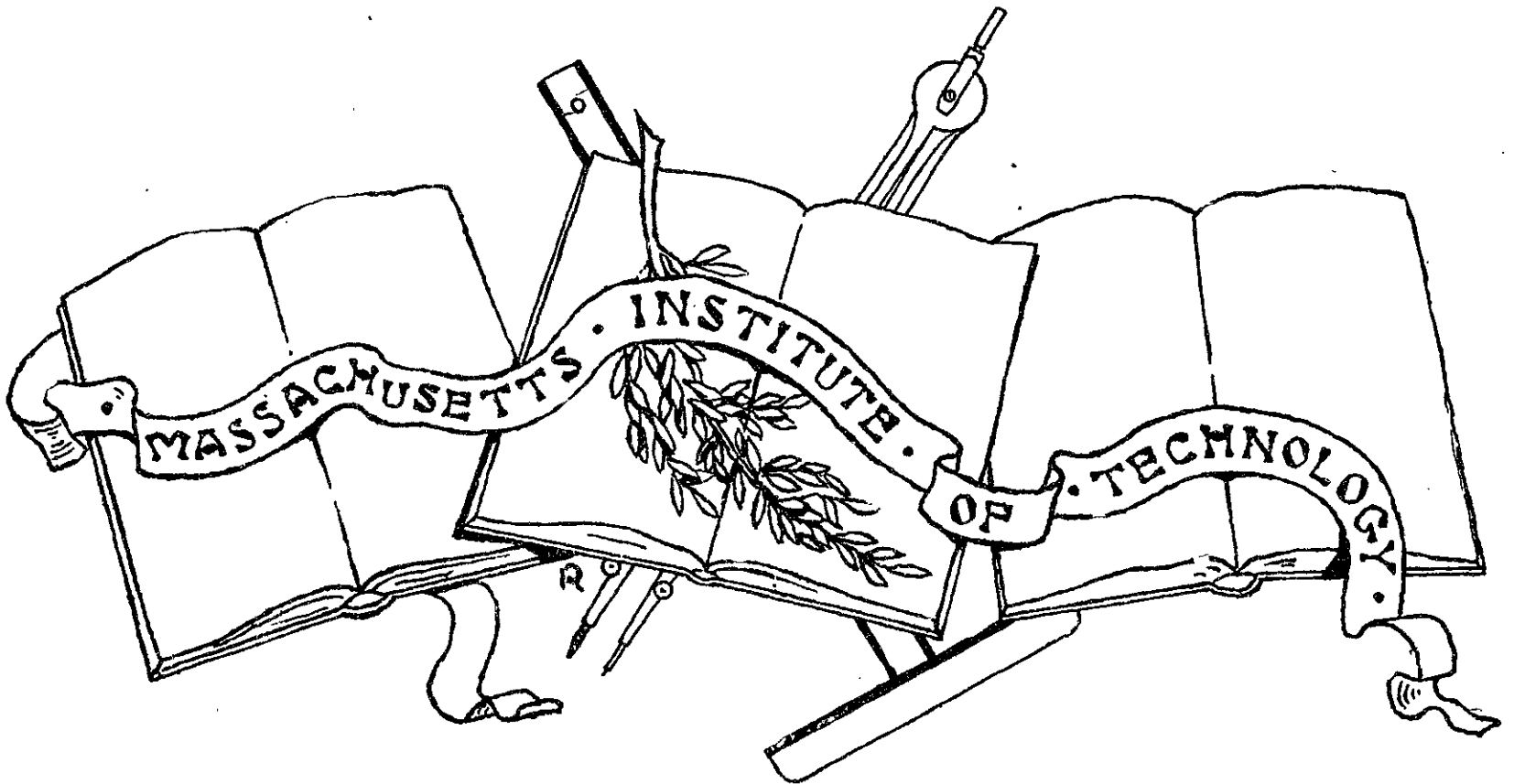
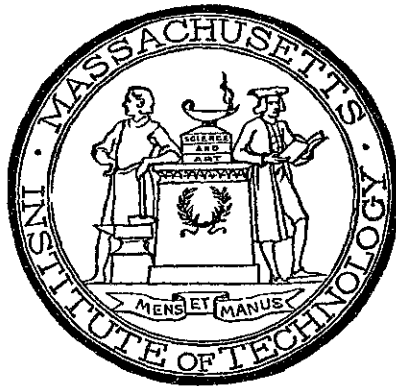


THE TECH



BOSTON, MASS.

VOLUME XVI.

NUMBER 2.

OCTOBER 15, 1896.

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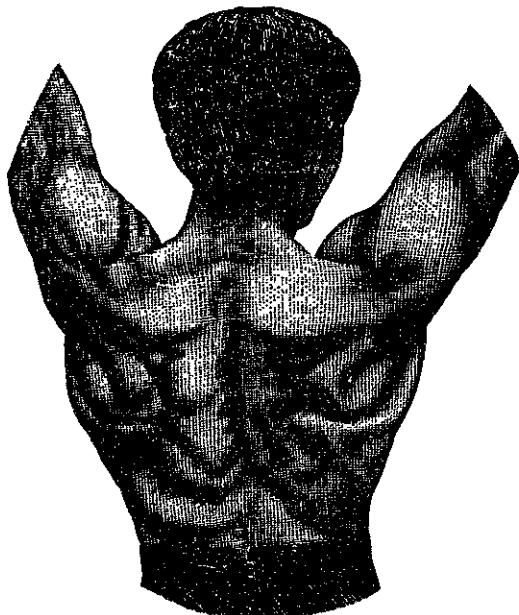
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THE TECH

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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.
LESTER DURAND GARDNER, '98.
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 student 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.

