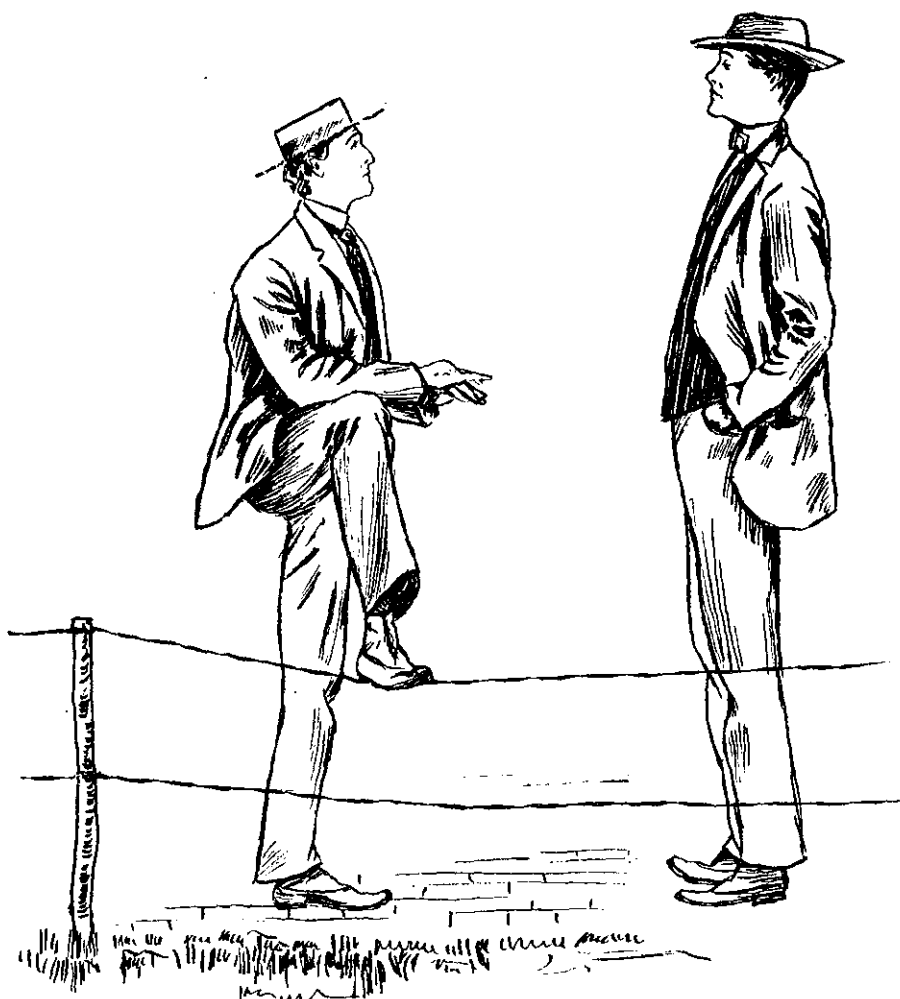




THE TECH

BOSTON, MASS.



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VOLUME XVII.

NUMBER 1.

OCTOBER 7, 1897.



