them for the Civil Service examinations, which they expect to take next spring.



Following is a list of the Intercollegiate debates for '96-97: Harvard *vs.* Princeton, at Princeton, December 4th; Harvard *vs.* Yale, at Cambridge, March 26th; Yale *vs.* Princeton, at New Haven, May 7th.

The Boston University Law School has established a monthly law magazine, the first in the history of the department. The first number appeared last Wednesday, and is under the editorship of Wm. H. McMasters.

“The faculty of the University of Michigan Medical School propose to make the degree of A. B. from some reputable college a requisite for admission to the school.”—*Ex.*

The wisdom of a step like the above is open to criticism. Although the tendency of the Medical and Law School to demand much higher qualification for graduation than in the past is one of the encouraging signs of the time, it is to be doubted if the requirement of a college education previous to matriculation as a candidate for the degree of M.D. or LL.B. is entirely wise or just. With the general extension of the medical course from three to four years, it would seem that the curriculum could be made sufficiently broad to include all necessary preparation for the ordinary practitioner. The time and expense entailed by the above proposal would necessarily debar many young men from entering upon the study of medicine. The advantage of previous college training could easily be recognized by the Medical School faculties in allowing substitution of the work done in college for a portion of the work required for the degree of M.D.



A meeting of the '98 Track team was held on the 23d. H. W. Jones was elected Captain of the team for the coming year.

All '98 men who intend to compete in the Class games, December 12th, will please send their entries as soon as possible to H. W. Jones, Box 74, Cage.

In the three years that Technology has sent a team to Worcester, sixty-one points have been won. Of these, but four points were won in field events. This shows where some of our hardest work should be directed this year, in order to develop an all-around team.

The Tennis Tournament was won by Mr. Ayer, '99, who defeated Mr. Lansingh, '97, in the finals. The result of the tournament from the semi-finals is as follows: semi-final round, Ayer, '99, beat Street, '99, 6-3, 6-1; Lansingh, '97, beat Jackson, '97, 2-6, 7-5, 6-3; final round, Ayer, '99, beat Lansingh, '97, 6-4, 3-6, 6-4.

Notwithstanding the bad weather on the twenty first, about fifteen men participated in the Hare and Hound run. The course was through Newton, and was twelve miles long. The time was 1 hour and 50 minutes. These runs are very helpful for training runners, and all men who contemplate taking part in long-distance running next spring, will find it to their advantage to enter them.

B. U. RECOMPENSE.

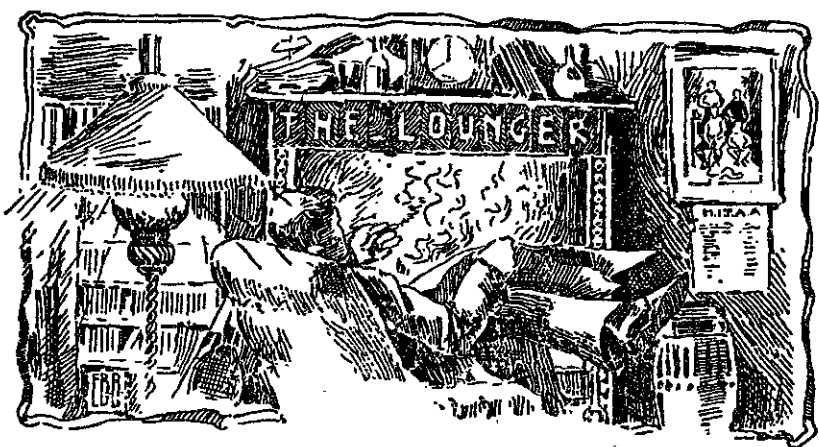
“I am sad,” said a Bryanite student,

“With hopes of free silver all gone.”

“Never mind,” said affectionate co-eds,

“We'll comfort you, sixteen to one.”

—*Ex.*



IF the Editors of this paper could possibly conceive the weariness that steals over the Lounger when he reads that accursed annual local about the board steps, they would not put it in every year. However, the statement has one value: it is a sort of official sign that winter has begun, and that very cold or very hot weather, or some weather between, may be expected. Of course you are never quite sure which, but you can generally rely on having some of each kind every day. Apropos of this, the Lounger remembers that an instructor, who ought to have known better, asked him once to tell the difference between the Bursar and a thermometer. The answer was that the thermometer sometimes moved fast.