THE communication in another column exposing a plagiarism committed upon the '95 "Technique," impels us to speak of a similar depredation of which THE TECH has been the victim. A poem entitled The Two Powers, written expressly for THE TECH, was published in the Junior Week number last year. It was reproduced, word for word, under the name The Flower and the Sword, in *Munsey's* for September. What was more, some one had had the effrontery to sign his name in full to the verses. Undoubtedly it is to him, and not the publishers of the magazine, that the theft is due, but they should take pains not to be imposed upon again.

CAPTAIN GROSVENOR is pushing the affairs of the Track team with vigor, and every loyal Technology man should turn out for the mass meeting called by him and by the football men for to-morrow. Two bits of good news will be announced at this meeting.

First, Mr. Putnam, the Harvard high jumper, who has entered in '98, will train candidates for that event, in which perhaps we are weaker than in any other. Second, Colonel Pope has offered to present a Columbia bicycle to the man winning the greatest number of points during the year. The Meets whose points will count are the Fall Handicap Games, the Cross Country Run, the Closed Indoor Meet, the Open Winter Scratch Games, the Closed Spring Meet, and the Worcester Meet. Points in the Worcester Meet count three times as much as the others. Mr. Grosvenor himself will not enter this competition, as he won a bicycle offered on similar terms by Colonel Pope, at Amherst.

"JOHNS HOPKINS closes its doors to women. This sounds like a retrograde movement on the part of this very modern university. The columns of this magazine are open to President Gilman to explain."—*Bachelor of Arts*.

The *Bachelor of Arts* is a magazine published in the interests of American Universities. It represents the graduate and undergraduate alike, and its policy is one of advancement and progress. The above clipping from its pages is suggestive of the way in which co-education is to-day regarded. Ten years ago editorial comment like the above would have been phenomenal.

THE representation at the first football game on the home ground was very meager. At this time if ever the team should be assured of the stanch support of the college by the rousing cheers which come from crowded bleachers. The influence which

enthusiastic rooting has on the work of a team is a very real and important one. It is not a lack of good will that keeps men away, but a certain indolence that always prevails in a large institution; a feeling that some one else will do the work if you neglect it yourself. Every man should feel, however, an individual responsibility, even at the sacrifice of a little time and a little money, to support the team, whether it wins or loses; not because of the merits of the team itself, but just because it is the team that is fighting for the red and gray.

WITH the completion of the new Union Station will come a most unexpected increase in the value of the property belonging to the Institute which borders on the railroad tracks of the New York, New Haven & Hartford Railroad. Not only will the noise and smoke disappear, which alone would be a gain, but the city government is thinking of replacing the tracks by a magnificent street, to terminate with a Music Hall, located on the present site of the Park Square Station. Any such plan as this would greatly enhance the value of the Institute property between Clarendon Street and Trinity Place.

Perhaps the projected Chemical Building may yet be a reality before another year opens.

IT is of the greatest importance that the hearty support of the students be given, both financially and personally, to the encouragement of the 'varsity and class football teams. One of the best means of securing good material is for the different courses to organize teams, as by this means many good men who are too shy or too reticent to apply for positions on the team will be brought to the attention of the 'varsity captain. It is sincerely hoped that within the next week at least two thirds of the courses will have organized, and made arrangements for games.

IT is the custom of THE TECH to mail the paper to all members of the entering class at the beginning of the year. The first number was not so sent this year, on account of unavoidable delay in getting the addresses from the Secretary's office. Beginning with this number, however, the custom will be followed as usual. All men who do not wish to subscribe are requested to notify the manager as soon as possible, in order that their papers may be discontinued.

WE regret to announce the resignation of Mr. H. D. Vanderhoof from the Editorial Board of THE TECH. Mr. Vanderhoof is forced to leave college for a time, but hopes to return by January.

Charles Mayo Swan.

MANY of us feel the loss of a personal friend and a faithful worker in the death of Charles Mayo Swan. He was a member of the Class of '97, and the treasurer of the M. I. T. Y. M. C. A. His record as a student has been a worthy one. The following is quoted from the testimony of a close friend:—

“Saturday, May 9, 1896, was Charles Mayo Swan's last day at Technology, and on the evening of the same day he did his last studying. May 10th he had an interview with his physician, who advised him to go to bed for a few days. He returned home, temporarily arranged his books and papers, wrote letters of explanation to Professor Sedgwick and Dr. Tyler, and then voluntarily and cheerfully, but with a keen sense of the loss it meant of school work, went to bed, hoping soon to regain strength, but, as it proved, never again to leave the house. His illness was full of suffering to the very last. His Christian fortitude through it all, without a murmur or complaint, was ever a wonder to his dear ones. He died near midnight Friday, July 31st. Age, 20 years 10 months 5 days.”

COMMUNICATIONS.

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

TO THE EDITORS OF THE TECH:—

In looking over the annuals of various colleges, I noticed "The Transit," published by the Junior Class of the Rensselaer Polytechnic Institute, at Troy, N. Y., and was immediately impressed with the familiar aspect of the frontispiece of that book.

We should at least give the designer credit for good taste, because that which met his approval was the beautiful frontispiece drawn by Mr. Frank Bird Masters, '95, which appeared in the '95 "Technique!" The copy is faithful to minute details, the artist merely having changed the coloring from blue and gold to green and gold, and having somewhat altered the central idea. The same Wreaths of Honor are scattered about in picturesque confusion; the seal, bearing its peculiar style of lettering and its broken edge, is not lacking; but the crowning feature of the whole work is the signature of the artist. He has reproduced Mr. Masters' signature exactly as regards style of lettering, and moreover has gone to the extent of adding the flying birds which are the peculiar proof mark of Mr. Masters' work.

