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Vol. 13

1923
No. 12

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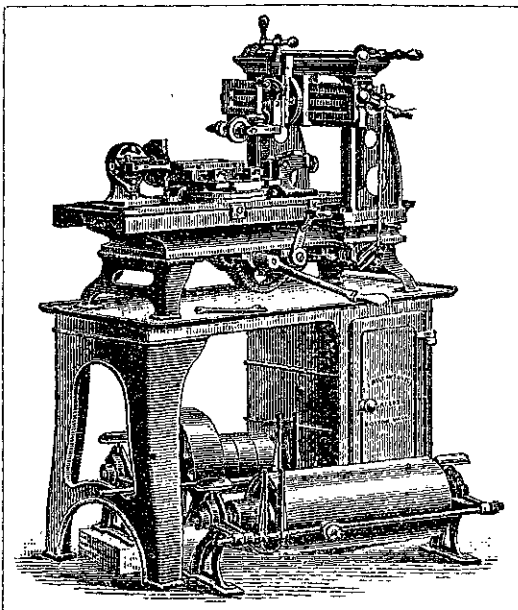
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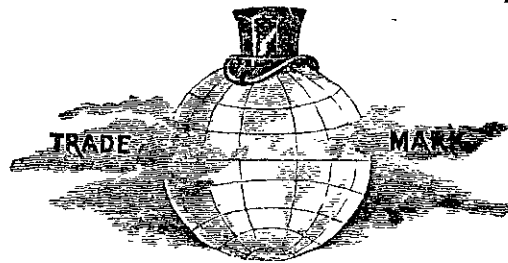
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The Tech.

VOL XIII.

BOSTON, DECEMBER 21, 1893.

NOS. 12-13.

THE TECH.

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

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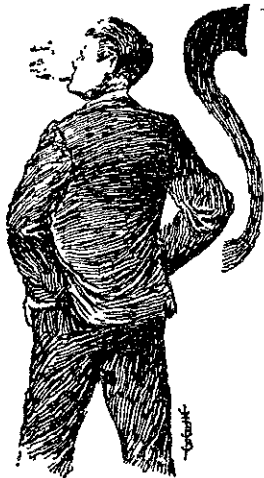
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Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

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.

FRANK WOOD, PRINTER, 352 WASHINGTON STREET, BOSTON.



WIFTLY approaches that season of peace and good cheer, when grind and sport alike may revel in blissful unconsciousness of the bleary-eyed horrors so soon to come. The shop windows have already recalled the happy days of infancy, when childish sorrows were forgotten amidst preparations for that mysterious visitor, Saint Nick. For us the mysteries are dispelled; yet the intangible content that pervades the air penetrates even the lecture hall, and mitigates for the time being the tyrannical imposition of book, prof., or exam.

Not for us is the symbolical yule log of yore, and its "common" successor to six places is a shameful descendant. The jolly holly and partial mistletoe still remind us of the times that were. But the great roast pig, swallowing the inevitable apple, as if to recall the fall of Eve in a skeleton-in-the-closet sort of way, the steaming plum pudding, spiritu-

ously afire, yet unscathed (perhaps as a reminder of the fiery furnace fable), the immense family gatherings,—all are metamorphosed to conform to modern conveniences and stiff etiquette. We may no longer indulge the reckless rollicking and familiar intercourse that characterized the olden-time festivities; yet who is to forbid our reading the Christmas TECH, or joking with everybody's friend, the Lounger, over prolonged connection with this unaccountable Institute, where all occasionally swear at the very work we come here to undertake? Who says we shall not kiss that other fellow's sister if she can be caught under the mistletoe? and who among us does not intend to enjoy the Christmas recess the more for its shortness?

Ah, but we may not all be blessed with the means or opportunity of reaching home, or even with the home itself! Some of us must spend Christmas, perhaps for the first time, among strangers. Nevertheless, THE TECH wishes to one and all, from Faculty to office boy, the best of the season's pleasures, with the hope that much good, both present and future, may result from this brief period of recreation.

THE TECH presents to its readers in this issue the results of an expenditure of much time, trouble, and money. It had been our intention to include a half-tone of the Varsity football team among the extras; but perversity or fate was against us, and our efforts ended in failure. We desired to extend to every student and professor a material Christmas greeting; and if even a partial success has resulted, THE TECH editors will enjoy the holiday recess in peace and contentment.



THE Cercle Français now has a companion in the Deutsches Verein. The formation of these societies is a cause for congratulation, since they combine advantages unequaled in the class room for learning foreign

tongues, opportunities for student intercourse of a novel and interesting description, and chances, too often neglected at Technology, for closer contact with members of the Faculty. If the very commendable plans of the older club for presenting French plays are carried out, then the further benefits of a dramatic organization may be derived. It is to be hoped that a friendly rivalry may make these associations flourish for years to come.