There is nothing which is better calculated to thrill the heart with pleasure than the sight of a regal munificence. It was, therefore, with delight that the Lounger perused the accounts of the Republican Club, and saw that the Faculty had generously furnished part of the needed pecuniary support. This action may to some seem to savor of rash extravagance; it may be urged that such open-handedness tends to destroy the self-reliance of the students, and to cause them to depend overmuch upon such outside help. On the other hand, when the Lounger considers the circumstances of the case, the enthusiasm of a hotly fought campaign, and the fact that the instructing staff enjoyed the vantage of the buildings from which to observe the demonstration, he cannot but feel that the extravagance was justified. The total amount contributed by the Faculty was one dollar: and since if this were divided equally among the professors it would entail only a sacrifice of a postage stamp apiece, it would seem that the display of generosity was quite excusable.

One notable sign of the times among our gallant Juniors is a certain downiness upon the upper lip, betokening that the period of the "Technique" picture

is at hand. By diligent training and coaxing several literary and musical lights will present an appearance of great ferocity when their photographs are at last taken. Upon THE TECH Board the genial custom obtains of refreshing the inner man after the arduous labor of facing the camera, and when the proud Editors have hied themselves to the refreshing shade of the Old Elm, the Lounger intends to join them. Pleasant is it to sit in the long afternoon, puffing the cheroot and quaffing the foaming stein, while the merry jest passes and the *risqué* anecdote is told. Pleasant is it to watch the stern editorial brow unbend, and to hear the editorial tongue wag gayly as the editorial throat grows moister and yet moister. Almost one can dream of friend Fellner's native land, and seem to see rollicking students, natty lieutenants, and rosy mädchen. Alas, when we emerge into Tremont Street we are but poor representatives of the aforesaid students,—the only uniform in sight is worn by a huge policeman with no eye for the picturesque,—and the flaxen charmers are but meagerly imaged by the thin forms of the matinee girls.

Another manifestation of adolescence among certain of the sons of '98 is even more offensive than the hirsute eccentricities treated above. This is, the flaunting in the face of festal day of long-tailed frock coats and high hats by youths whose growth and bearing does not befit them for such embellishments. Leaving aside, indeed, all questions of youth and age, of modesty and dignity, the propriety of this costume may gravely be questioned. The Lounger's latest advices from London friends lead him to believe that the reign of the frock coat is over,—for a time, at least. The only *chic* thing at present in the metropolis is a long cutaway of some rough, grayish cloth. The Lounger hopes that this timely information will prevent any more of his friends in '98 from rushing headlong into rash expenditure.

AT THE SPRING.

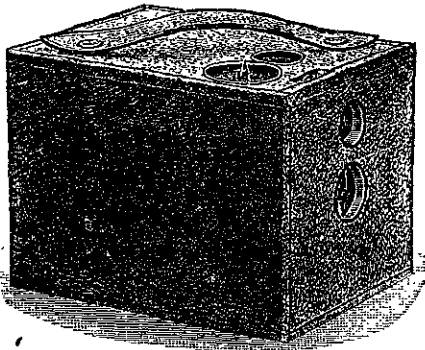
Life is a wellspring, bubbling up
Where God hath rived the rock Eternity;
Out of its over-brimming cup,
I know not but one draught is all that is to be.

Then shall I take, and not with fears,
My cup of mingled good and ill, nor shrink;
Drinking right bravely, that my tears
Make not the water bitter for the rest that drink.

—Columbia Literary Monthly.

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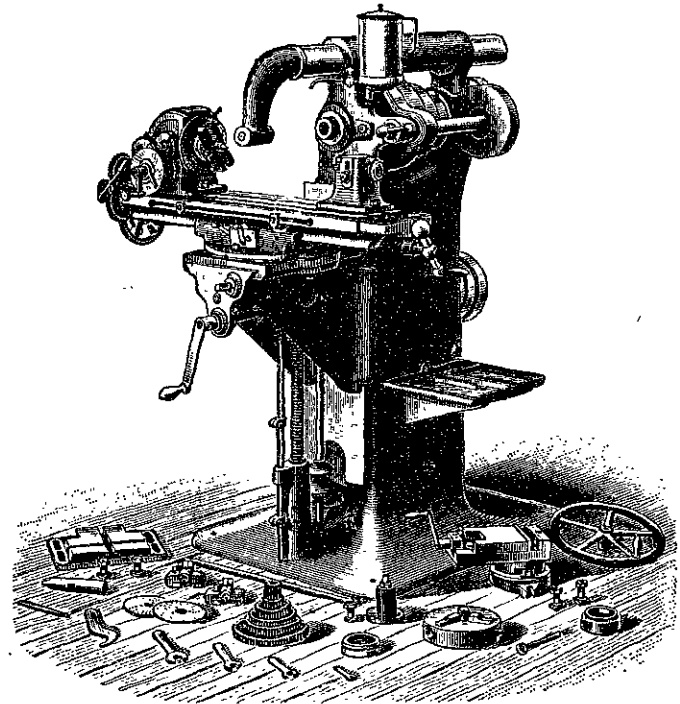
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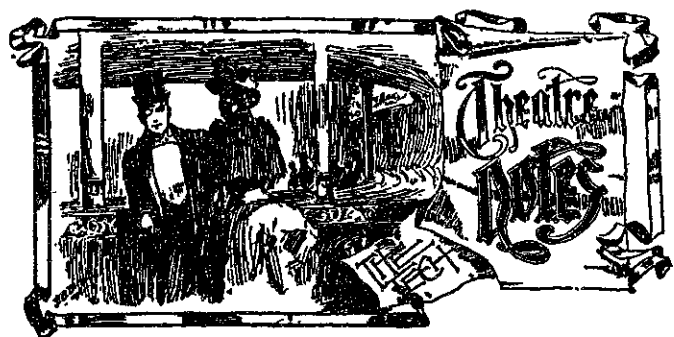
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Park Theatre.—"Lost, Strayed or Stolen," the big musical comedy success which has been crowding the Fifth Avenue Theatre to the doors for over 100 nights, comes to the Park Theatre next week.