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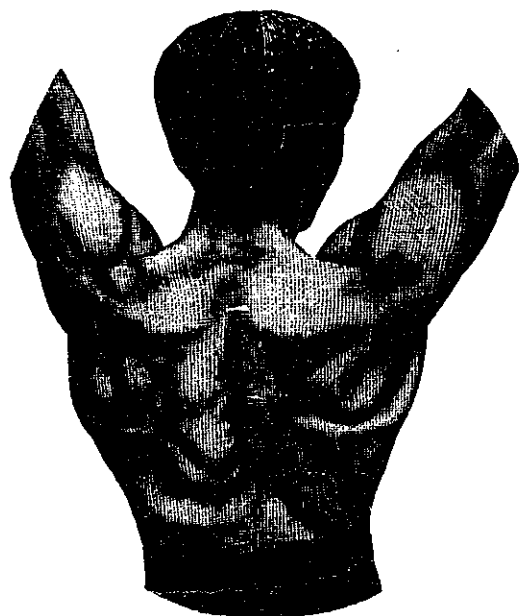
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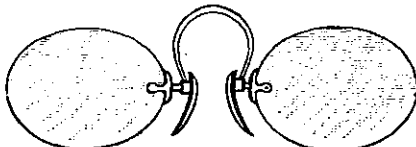
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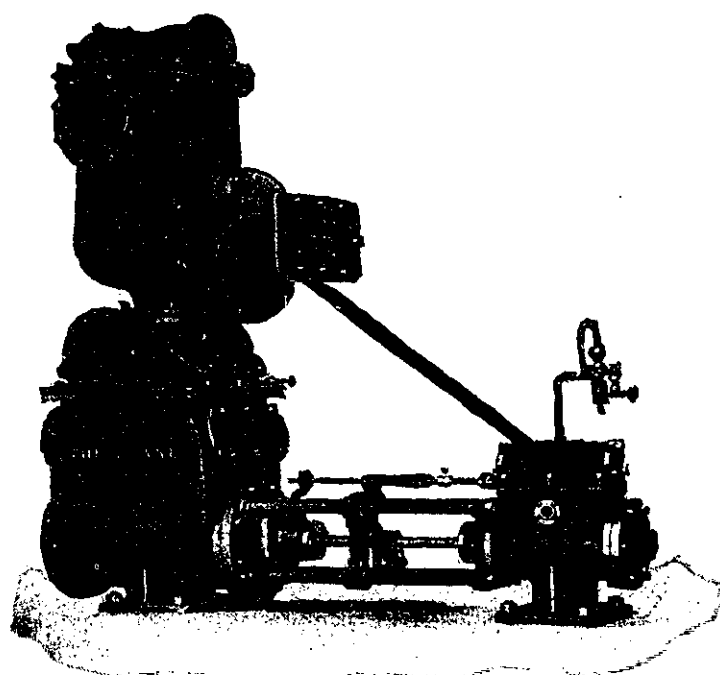
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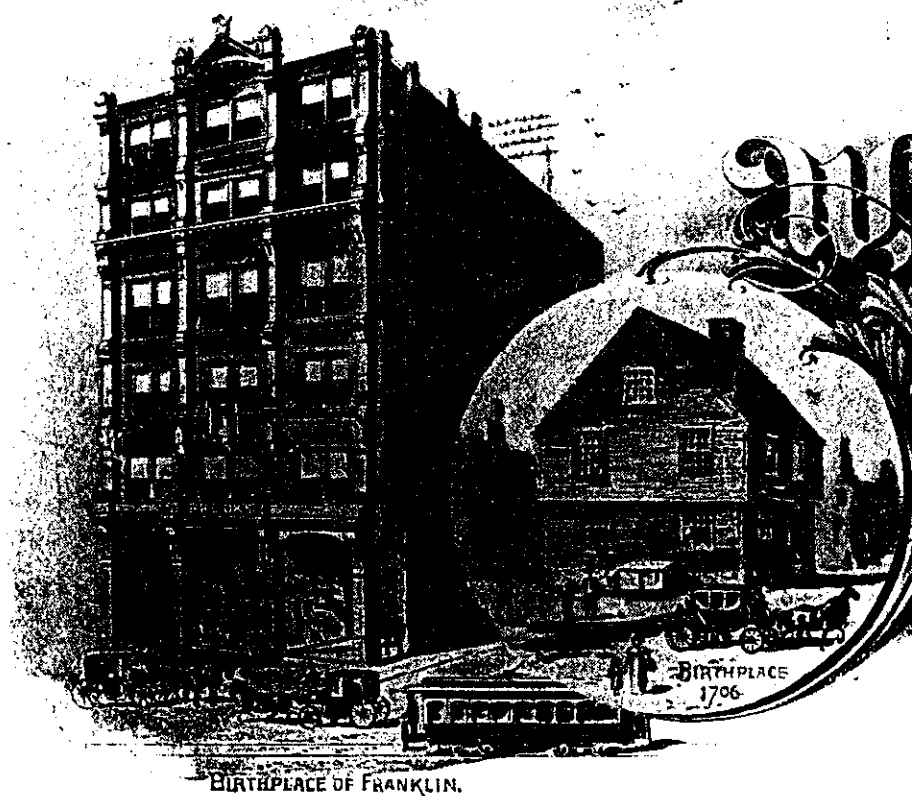
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THE TECH

VOL. XVII.

BOSTON, OCTOBER 7, 1897.

NO. 1.

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*.
GERALD MARTIN RICHMOND, '99.
JOHN MAGEE, 2D, '99.
MORGAN BARNEY, 1900.

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

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

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

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

Frank Wood, Printer, 352 Washington Street, Boston.

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IN extending a greeting to those students who are entering the Institute this year, THE TECH can only echo the splendid words addressed to the first-year class in Huntington Hall last Saturday. "We are all brothers," Professor Sedgwick declared; and that is the keynote of Institute life. A classical training tends to individualism; its leisurely culture implies a certain egoism. Science, on the other hand, teaches to her votaries humility, and, in particular, co-operation. Therefore the Institute life, while it lacks many of the picturesque elements of college spirit, the stirring traditions of the campus, is yet characterized by a truly fraternal loyalty, by a "shoulder-to-shoulder" feeling which is almost unique. In this band of brothers the men of the entering class have now taken their places, and they will receive from all a hearty welcome. In return we expect them to realize their responsibilities, in scholarship, and in the various fields of undergraduate activity, of "carrying the torch of the traditions of the Institute into the coming century."

THE share of the Institute as residuary legatee of the Hon. Henry L. Pierce turns out to be much larger than was expected, and will probably amount to between five hundred and seven hundred thousand dollars. The new building seems again to be a possibility.

THE prospect of a good 'varsity Football team is especially gratifying. While many of last year's men have not returned, there is abundant material from which to pick recruits. More men are still needed on the field, however. The coaching is in every way up to date in both the practice and the theory of modern football. A good schedule of games has been arranged, and the work of raising funds has been commenced in a systematic and business-like way. We earnestly hope that a generous financial support from all Institute men will make a repetition of last season's misfortunes impossible.

IT is with great satisfaction that we learn of the good work done by the Technology Y. M. C. Association. And it is with no less satisfaction that we publish a brief account of it, in that much is carried on quietly, and consequently less generally recognized by the student body. Briefly, the handbooks for the year have been issued and freely distributed. An information bureau has been established at the entrance examinations, both spring and fall, and at the opening of the present term, where innumerable questions of new students have been answered. A list of reliable lodging houses has been prepared,

and a copy placed at the information bureau. The "student house," an experiment of last year, has been continued, and, finally, informal receptions have been held. All these things have required time and energy, and the fact that they have been accomplished successfully reflects great credit on the officers and members of the Y. M. C. A.

THE Editorial Board of THE TECH needs reinforcement from the lower classes. Nineteen hundred and one, in particular, should as soon as possible put some representatives on the paper, in order that the affairs of the class may be better treated than can possibly be done by outsiders. There is no limit set upon the number of editors from each class. The Board chooses its new members from those who show their ability and enthusiasm by sending in news items, editorials, verse, stories, etc., and all men of literary leanings and experience on school periodicals, as well as any who without experience are willing to work, should communicate with the Editors, Room 30, Rogers Building.