Now, I realize to the full the fact that Technology's artists and Technology's methods are not as are the artists and methods of other institutions. We can pity those struggling students at Troy in their endeavors to produce a work approximating "Technique,"—we would gladly offer them our services and the benefits of our experience if they would but call upon us,—but I feel, and I share the sentiment of the entire Technology world, that we do not care to lay open our treasures to the inhabitants of the whole earth, even to the uttermost parts thereof, for every man to take his fill and then to make off without a word of gratitude! Let them come in a suitably humble attitude and beg for our crumbs, and they shall find that the banquet is free to them.

I would suggest to our friends of "The Transit" that hereafter they *originate* their *master-pieces* or else acknowledge their indebtedness before the world.

"X."

President Walker's New Degree.

EDINBURGH UNIVERSITY added another to President Walker's long list of honors by

conferring upon him the degree of Doctor of Laws, on the first of August last.

In introducing him, Professor Sir Ludovic Grant spoke as follows:—

Professor Francis Walker enjoys the distinction of being the best known political economist of the United States of America. But it is right that I should mention—and the coincidence is curious—that he, too, before he had applied himself to what is peculiarly an art of peace, was called upon to learn the great art of war. While he was yet a student his country was plunged in civil war; he joined the Volunteers, and in virtue of courageous service and wounds received was raised to the rank of Brigadier General. The story of that stirring time he has told in his "History of the Second Army Corps." Since that period the contributions which Professor Walker has made to the literature of economics are of an importance which it would be difficult to overestimate. His book, "The Wages Question," contributed largely to the revolution in economical opinion on the subject of wages, not only wherever the English language is spoken, but in all parts of the civilized world. His work on "Money," remarkable for the lucidity with which the dark problems relating to the medium of exchange are discussed, and for its impartial survey of monetary doctrines, is acknowledged to be indispensable to all who would aspire to an understanding of currency questions; and a very high reputation and wide popularity is enjoyed by his "Political Economy," his "Money, Trade, and Industry," and his "Land and its Rent." The offices which Professor Walker has been called upon to fill are many and important. He has superintended the Census; he has been Commissioner on Indian Affairs; he represented his country at the great International Monetary Conference, 1878; and at the present moment he is President of the Technological Institute, Boston, one of the most important institutes in the world. The University of

Edinburgh extends a cordial welcome to the illustrious representative of American culture, and is sensible that she is honoring herself in asking Professor Walker's acceptance of the highest honor in her gift.

The Republican Club.

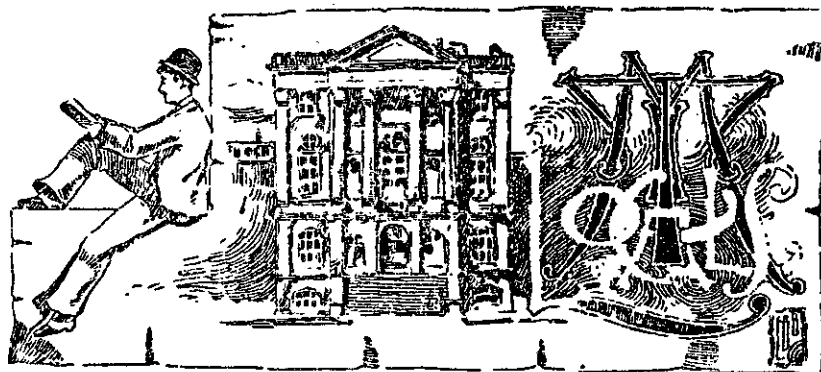
THE meeting called last Saturday in Huntington Hall to organize a Republican Club, was large and enthusiastic. Mr. G. H. McCarthy called the assembly to order, and Mr. W. Bancroft and Mr. A. L. Hamilton were chosen President and Secretary, *pro tem*. Mr. C. H. Young, '96, of Canton, spoke of Mr. McKinley's feeling toward Technology. Mr. Young, Mr. McCarthy, and Mr. Winslow, were appointed to draw up resolutions, and the following were read by Mr. Young and adopted:—

We, the Republican Club of the Massachusetts Institute of Technology, believing in the principles of International Bimetallism as set forth by our honored President, Francis A. Walker, and feeling that the present silver agitation will strike a most deadly blow to the cause of true bimetallism, do hereby indorse the principles of the Republican party, as set forth in the St. Louis platform.

And, further, we most heartily indorse the principle of a protective tariff, as set forth by the Republican party, and championed by its glorious leader, William McKinley.

We recommend that these resolutions be published in THE TECH, and a copy sent to Major McKinley.

The following officers of the Republican Club were elected, and given charge of the management of Technology's share in the Intercollegiate parade. President, H. A. Noble; First Vice President, W. Humphreys; Second Vice President, G. H. McCarthy; Secretary, A. L. Hamilton; Treasurer, T. Washburn; Members of Executive Committee, C. W. Bradley, H. I. Lord, E. H. Hammond, C. B. Cotting.



The regular drill for the first-year class began October 14th.

Watkins, '98, and Daly, '98, Course V., have not returned this fall.

Jenkins, Harvard, '96, last year secretary of the H. A. A., has entered the Institute.

Woolet, who entered '98, has returned to pursue his studies with '99 after a year's absence.