Boston Museum.—Bret Harte's latest dramatization, "Sue," is now being given at The Museum. The play is full of true humor and telling pathos, and holds the attention by its unusual spirit and its unusual story. Bret Harte's stories always move the heart with a sure touch, and his characters, like his fiction, are always convincing.

Hollis Street Theatre.—Theatre-loving Bostonians are sure to go in droves to the Hollis to see "The Heart of Maryland," which is one of the most intensely interesting, picturesque, and thrill-

ing plays given in this city for years. There is no mistaking the genuine worth of the play, and its phenomenal reception here opening night, when men and women rose in their seats and cheered, was a scene not witnessed at the Hollis or any Boston play house for years.

Tremont Theatre.—On Monday, Dec. 7th, the Liliputians will begin their engagement at the Tremont Theatre, in their new spectacular play, "Merry Tramps," which has just achieved a sensational success in New York. It is said to be a thoroughly charming piece, in which all the clever little people, especially Franz Ebert, Selma Goerner and Adolf Zink, have better opportunities than ever for the display of their talents.

Castle Square Theatre.—For the week beginning December 7th, "Faust" is to be given at the Castle Square Theatre. This opera was magnificently rendered by the company last year, and as "Faust" is the opera of operas to all music lovers, it is always greeted by crowded houses.

Boston Theatre.—Bostonians are enjoying a season of Italian opera, and if other presentations of operas to come are of an order of merit equal to those of this week, the season at the Boston Theatre will prove really memorable.

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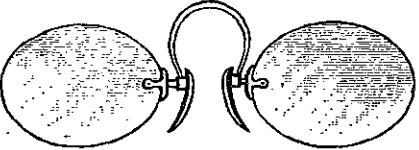
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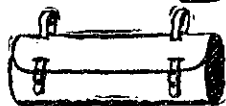
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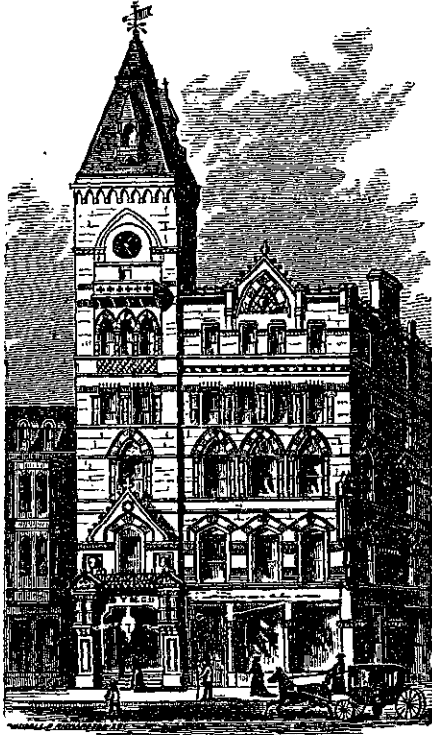
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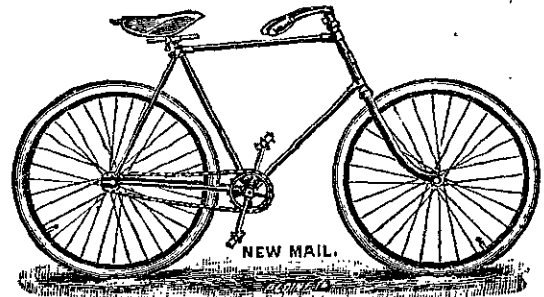
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