EVERY member of the entering class should avail himself of the opportunities for economy offered by the Co-operative Society, by enrolling himself early on its lists of membership. Be it said for the benefit of the Freshman that the holder of a co-operative membership ticket can secure considerable discount on articles of any kind whatever that he will be likely to purchase in Boston. Furthermore, the very considerable income derived by the society is spent entirely in scholarships for students under Faculty recommendations. The society is operated entirely by Technology men, and enjoys the hearty sanction and assistance of the Faculty in its good work.

Henry Walter Allen.

SINCE the close of the last collegiate year death has separated from us one of the most popular men, and one of the best students the Institute has ever known. On the second of July last, Henry Walter Allen died of typhoid fever in this city. He was born in Boston on October 5, 1875, and prepared for the Institute at Chauncey Hall School.

During his career here he was a member of the executive committee of his class, chairman of the committee on the Cane-rush; "Sachem" of the Mandaman Club; captain of a company in the Battalion, and president of his class during his Freshman year. During his Sophomore year he was again president of the Class of '97; he was also on the Electoral Board for "Technique"; a member of the Sherwood Club; vice president of the M. I. T. A. C. in '94-95 and '95-96; a member of K₂S; secretary and treasurer of the M. I. T. F. B. A. in '95-96; chairman of the Cane-rush Committee; chairman of the Junior Promenade Committee; secretary of the N. E. I. A. A. in '96-97; president of the M. I. T. Athletic Association; toastmaster at the '97 class dinner; pallbearer at President Walker's funeral; second marshal on his Class Day; colonel of the 1st Regiment in the Republican Promenade; and referee of the Freshmen in the Sophomore Cane-rush in '96.

Good companion, good friend, good man, fare you well!

B. W. B. G.

Memorial Meeting.

THE Walker Memorial meeting proposed last year is to be carried out, and Tech. men will have one more chance of showing their appreciation of General Walker's character, and the love they held for him in his position as President of the Institute.

The meeting will be held in Music Hall upon the 14th of October. At eight o'clock Governor Wolcott, who is to preside, will deliver the opening address, and will be followed by Senator Hoar, who will deliver the oration. Admission can be secured only by invitation card from the committee in charge.

The students are invited to attend in a body, and cards will be sent to the alumni and to members of the learned societies of which General Walker was a member. Cards will also be sent to prominent friends of the Institute. Members of the Senior Class and the younger alumni have been asked to serve as ushers. Further details will be announced later.

Changes in the Instructing Staff.

THE changes in the corps of instruction this year are very few. Last year four Associate Professors were raised to full professorship, and there was one promotion from Assistant Professor to Associate. This year there are but four changes among the professors, and no full professorship has been created. The changes are as follows:—

Arthur A. Noyes, S.M., Ph.D., has been raised from the Assistant Professorship of Organic Chemistry to an Associate Professorship in the same subject.

Mr. Frank A. Laws, S.B., Instructor in Electrical Measurements, has been made Assistant Professor on the same subject.

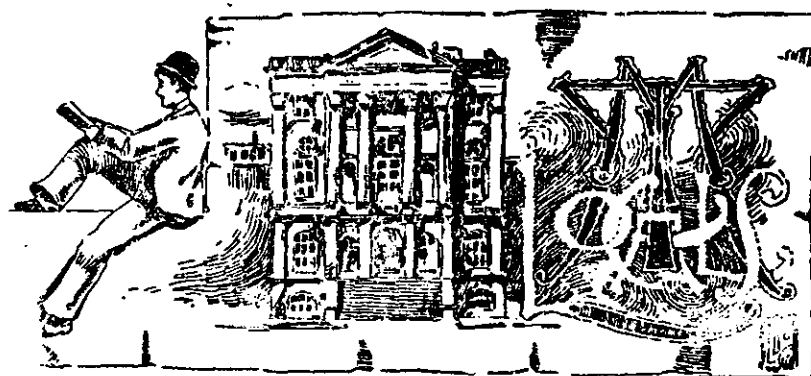
Mr. Harry M. Goodwin is now Assistant Professor of Physics.

Mr. John O. Sumner has become an Assistant Professor of History.

Three new Instructors have been appointed. They are Carl H. Clark, M. I. T., '95; and Frederick A. Hannah, M. I. T., '95, in Mechanical Engineering, and Charles M. Spofford, M. I. T., '93, in Civil Engineering.

The new Assistants are: Frederick L. Edmands, M. I. T., '97, Mechanical Drawing; George L. Hosmer, Civil Engineering; Charles N. Haskins, M. I. T., '97, Physics; Nathan Hayward, M. I. T., '97, Physics; Walter B. Russell, M. I. T., '97, Mechanical Engineering; Alpheus G. Woodman, M. I. T., '97, Sanitary Chemistry; Elbridge C. Jacobs, M. I. T., '97, Mechanical Engineering; Robert G. Valentine, A.B., English.

Two of the Instructors, George W. Hamblet, in Mechanical Engineering, and G. Russell Lincoln, in Sanitary Chemistry, have withdrawn.



Professor Despradelles, who has been in Paris during the summer, returned to the Institute on Saturday.

Copies of THE TECH can always be obtained at the Co-Op. stores in Engineering and Architectural Buildings.

The management of THE TECH has several gymnasium tickets for the Y. M. C. A. Gymnasium, which they will dispose of at a reasonable discount.

The first meeting of L'Avenir will be held to-morrow at 4.15 in Room 26, Walker. The annual election of officers will take place and it is essential that all the members be present.