Professor W-d: "Now, if instead of a triangle you take a triangle of twice the number of sides —"

Miss Garrett, who entered Technology with '98, but who was absent last year, has returned to pursue her studies.

The Freshman Class is using a new edition of Professor Wells's Trigonometry, in which great changes have been made.

The Free-hand Drawing of the Third-year Architects is now carried on in the lower floor of the Museum of Fine Arts in Copley Square.

Robinson, '98, has left Technology and is engaged in work upon the Subway. This leaves the position of guard on the 'varsity vacant.

Two of the Fourth-year sections in the Engineering laboratory contain thirty-one men each. These are the largest sections ever handled.

Fourth-year men in Physiology have their exercises by themselves now, instead of with students of Boston University, and other special students.

Trials for the Glee Club were held last week, and the following are the successful candidates: Adams, McCrandden, Shumaker, Witherell, Dean, and Ziegler.

"Course X. is a combination of Mechanical Engineering and Chemistry, isn't it?" asked a Freshman of Sophomore. "Yes," replied the Soph. "II. times V. are X."

The number of students registered in the Mining Engineering Course this year is larger than formerly, including about twenty members of the Sophomore Class.

Mr. E. H. Hammond, president of the Class of '99, who was unable to commence work at the opening of the college year, on account of a severe attack of malaria, has returned to Tech.

The prospects of the Glee Club are most promising this year, as the debt of the Club which was contracted two years ago has been entirely canceled, and the coming year opens with a clean financial page.

Professor Sedgwick announces that the new course in Industrial Biology is the first and only course of its kind in the world. There are a dozen men taking the course now, and its success is undoubtedly assured.

During the summer, Messrs. Alden and Currier, Course II., '97, made a test of the boiler and engine plant of the *Boston Journal*. Determinations were also made of the amount of power used by the various presses and other machinery.

The Third and Fourth Year Chemical Laboratory, as well as the Organic Laboratory, has received a complete renovation and partial re-equipment during the summer months. The Chemical Library has been moved downstairs to make room for these improvements.

A new lathe has been placed in the shop of the mechanic of the Physical department. It was made by the Fitchburg Machine Works, and has a fourteen inch swing and seven foot bed. All the machinery in the shop has been arranged to be run by an electric motor.

All the members of the Institute whose homes are in Chicago or the immediate vicinity, and

who desire to become members of the Chicago Club, can have their names proposed at the next meeting by notifying the secretary, Mr. W. G. Zimmerman, through the medium of the "Cage."

Several meetings have been recently held in regard to the formation of a string sextette. It is desired to organize a sextette comprising piano, two first, and one second violins, viola, and 'cello. Messrs. Neidich and Cleaveland, '98, have been chosen temporary leader and manager respectively.

The three '96 men who were recommended to the Adjutant General of the U. S. army at Washington, as having shown special aptitude for military service in their Freshman battalion, were, in order of merit: Benj. Hurd, Brookline, Mass.; John Tetley, West Troy, N. Y.; A. E. Smyser, Brookline, Mass.

All men who have ever sung or who think they can sing, especially men of 1900, should make an effort to gain a position on their College Glee Club. The Glee Club is in dire need of tenors, and it certainly seems as though some good tenor voices ought to be forthcoming from upward of thirteen hundred men.

At the first meeting of the Society of Arts, last Thursday, Professor Sedgwick read a paper on the Milk Supply Problem, and detailed the work done at the Institute upon this subject. This was followed by a paper on the Causes of Spoiling in Canned Goods, by Mr. S. C. Prescott and Mr. W. L. Underwood.

A 36 horse power Otto gas engine has been placed in the steam laboratory. It has been belted to the $2\frac{7}{16}$ inch line of counter shafting, and will supply power for the laboratory, thus making it unnecessary to start the large engine when only a small amount of power is needed. The engine is also intended for experimental purposes, and is supplied with all the necessary arrangements.

At a mass meeting of the students of Phillips-Andover Academy held last week, the general sentiment of the school was found to be in favor of a renewal of the old contests with Phillips-Exeter. The last game was played in the fall of '93. The news of a reconciliation will be hailed with joy by all the alumni of both schools. We have four men each from Andover and Exeter in our entering class this fall.

A special course of lectures on Higher Geometry, with particular reference to the theory of surfaces and twisted curves, has been arranged by Professor Woods. The lectures will be given on Tuesdays and Thursdays, and will probably continue throughout the year. Illustrations will be given by means of the set of mathematical models which were secured by Professor Bartlett during the summer.

Candidates for the Mandolin and Banjo Clubs were given a trial on Monday, October 5th, in 26 Walker. There were a good number of new men, especially for the mandolin parts, and the Clubs will not be handicapped, as to a certain extent they were last year, by a scarcity of men who play guitars. The men are given a trial as to their ability to play easy music at sight, as well as to their skill in execution. Addicks, '99, took charge of the candidates.

The members of the field party, Third-year Course I., were prevented from taking the accustomed jaunt on railroad reconnoissance on Wednesday, October 7th, by the threatening weather. The party, consisting of about forty men, were to proceed by train to Roslindale station on the N. Y., N. H. & H. Railroad, and from there reconnoitre a layout to Chestnut Hill on the B. & A. Railroad. The expedition was postponed till Wednesday, October 14th, if pleasant.

The laboratory of Applied Mechanics will open soon. The work on the Emery machine will be a continuation of a series of tests begun last year, on the crushing

strength of wrought iron pipe columns. On the 100,000 pound tension machine, tests will be made of one inch bars of refined iron and Bessemer steel. The cloth-testing machine, which was overhauled and greatly improved last spring, will be used in the regular laboratory work to investigate the strength of twines.

Mr. J. W. Smith, Course XIII., during vacation, conducted two thirty-six hour duty tests on the pumping plant of the city of Lawrence. The city went to a considerable expense in preparing for these tests. A forty-three inch weir was made, and located in the middle of the reservoir, for measuring the water, the necessary changes were made in the piping at the boiler house, and nothing was left undone to secure a complete and accurate test. The observers worked in watches of twelve hours each, and were all either alumni or undergraduates of the Institute.

The Fifth-year Architects have received as a problem for design, "The Buildings of a Polytechnic Institute," while the Fourth-year men have the Principal Building of the same, and the Third-year men are to design the Façade and Vestibule for the principal building. This subject seems to be an excellent problem for a design as, aside from bringing the students of the three upper classes of the Architectural Course into a close relation with one another, it offers an admirable opportunity for men to copy and expand upon the numerous good points of our own Institution, as well as to exercise their originality in suggesting changes wherein the buildings of the Massachusetts Institute of Technology might be materially improved.

New Appointments.

THE following new appointments are announced: A. T. Robinson, Instructor in English; Arthur W. Weyssse, Ph.D., Instructor in Biology.

The following Assistants have been made Instructors in their respective departments:

George B. Haven, S.B., in Mechanical Engineering; Frank P. McKibben, S.B., in Civil Engineering; Joseph W. Phelan, S.B., in General Chemistry; Alexander W. Moseley, S.B., in Mechanical Engineering; William J. Drisko, S. B., in Physics; James F. Norris, Ph.D., in Organic Chemistry; Samuel C. Prescott, S.B., in Biology.

The following new Assistants have been appointed: Amadeus W. Grabau, S.B., in Geology; Albert J. Wells, S.B., in Mechanical Drawing; Reuben E. Bakenhus, S.B., in Civil Engineering; Charles M. Spofford, S.B., in Civil Engineering; Harold C. Stevens, S. B., in Civil Engineering; William L. Root, S. B., in Oil and Gas Analysis; Harrison W. Hayward, S.B., in Industrial Chemistry; Ralph R. Lawrence, S.B., in Physics; George K. Burgess, S.B., in Physics; William D. Coolidge, S.B., in Physics; Leonard H. Goodhue, S.B., in Industrial Chemistry; Minor S. Jameson, S.B., in Civil Engineering; Edward M. Bragg, S.B., in Mechanical Engineering; Frank B. Masters, S.B., in Mechanical Engineering.

Colby 4; M. I. T. 0.

WEDNESDAY, October 7th, the Colby and M. I. T. teams lined up against each other for the first time. The game started with the ball in Tech.'s hands. Underwood kicked to the 25-yard line. By sharp rushing Colby advanced the ball to the middle of the field, when Tech. secured it on a fumble, only to lose it the next minute in the same way. Colby gradually worked the ball to Tech.'s 20-yard line, where Tech. got it on downs. Nolte fumbled and Tech. lost the ball. By short rushes Colby was able to score just as the first half ended. No goal. Score, Colby 4; Tech. 0.

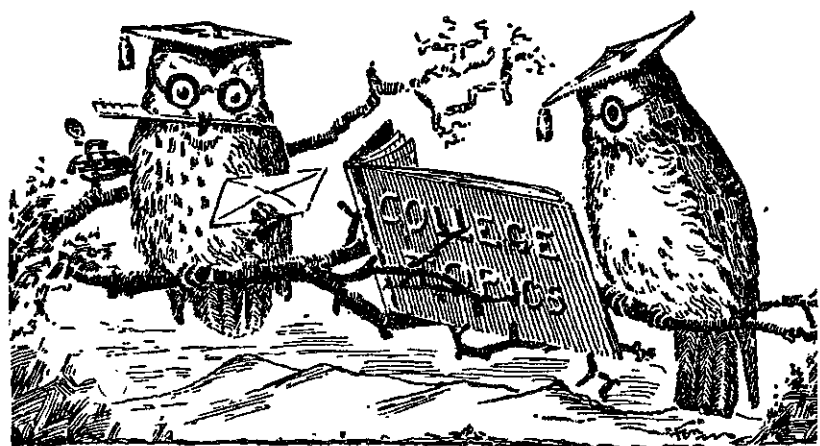
In the second half the play was harder. Colby kicked the ball along the ground on the kick-off. Good rushing by Fairbanks and Emery advanced the ball toward the center of the field, when Heckle was hurt. After a

few minutes, play was resumed. Then Colby worked the ball to Tech.'s 25-yard line. Le Baron secured it for Tech. on a fumble. Fairbanks gained 5 yards, and Tech. got 10 yards for offside play. Emery made 8 yards, and Tech. lost a yard on the next rush.

Colby then got the ball on downs and rushed it rapidly to Tech.'s 10-yard line, when Tech. secured it. Underwood kicked out of bounds, and time was called with the ball on Tech.'s 25-yard line. Score, Colby 4; Tech. 0. Fifteen minute halves were played. The line up was as follows: Center, McCormick; right guard, Ulmer; left guard, Schmidt; right tackle, Osgood; left tackle, Springer; right end, Le Baron; left end, Heckle; quarter, Nolte; right half back, Fairbanks; left half back, Emery; full back, Underwood. Referee, F. E. Mansfield, '97.