The classes of Professor Currier, who has during the past summer been quite seriously ill, will be taken by Professor Sumner for the present. It is expected that Professor Currier will soon be able to resume his work.

H. I. Lord, Business Manager of the '98 "Technique," has obtained a position through business connections established during his work on the Board, and will not return to the Institute this fall.

A new book by Mr. Pearson is to take the place of Carpenter's Rhetoric as the text-book in Freshman English. The book is especially designed for the use of Technology students.

The opening of the term was celebrated last week by the Third-year men in Course XIII. by a well attended dinner at the United States Hotel. The evening was spent very agreeably for all with songs and stories.

Membership in the Mechanical Engineering Society is open to all Juniors and Seniors in Courses II., X., and XIII. All who wish to join should hand in their names at once to S. S. Philbrick or G. A. Hutchinson, as those joining before the first meeting will be considered charter members.

It is expected that the Class of 1901 will number over four hundred; but as the registration is not quite complete the number cannot be definitely stated. The number of graduates from other colleges pursuing an advanced course at Tech. will be larger than usual, particularly in Courses I., II., and VI.

After the Military Science lecture last Saturday, Professor Crafts, as chairman of the Faculty made an address of welcome to the Freshman Class. Professor Sedgwick, on the part of the committee having in charge the memorial meeting to President Walker, invited the members of 1901 to be present.

Considerable regret is expressed by the members of the '99 "Technique" Board in regard to the withdrawal from the Institute of Messrs. Rood and Hewitt of the artistic staff, and of Mr. West, one of the associate editors. Nothing definite has been done, as yet, in regard to filling the vacancies thus caused.

Mr. Mead has announced the Senior problem in design for the Architects. It is that of a city hall for a town of twenty thousand inhabitants, and must include besides the usual rooms appertaining to a *hotel de ville*, a fire-engine house, and a police station. The style and arrangements are left to the fancy of the students. The Juniors are given the entrance of the same building to design.

The Tech. Yacht Club held its annual cruise during the first week in August. The fleet assembled at Newport in time for the New York Yacht Club fête, and proceeded with the New York boats to Vineyard Haven. The next day anchors were dropped in Quis-

sett Harbor, where the boats remained over Sunday. New Bedford was reached Monday, and then the fleet disbanded. The cruise was marked by good weather and pleasant runs from port to port.

A. W. Grosvenor, '98, Captain of the Athletic team, has not yet returned to the Institute. He has been troubled with sickness for the greater part of the summer. It will be remembered that Mr. Grosvenor was taken ill during the spring examinations, immediately after the Worcester games, so that he was obliged to leave the school. That was the first attack of what later proved to be appendicitis. Early in the summer an operation was successfully performed, and he apparently entirely recovered from the unusual strain. But very recently he suffered a relapse so serious that it has prevented his return at the opening of the term. We hope that he may soon be with us strong and well to carry on the work of the year.

The Civil Engineering Summer School, under Professor Burton, passed a very pleasant three weeks in Machias, Maine. The practical work was carried on with great smoothness and dispatch, and a great deal was accomplished. The base-line measurement work, using the thermophone, proved very exact and interesting, besides obtaining many reliable data for future work in that line. Mr. J. A. Warren, Class '92, the inventor of the thermophone, was with the party and conducted the experiments. A progressive whist party was given in the hotel, to the young ladies and gentlemen of Machias, and then one was given in return. The baseball nine of the party defeated the Machias team in a very exciting game by the score of 19 to 13.

The Glee, Mandolin, and Banjo Clubs this year will probably be composed of almost exclusively new men. The ranks are thinned by increasing work chiefly, by men leaving the Institute in somewhat less pro-

portion. C. F. Drake fills the place of Manager this year. Neither L. G. Robinson of the Glee nor L. Addicks of the Banjo Club will be able to lead their respective Clubs again this year, and their places will be hard to fill. Among the others who step aside this year are J. E. Haseltine, H. R. Clapp, F. E. Coombs, A. E. Robinson, T. R. Weymouth, W. H. Sutliff, and R. S. De Golyer. With all the excellent material in the two lower classes, this is an incentive which cannot fail to bring out men to make the clubs better and more successful than ever before. Guitars and 'cellos are specially needed in the Mandolin Club.

A Double Wedding.

It was a hot, sultry day in August, 1895, as we pedaled along a dusty prairie road, wishing for a square foot of shade to shelter us from the burning rays of the sun. But in South Dakota it is possible to ride several hundred miles without seeing a tree, and when, after several hours, we came across a small farmhouse, we were quite ready to stop and eat our lunch in its grateful shade.

We were there only a few minutes when a wagon, containing four persons, two young farmers and their sweethearts, drove up to the house. They entered, and a few minutes later an old, clerical-looking gentleman came out and entered into conversation with us; a circumstance which surprised us greatly, for we supposed that the dwelling was uninhabited.

The gentleman proved to be, what he appeared, a minister, and asked us if we would like to witness a double wedding. We were out for fun, and this episode appeared to promise amusement, so we at once assented.

The double knots were quickly tied, and our names affixed to the certificate as witnesses of the ceremony. But then! O ye gods! It was a queer mistake. Whether the happy couples were mad with joy or just confused on general principles we did not

learn, but they had taken the wrong places; John had been tied to the girl who was to have become Ole's wife, and *vice versa*!

The minister was rattled, the brides tearful, the grooms angry, and my companion and myself were ready to split with laughter. But what was to be done? The minister was the first to remember that South Dakota is good ground for divorce, and advised them to apply at once. This appeared a happy solution.