M. I. T. 0; Campello A. A. 0.

TECHNOLOGY played to a tie once more, last Saturday, this time at Campello. Our team had rather the advantage in ground gaining. Emery and Sanchez both played well, and Underwood's punting saved a touchdown in one case. Mansfield returned to the team for the first time and strengthened it greatly. Ulmer was missed in the line, his lame shoulder rendering it impossible for him to play. The men showed great slowness in breaking through the line, and waited till the man with the ball had a good start before attempting to tackle. A good deal more attention might have been given to the game and less to "scrapping." Nevertheless the Campello men are a heavy lot, and the showing made by our team was by no means discouraging. The men played as follows: Heckle, left end; Nesmith, left tackle; McConnell, left guard; McCormick, center; Schmidt, right guard; Osgood, right tackle; Le Baron, right end; Mansfield, quarter back; Emery, half back; Sanchez, half back; Underwood, full back.



The usual reports of "largest entering class," are to be found in the current number of the college and daily papers. Brown University seems to be an exception to the general rule, and although with a greater total enrollment, reports a smaller freshmen class than last year. A fairer way to estimate college progress would be to compare the size of the graduating class for successive years.

The question of college expenses is discussed in pamphlets issued by several of our most prominent colleges. In these pamphlets statistics are given, showing the sum for which it is possible to complete courses at the respective institutions. The figures range from \$300 to \$400 a year. These figures seem hardly just or correct. While it may be entirely possible to maintain college residence and attend college recitations for the low sum mentioned, it is hardly fair to say that these sums represent college expenses. Purely necessary expenses are easily enumerated; the items are few and exact: room, tuition, board, and absolutely essential textbooks. But these essentials barely cover the preliminaries of college life. There is a vast difference between college residence and enjoying the manifold privileges and association of college life. The chief benefits of the period spent at college, can be obtained only by the most thorough participation in the various fields of undergraduate activity. This necessitates the financial as well as active support of the student, and there is introduced an ever-fluctuating factor in the list of college expenses.

Alumni Notes.

'73. The contract for section ten of the Boston Subway has been let to the firm of Shaler & Schniglan, of Chicago. Mr. Shaler is a graduate of Course I.

'77. Mr. H. H. Carter, Course I., is the consulting engineer of the Metropolitan Construction Company, which is engaged in operations on the Subway.

'83. An interesting letter was received from Harvey S. Chase, of Course II. Mr. Chase was editor of THE TECH during its second year, and sends best wishes for its welfare.

'89. Mr. F. H. Cilley, of Course I., returned during the last summer from Europe. He has spent the last few years in a special study of Mechanics in France, Switzerland, and Germany.

'91. Mr. James Swan, Course II., sailed a week ago Wednesday on the Armenian. He is bound for Scotland, where he will spend a year at Glasgow, taking the course at the University in Architecture. Mr. Swan is Professor Peabody's assistant in Naval Architecture, and is at present on a leave of absence.

'94. Mr. Austin Sperry, Course II., is taking option in Architecture at Glasgow.

'96. Despite "hard times" the demand for those holding degrees obtained at Technology continues. As fast as possible we are inquiring the location of the '96 graduates. Courses I. and XI. are nearly all heard from at the present writing. Of thirty-five men in all, three have returned to Technology as assistants or instructors; Mr. Jamieson, taking Mr. Lyon's place with Professor Allen, while Messrs. Bakenhus and Stephens have signed articles to stand by Professor Burton during the year; three have returned as students; twenty-four are employed; one has just returned from Europe; the remainder, four in number, have not been heard from.



F. D. Chase, 1900, from Evanston, Ill., has won many prizes in bicycling, and is a very fast rider.

Last year's victorious relay team has returned to the Institute entire this year. It should win some indoor races this fall.

Morton, 1900, who graduated from Exeter in '95, is a crack rope climber, and Oppenheimer, also from that school, plays good football.

H. Cummings, Jr., our champion mile runner, and captain of the '96 'varsity Track team, has returned to the Institute for a P. G., and will incidentally add five more points to our score at Worcester next spring.

Captain Grosvenor has announced that the Fall Meet of the Athletic Club will be a handicap meet. This gives new men a fine chance, and was adopted in order to bring them out. The Meet takes place on the 24th of this month.

Ninety-nine Football team met October 1st, and elected K. M. Blake captain. Three games are already scheduled for the team,—Brookline High, October 17th, Medford High, October 24th, and Needham A. A., October 31st. Games are much desired for November.

The Harvard Football Schedule is as follows: Oct. 10, Newton A. A. at Cambridge; Oct. 17, Brown at Cambridge; Oct. 24, Cornell at Ithaca; Oct. 31, Carlisle Indian School at Cambridge; Nov. 7, Princeton at Cambridge; Nov. 21, U. of P. at Philadelphia.

Some of our men are at present interested in forming a fencing class, under Mr. Boos, and need a few more to make a sufficient

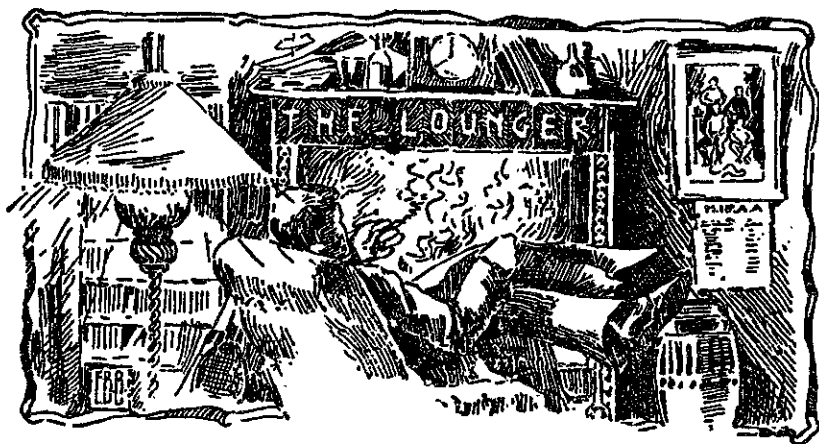
number. The initial outfit costs about \$4.50, and the fees will be \$3 per month for two lessons (evening) per week. Mr. Boos has reduced charges to this merely nominal fee on account of his own intense interest. The exercise is one of the most beneficial, though it has ceased to be as prevalent as was necessary in old duelling times. It trains equally the eye and hand, and every muscle of the body is brought into constant play. Besides this individual muscular benefit a man gets with proficiency in this noble art an easy grace and muscular self-command that would otherwise in many cases be hard to acquire.

In response to a request we publish the following summary of the spring games of the M. I. T. A. C. last May: 100-yard dash, 1st, Grosvenor, '98, 2d, Gray, '97, time, 10 2-5 sec.; 220-yard dash, 1st, Grosvenor, '98, 2d, Pugh, '97, time, 24 1-5 sec.; 440-yard dash, 1st, Stebbins, '97, 2d, West, '99, time, 56 sec.; 880-yard run, 1st, Stebbins, '97, 2d, Lathrop, '99, time, 2 m. 8 sec.; 1-mile run, 1st, Hooker, '97, 2d, Campbell, '99, time, 5 m. 2 sec.; 2-mile run, 1st, Osgood, '97, 2d, Rumery, '98, time, 11 m. 53 sec.; 120-yard hurdle, 1st, Ferguson, '99, 2d, Rumery, '98, time, 17 3-5 sec.; running high jump, 1st, Butcher, '98, 2d, Ferguson, '99, height, 5 ft. 4 in.; running broad jump, 1st, Butcher, '98, 2d, Kimball, '99, distance, 20 ft. 8 in.; pole vault, 1st, Butcher, '98, 2d, Kimball, '99, height, 9 ft. 2 in.; putting 16-pound shot, 1st, Jones, '98, 2d, Kimball, '99, distance, 35 ft. 1 in.; throwing 16-pound hammer, 1st, Jones, '98, 2d, Lootz, '96, distance, 82 ft. 11 in. The Class of '98 won the championship for the year with nearly one hundred points.

TO THE CLASS OF '00.

Hail to the novel nonentities
Blessed with the cipherous name!
Under the shade of our classic trees
We are dumb glad you've come.

—Harvard Lampoon.



THE virtue of altruism is one which, from the earliest ages, has been inculcated by all moral philosophers. Far be it, therefore, from the Lounger to undermine the lessons of his distinguished predecessors. Nevertheless there exist certain limits. The above remarks are apropos of the fact, delivered upon good authority, that certain members of the Freshman Class have been subscribing for the support of the Sophomore Football team. The young men, members doubtless of the Y. M. C. A., said to themselves: "Here is a man who comes to me and asks for money. Should I not give to those who ask me? And for his Football team—a worthy object. I will give of my gold and silver to this deserving man for this worthy object." Truly his is a mode of thought quite unimpeachable, and yet this is a wicked world we live in. The corrupt worldling will not see the matter in this light as does the Lounger. He will not say: "Here is a worthy youth setting us all an example of Christian charity. Let us imitate him;" rather he will say: "Here is a witless person who has not sufficient knowledge to retire under shelter when liquid drops descend from the heavens. Let us fleece and rob him." Therefore should the man of 1900 save up his shekels for his own eleven.

The Lounger was ensconced in a quiet nook at the opening exercises of the Technology Club last week, and enjoyed to the full the convivial spirit of the occasion. But a remark in one of the speeches caused his blood to curdle for a moment by the pictures it conjured up. President Walker, in speaking of the advantages of the Club, said, "Here at the expense of a little tobacco the Professor can gain the confidence of the student." Imagine the guileless undergraduate entering the hall, whistling perhaps gayly in the innocence of his heart. But the pure glee of the child moves not the stern purpose of the dissembling Prof. With a smile of affected gayety he advances from some dark corner, greets the newcomer as Mr. Jones, of

Hayville, and leads him up stairs, locked arm in arm. Then he produces his deadly weapon, a bribe and a knockout in one. If the victim is a Senior, a three-for-a-quarter will be necessary; if a Junior, a five-center will do the business. A Soph. would naturally be approached with a bulldog pipe, and a Freshman slaughtered by a rattan cigarette. Whatever be the weapon, the result is the same. The undergraduate lolls back in fancied security, and, his faculties benumbed by the nicotian drug, quickly succumbs to the wiles of his ruthless captor.

It is refreshing, indeed, to see our embryo politicians given a chance to exercise their talents in larger fields even than those furnished by Class Day and Technique Electoral Boards. The rally on Saturday was a glorious success, and conclusively proves the value of a Course IX. training. Indeed, this matter is beyond any doubt, for do not more men change into Course IX. after entrance than into any other course? One thing, however, these larval bosses neglected. They should have seated their men in different parts of the hall, because the affair would have seemed more spontaneous if all the motions had not come from one place.