The four who were immediately concerned held a consultation in a corner of the room. They spoke the Swedish language, so we did not know what they were saying. But we soon learned the result of the consultation. They announced that they had decided to save trouble by letting things stand as they were! And presumably they lived happily ever afterwards.

L. W. S.

Y. M. C. A. Reception.

ON Saturday, October 2d, the Technology Y. M. C. A. held a reception to new students at the building of the Boston Association, on Boylston and Berkeley Streets. The members of the Association greeted the new students as they appeared, and made them feel as much as possible at home. President Patch then introduced the speakers of the occasion. Prof. William H. Niles, of the Institute, gave a much appreciated greeting from the Faculty, in which he was often interrupted by roars of laughter. He was followed by Mr. R. C. Thomas, Intercollegiate Secretary, who delivered the "Intercollegiate Welcome," and by Mr. G. I. Fiske, '99, on the "Student Welcome." Music was furnished by the Association Orchestra, and refreshments were served during the evening. Many new students were present. The evening was closed by the singing of College songs.

SMILED.

She sat on the steps at the evening tide
Enjoying the balmy air;
He came and asked, "May I sit by your side?"
And she gave him a vacant stair.

—Cornell Widow.

Changes in Courses of Study.

Several changes have been made this year in the course of study. The most noticeable of which is the change of Theoretical Chemistry from the first term of the second year to the second term of the third year, for students in Courses III., V., VIII., and VII. The courses in Geology, such as Mineralogy, Structural and Chemical Geology, and Historical Geology, have been set back from the second to the first term of the second year. New courses have been added to the Fourth-year Chemistry. Dr. Whitney will give a new course on proximate analysis, an option consisting of laboratory work, and, therefore, of great practical value. Dr. Norris will lecture on the history of Chemistry for all Fourth-year students in the Chemical Department. Professor Laws and Mr. Norton will give a new prescribed course in electrical and heat measurements.

SOME BORROWED WIT.

Judge: "You are accused of killing your best friend."

Prisoner: "He hit me, sir."

Judge: "I should have thought that that would have been the last thing he would do."

Prisoner: "It was, sir."—*Cornell Widow*.

"I think I will start life a Fresh," said the dropped Sophomore.—*Harvard Lampoon*.

"Closely is a miserable miser."

"Yes, and he began it early, too. They say he used to count the rocks when he was in a cradle.—*Yale Record*.

"Listen," hissed the burglar, "there are steps within." He was right. After swinging the iron door back he leveled his lantern straight upward, and ascended the first landing of the vault.—*U. of M. Wrinkle*.

Report of the Committee on Physical Training at the Massachusetts Institute of Technology.

ON March 31, 1897, a meeting attended by members of the Faculty, Alumni, and students of the Institute was held, and the condition of the Gymnasium, and the work being done in physical training were generally discussed. It was the unanimous opinion of those present at this meeting that an effort should be made to improve this important adjunct to the student's life; and, as a result, a committee was selected to investigate and to make a report.

The committee was selected as follows: two graduates by the executive committee of the Alumni Association; two under-graduates by the Institute Committee; and these were requested by the meeting to ask a member of the Corporation to serve with them unofficially.

The member of the Corporation selected is Mr. James P. Munroe; the two members selected by the executive committee of the Alumni Association are Messrs. Edward W. Rollins, '71, and Frank H. Briggs, '81; and the two under-graduates are Messrs. H. W. Allen, '97, and C.-E. A. Winslow, '98.

It has seemed to this committee that the matter could be best treated under three heads:—

First.—Suggestions relating to the improvement and supervision of the Gymnasium.

Second.—Suggestions relating to physical training.

Third.—Suggestions relating to athletics.

There is, undoubtedly, a great and increasing demand, not only on the part of the students, but from those who are interested in and responsible for the higher education of young men, that there should be definite and adequate provisions at the Institute of Technology for their physical training. To your committee this seems a legitimate demand; and while they appreciate fully the sacrifices and untiring effort on the part of the Corporation and Faculty, which have resulted in so developing the courses and improving the educational efficiency of the Institute, that it easily leads among technological schools, they cannot but feel that the time has come when it is not only desirable, but is absolutely necessary for the future welfare of the Institute, that this demand should be recognized, and, as far as practicable, satisfied.

The matter of physical training has been recognized by practically all the great educational institutions throughout the country; and though obligatory—

so far as this committee could learn—in but one (Brown), yet at Harvard, Yale, Princeton, Cornell, and the University of Pennsylvania, Lehigh, and others of less note, it is recognized as one of the important branches of the curriculum. There are “Directors of Physical Training” who are almost invariably members of the Faculty (or similar board), the hours of study are so arranged that every man may have opportunity for sufficient exercise, and every encouragement is given to the students to develop their bodies in a legitimate way.

Your committee suggests, therefore, that the Faculty should be empowered to have immediate charge of the Gymnasium and its apparatus, and that they should be requested to appoint a committee to receive and act upon all reports of the director of the Gymnasium, and to lay down and enforce laws, rules, and regulations in regard to the general and individual training of students.

They suggest, further, that the income from the rent of lockers be set aside as a fund for the purchase of apparatus as it may be needed.

The committee think also that such changes and improvements should be made in the Gymnasium as to render it more attractive and better adapted to the students’ needs. These changes relate to lockers, bathing facilities, and measuring apparatus.

Lockers.—At the present time there are three hundred and eighty lockers in use. This would indicate that at least that number of men are taking exercise. Many of these lockers are in the main room, occupying space that should be devoted to apparatus, vitiated, with the damp clothes which they contain, the air for purposes of healthful exercise that should be kept as pure as possible, and obliging the men to dress and undress in public.