The Lounger, from his exalted literary position, is the recipient of a great deal of poetry. Some of it is bad, and some is rather worse. Last week he received, however, an effusion which he feels should be transmitted to posterity. Its only fault is a suspicion of personal feeling; it bears signs of being composed by a Sophomore to cast ridicule upon the Class of 1900, and the suspicion takes away from its purely literary value. It runs as follows: New Hundred; a hymn prescribed to be sung in chapel: dedicated to the class of "ugh-ugh," and to the proposition that all Freshmen are fit butts for ridicule and for Springfield Cadet Rifles.

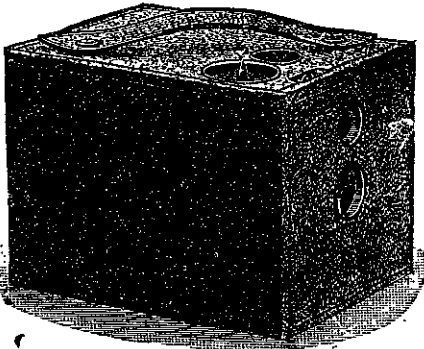
Survey our freshness not with scorn;
'Tis not our fault that we were born.
But keep us e'er from fearful pounce
Of our dread ruler, L-n-s F--nc.

WHAT THE WILD WAVES SAID.
Do you hear the ocean moaning,
Ever moaning soft and low!
'Tis because that fat old bather
Stepped upon its undertow.

—The University Herald.

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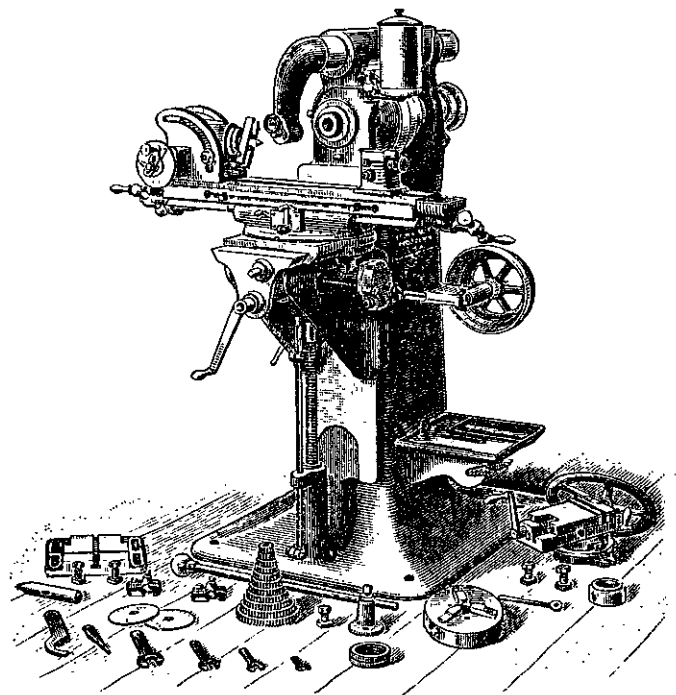
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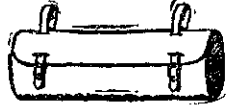
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Boston Theatre.—“The Old Homestead’s” worth seeing; and that is why people are continually following the human maelstrom. With each performance “The Old Homestead” seems more enchanting, and crowded houses prove the ever-increasing popularity of the famous old play.

Park Theatre.—“The Strange Adventures of Miss Brown” returns to the Park Theatre, October 19th. The play is certainly interesting, witty, and funny. There will be a whole carload of new scenery, to say nothing of the bevy of pretty girls.

Boston Museum.—“The Two Little Vagrants” at the Museum is a great success, and the play affords considerable ground for discussion regarding the merits and demerits of the modern school of melodrama, and is attractive to dramatic students as well as the regular theater-goer. The theatre has been the scene of a succession of box parties, and the rest of the house crowded as usual.

Hollis Street Theatre.—The popular Holland Brothers begin a limited engagement at the Hollis, October 19th. The repertory as follows: the first four days and Wednesday matinee, a double bill. The curtain raiser is entitled “1871,” a dramatization of Daudet’s “Siege of Berlin,” followed by “A Superfluous Husband.” Friday and Saturday the Hollands will be seen in their great success of last season, “A Social Highwayman,” which no one can afford to miss seeing.

Tremont Theatre.—“The Wizard of the Nile” is one of the decided comic opera successes of the season. Mr. Daniels’ company is the same as that which appeared here last season. Mr. Harry B. Smith has written several new verses for the popular “Starlight,” and Mr. Daniels’ season at the Tremont is proving decidedly prosperous.

Castle Square Theatre.—“The Chimes of Normandy” will be given at Castle Square during the week beginning October 19th. This is one of the most popular of all the operas given by that most popular company, and Clara Lane is seen and heard in her most fascinating role. The music throughout is exquisite, and, with possibly one exception, there is no light opera of to-day which contains so many “catchy” airs.

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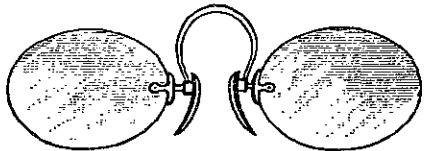
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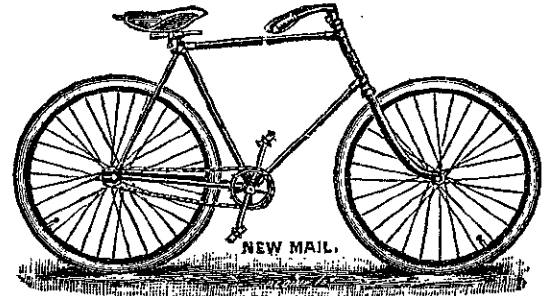
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