Moreover none of the lockers are wholly satisfactory in pattern, and at least one quarter of them are unfit for use. The committee recommend, therefore, that an addition to the Gymnasium be built, sufficient to include at least one hundred more lockers than are now in use, and that these be of an improved pattern, convenient to use, and properly ventilated. Plans of the suggested addition are submitted herewith.

Bathing facilities.—At present there are but three shower baths, one for cold water and two for hot water (at the boiler temperature), and there is no provision for tempering or combining the hot and cold water. We recommend, therefore, the putting in of a larger number of showers, in accordance with the

plans herewith submitted. In this connection the committee would call attention to the fact that it has been the custom to rent the Gymnasium during the afternoon hours to certain preparatory schools, and that, by so doing, not only is the proper use of the building by the Institute students impeded, but the hot water for bathing is exhausted before their usual hours of exercise.

Measuring apparatus.—The committee recommend that the director of the Gymnasium be provided (at a probable cost of \$150) with a complete measuring outfit, upon the supposition that the Faculty, if so authorized, will provide for the systematic physical examination of the students.

Foreseeing that objection may be made to any large outlay upon a building of temporary character (as is the Gymnasium), the committee suggest that the lockers (a large item in the cost of improvement) can be utilized in any more permanent Gymnasium that may be erected in future; and recognizing the probable inability of the Corporation to appropriate, consistently with the other demands of the Institute, so large a sum as the projected improvements require, we venture to assert that if the Corporation should deem it wise to recognize the matter of physical training by measures of such a nature as has been suggested, and by an appropriation for the improvement of the gymnasium as large as to them seems proper, an appeal to the past students of the Institute for the specific end of supplying the balance of the money needed could be confidently made.

In relation to physical training, the committee would suggest that every student of the Institute should be measured by the director of the gymnasium, at least once a year, and oftener in his discretion; and while the committee does not recommend making gymnastics compulsory as a general rule, still it feels the Faculty should have the right to do so in particular cases, and that rules for the use of the Gymnasium and its apparatus be established more definitely than they are at present.

In relation to athletics, the committee learns that the present conduct of them by the students is, in general, decidedly unsatisfactory. We have considered, therefore, the question of an advisory committee on different branches of athletics in the Institute, and other matters connected with same.

We have communicated with every large college and university in the East, and find it is the general custom to have a general treasurer, who is an alumnus,

and who in some colleges receives compensation, and other colleges does not. At the colleges where such an officer receives compensation, he usually acts also as general secretary on athletics.

The first question regarding an athletic advisory committee, or as it is called in some colleges "advisory council," was as to the composition of same. In the Eastern colleges it is about equally divided as to whether the advisory council has members of the Faculty as members of the council, or is composed only of alumni and under-graduates.

It would seem to your committee that at the Massachusetts Institute of Technology, better results would be subserved by having a committee consisting only of past students and under-graduates. It is the almost universal custom that the alumni associations of the different colleges elect the alumni members of the advisory council.

It seems further to your committee, that in the matter of competition with other colleges or membership in any intercollegiate association, where a large number of men represent the Massachusetts Institute of Technology, that such competition or membership shall not be allowed without the consent of the advisory council.

We therefore recommend that the position of general treasurer be instituted, and he shall have control of all moneys received from whatever source by all departments of athletics, and shall keep separate accounts for each department; pay out such moneys as he may be directed to do by the advisory council for amounts exceeding twenty-five dollars.

We also recommend that there shall be established an Advisory Council, consisting of three past students of the Massachusetts Institute of Technology, to be elected by the Alumni Association and three under-graduates, one of whom shall be elected by the M. I. T. A. C., one by the M. I. T. F. B. A., and one by the Institute Committee, and these shall elect a general Treasurer, who shall not be an undergraduate, and who shall be a member of the Advisory Committee *ex officio*.

Signed,

EDW. W. ROLLINS, '71.

FRANK H. BRIGGS, '81.

JAS. P. MUNROE, '82.

C.-E. A. WINSLOW, '98.

Mr. H. W. Allen, '97, a member of this committee, died July 2, 1897. He had assisted in this report, and was heartily in favor of it.



'92. Mr. W. B. Douglass, Course I., has recently been elected chief engineer and general manager of the New England Structural Company, formerly known as the Norton Iron Company.

'93. It is with great pleasure that we announce the marriage of Mr. J. W. Logan, Course II., to Miss R. M. Thomas, of West Chester, Pa. The marriage took place at West Chester on September 23d. Mr. and Mrs. Logan will live at Balu, Pa., Mr. Logan being connected with the Pennsylvania Iron Works of Philadelphia.

'97. Mr. R. M. Ferris, Jr., Course VI., has accepted a position with the New York and New Jersey Telephone Company. He is doing field work for them at present.

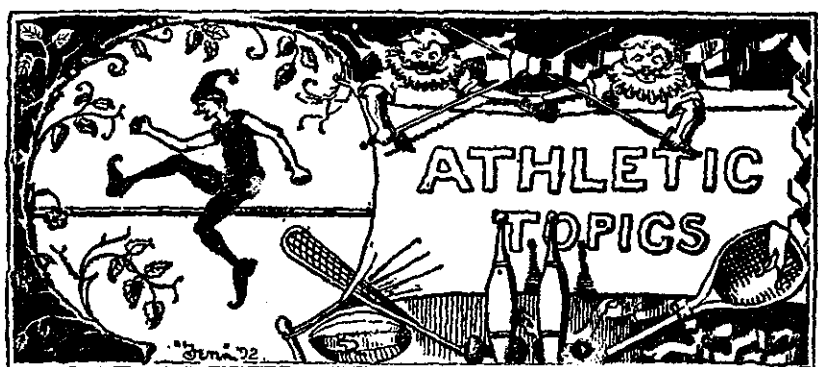
'97. Mr. A. C. Lamb, Course X., is in Worcester, where he has a position in the paper mill of that city.

'97. Mr. E. S. Mansfield leaves in a few days for California, where he is employed in mining work.

'97. Mr. J. A. Donovan has accepted a position as English Instructor in the Lowell High School.

The Truth o. It.

Fair maids afloat,
 Fair maids ashore,
 Fair maids of summer scenes,--
 We know by rote,
 We've learned before,
 That they are "summer" queens.
 But on the wave
 Or in the wold,
 Not all, by any means,
 Are fair to see
 As we've been told,
 For only "some-are" queens.



The Fall Handicap Games will be held on the Oval on Saturday, the thirtieth of October.

Durand Mayer, '98, has been appointed temporary captain of the track team in Captain Grosvenor's absence.

E. A. Locke has been secured as Football coach. Mr. Locke has a record of three years on Brown's 'Varsity as right tackle, where last year he played an exceptionally brilliant game.

J. W. Paget, who was captain of the 1900 football team last year, will not play this season. This is a severe loss to the team, which will miss Capt. Paget's fast individual playing as well as his fine generalship.

The new men who came out for the 'varsity team on October 1st were: Chubb, '01, full back; Babcock, '01, guard; Call, '00, half or tackle; Morse, '99, half; Perkins, '99, guard; Werner, '99, half; Laws, '01, center; G. A. Robinson, guard.

Captain Ulmer has a squad of about twenty-five men who are trying for the 'Varsity team. Among the first candidates to appear were Heckle, Emery, Oppenheimer, Nesmith, Stebbins, Richardson (Harvard, '96), Gilson, Angus, Smith, Nolte, Vogt, Miller, Danforth, Harrison, Jewett, Clifford, Robson, Bonnycastle, Price, and Knight. More men should come out for the line.

The courts of the Tennis Association are ready for play, and the Institute championship tournament will be held on them, beginning about October 11th. For this tournament handsome prizes will be offered if the entries are sufficient to warrant the expense.

There are now vacancies in the membership which will fill quickly. Application should be made to the secretary, Box 22, "Cage."

The first Hare and Hound run of the season will be held at the Riverside Recreation Grounds on Saturday. Last year chasing the hares was a deservedly popular sport. Runs were made throughout the fall and spring, the season closing with a handicap run at Arlington Heights, when first, second, third, and time prizes were competed for. It is hoped that many new men will come out this year. No man need hesitate to enter through fear that he may be unable to cover the course. Indeed, nothing is farther from the intention of those conducting the runs than to attempt to turn so delightful a pastime into either a test of speed or endurance.

Football Schedule.

Manager Hutchinson, '98, and Assistant Manager Holliday, '99, have arranged the following schedule:—

- Oct. 9. Phillips-Exeter at Exeter.
- Oct. 16. Amherst at Amherst.
- Oct. 20. Phillips-Andover at Andover.
- Oct. 30. Bowdoin at Brunswick.
- Nov. 3. Holy Cross at Boston.
- Nov. 6. Worcester Poly. at Worcester.
- Nov. 10. Tufts at Boston.
- Nov. 17. B. A. A. at Boston.
- Nov. 20. Holy Cross at Worcester

COMMUNICATIONS.

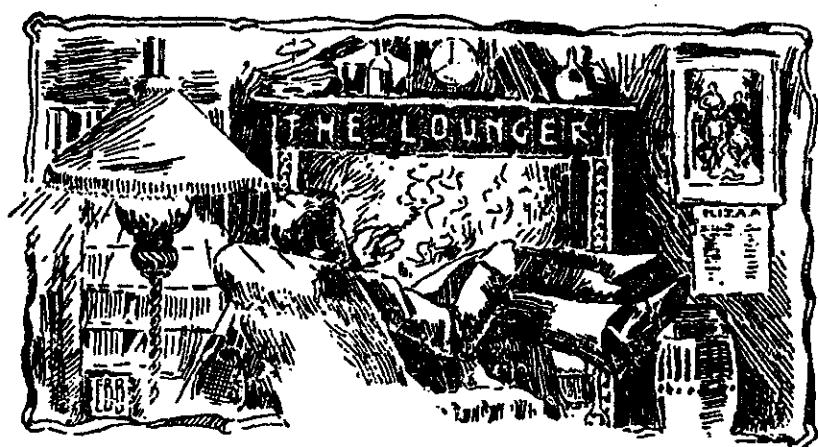
The Editors do not hold themselves responsible for opinions expressed by correspondents.

TO THE EDITORS OF THE TECH:—

Owing to an error made by the Committee on Resolutions of the Class of '97 the obituary notice of Robert Miller Cummings was omitted from the '98 "Technique." The committee regret exceedingly that any such mistake should have been made and hope that those intimately connected will pardon the omission.

W. K. FAIRBANKS,

Chairman of Committee on Resolutions, Class of '97.



THE Lounger can picture to himself the eagerness with which that too rare creature, The Old Subscriber, turns over the leaves of this first number of THE TECH and the sigh (of relief, of course) with which he reaches this last page. Yes; the Lounger is back again and is happy that it is so. Once, in the dim days of yore, the mystic "S. B." glimmered brightly before his eyes and each failure to attain the lucrative position of Alumnus was a disappointment. Now, however, his pleasures lie more in retrospection than in expectation, and his position as the genial philosopher and firm though kindly mentor of the little Technology world has become so precious to him that he would be loath to resign it for a degree, even with an offer of a laboratory assistant's position added. To be sure, the Class of '97 carried away with it many who will be sorely missed, and in particular the venerable Peach and the lusty Dolly, whose long sojourns almost equalled that of the Lounger himself. It is true that the Lounger's special lunch-room girl, upon whose training he expended hours of his valuable time and paragraphs of his most graceful blandishments, has departed without even a word of farewell. Nevertheless, there are men entering this year who may, like those who have gone from us, consume eight years in taking a degree. There may be among the new lunch-room girls some who will in time acquire the deftness, the intimate knowledge of the Lounger's tastes which belonged to the attendant Hebes who no more attend.

It is good to be again amid the old surroundings. It is good to pause on the steps of Rogers in the late afternoon, and after the merry, whistling Freshmen have poured out to watch the level rays of the sun touch Old Trinity with glory. It is good, finally, to wend one's lounging way to one's sanctum, where a briar pipe and a sea-coal fire will bring up the picture of sweet August days—of which the Lounger does not intend to discourse just now.

The Lounger is especially glad to return to Technology for the sake of the Freshman. The lot of the Freshman is ever hard. He comes from various rural districts, also from Philadelphia and Chicago, with a high thirst for knowledge and achievement. Then he is given a tabular view and he begins to realize that life is real and earnest. He is bullied by the bulbul of the letter rack, oppressed by the stern tyrant of the drawing room, gayed by unfeeling Sophs, regarded with cold scorn by mighty Juniors. He begins to study Chemistry, he buys books from the Co-operative Society, and performs other unpleasant and dangerous feats, which remind him forcibly that this is a hard, unfeeling world. He is looked at with suspicion as mayhap a dangerous character. Upon the blackboard in the lunch room is inscribed the legend, "Please pay as soon as served," a clear indication that the Freshman is suspected of an ill-suppressed desire to consume his bread and milk, and then flee through the dim recesses of the mining lab, without making due remuneration.

But the Freshmen must not despair. All days can't be dark and dreary. Let them subscribe to THE TECH and follow diligently the precepts of the Lounger, their especial guide and patron, and in a year's time they, too, may be haughty Sophomores who have entirely forgotten how it felt to be a Fresh.

In so short a period as has elapsed since the opening of the term, the Lounger has suffered one of those mental and moral shocks which occur but once or twice in a man's life time. He has hardly yet recovered from the severe tension to which he has been subjected so that his hand trembles even now as he writes. It happened thus:—

The Lounger's printed notes in a certain course have become so worn by many season's use that he determined to invest a considerable number of shekels and fractions thereof in the purchase of a new pamphlet. So he sought the well known corner of Berkeley Street and Boylston, where many times before his purse had been lightened and his heart bowed down with care. He journeyed on, with eyes diverted, musing over the philosophical advantages of monopolies in general, descended the familiar steps too often trod by the unthinking victim, opened the familiar door whilom leading into the presence of the unpetrified mummy—and fell into the protecting arms of a fashionable ladies' tailoress. It was too much! Ridler had moved!

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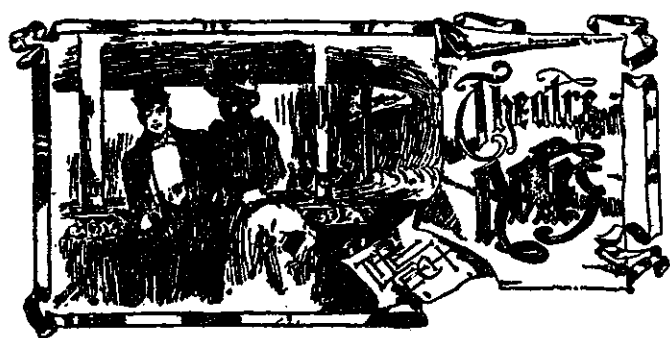
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Hollis Street Theatre.—The clever New York Lyceum Theater Company, headed by James K. Hackett and Mary Mannering, will be at the Hollis for a two weeks' engagement. The first week they will give the "Prisoner of Zenda," in which Mr. Hackett has made a great success in New York.

Boston Theatre.—The greatest of American favorites, Joseph Jefferson, will be at the Boston Theatre for one week, in his greatest play, "Rip Van Winkle."

Boston Museum.—Wilson Barrett's great play, "The Sign of the Cross," comes to Boston for an engagement of two weeks. The play is unusually strong and intensely interesting, and scored an enormous success in Boston last winter.

Castle Square Theatre.—The unusually good stock company at the Castle Square have during the summer won the hearts of their audiences by their clever and conscientious work. The plays given have all been exceptionally good, and "The Amazons," which is to be given next week, was a great success when it was first produced several years ago.

Park Theatre.—The next attraction at the Park will be Ed. E. Rice's production of "The Girl from Paris." The play has had an enormous success in New York and London, and is sure to become just as popular here.

Tremont Theatre.—Jolly May Irwin is at the Tremont in her new play, "The Swell Miss Fitz-Swell," by H. A. Du Souchet. Miss Irwin has a host of new songs, and will sing any of the old favorites that are asked for.

The Food Fair.—The Food Fair has been open for a very successful week. There are to be a great many fine musical attractions besides the usual souvenir spoons and numberless other attractive gifts.

The Zoo.—The latest attractions at the Zoo are the little twin sisters from the Klondyke region. Other attractions are the Bohemian Glass Blowers, Herr Grenada, who performs on a high wire, and two singers of note.

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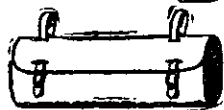
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