WE have here at Technology six professional societies, besides miscellaneous societies, for the advancement of students in different lines of work. At various periods meetings are held, lectures given, and social gatherings for discussing new or interesting subjects enjoyed. Such meetings, besides, bring to notice many useful hints for saving both time and labor. That the benefits of such societies are appreciated, is shown by their growth in membership during recent years. We feel that a more general interest would be shown, a much larger membership would result, and the welfare of each society would be materially promoted, if the students at large were better informed of their scope and aims. At present an occasional notice in THE TECH, a small slip hidden by the confused matter on the general bulletin boards, or the yearly mention in "Technique," are about all that inform the newcomer of their existence. In order to bring these useful organs before the students at all times, THE TECH proposes that a permanent, attractive notice be posted

by each society in some conspicuous place; for instance, the northeast bulletin in Rogers corridor,—this notice to contain a brief summary of the society's aims, expenses, dates of meetings, lectures, etc., and the method of joining. Changes of dates and fees could be inserted at will. By such a course we feel confident that many who are now non-members from forced ignorance would become members, and thus mutual good would be derived.



HERE has been more or less dissatisfaction of late on the present management of the gymnasium, and the complaints seem to have some foundation. We refer to the policy of Instructor Boos in restraining the freedom of the students who exercise at the Gym, but who do not care about joining the class work. That this class work is beneficial we do not question, but it does not seem right that attendance shall be made, directly or indirectly, compulsory at the only time when all of the students are free to go to the gymnasium.

The idea Mr. Boos is endeavoring to carry out is to make everyone join the class work by prohibiting all, or nearly all, other forms of exercise. So running, hurdling, boxing are prohibited during class hours. For two weeks previous to the Athletic Meeting, Mr. Boos gave those who were training free use of the floor from a quarter of until half past five every afternoon. For this he was cordially thanked; but after the games of December 9th the former limitations were again enforced. Mr. Boos says that he cannot conduct his classes properly while running and other competitive exercises are being indulged in. Our gymnasium has always been a place where students might rest their minds and improve



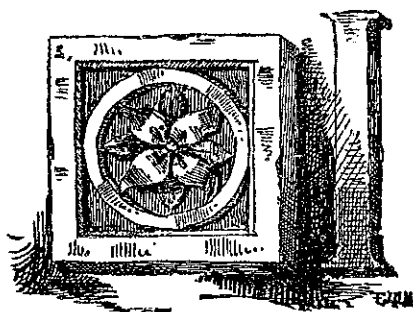
M. I. T. Banjo Club, '93 - '94



M. I. T. Glee Club, '93 - '94

their health by taking such exercise as both afforded recreation and suited their tastes. There are many who do not care to join the classes, and there are others who make use of the gymnasium for special training in hurdling and running.

If class work is to be made compulsory, let there be a better way of enforcing it than by forbidding other exercise at the only time when all of the students are able to be together at the gymnasium. The Freshmen have three hours a week assigned for morning drill; if class exercise be made compulsory, why not have the Sophomores and Juniors attend the gymnasium according to similar regulations?



It is nearly time for some one to report Technology news for the *Boston Herald* who is energetic enough to do his duty. For weeks, only a few straggling notices have appeared in either the daily or Sunday issues to remind those interested that Tech still exists. Other papers find enough to say about us, and other colleges appear to be fairly reported in the *Herald*. It seems, then, that our correspondent alone must be to blame; if the fault lies with others we should be glad to know it. Otherwise let him resign his place to a man who will realize that a college correspondent owes a certain duty to his college which that college has a right to see performed.

THE TECH proposes hereafter to publish weekly as complete a calendar as possible of all important meetings and events connected with the Institute, which will take place during the week succeeding each separate issue. This, we think, will aid in a considerable degree toward making the paper a more important factor in bringing the men at Technology into closer relations with each

other, by being more generally posted in regard to all happenings of interest to them.

While such a calendar may be gotten out without the co-operation of the students, in order to keep it at all complete, it is necessary that the secretaries of the various organizations should become interested in the matter, and send each time in advance the notice of a coming meeting. This will lead, we feel, to a better representation at meetings of all kinds, which have been poorly attended, largely on account of the fact that the men in general have not been aware of their occurrence.

Calendar.

- December 21st, M. I. T. A. A. and H. A. A. meet with B. A. A. at 8. P. M.; of special interest to Tech men.
 Lectures: "The Metallurgy of Silver," Lowell Course; tenth lecture by Professor Hoffman, Room 36, Rogers, at 7.45 P. M.
 "The Adjustment of Observations by the Method of the Least Squares," Lowell Course; fourth lecture by Professor Bartlett, in Room 22 Rogers, at 7.30 P. M.
 "Architecture in America, and Influence of French School," Lowell Course; first lecture (in French), by Professor Despradelle, in Room 12, Architectural, at 8 P. M.
 "Bacteriology," Lowell Course; fourth lecture by Professor Sedgwick, in Huntington Hall, at 7.30 P. M.
- December 22d, Lectures: "The Rise and Development of Prose Friction in France," Lowell Course; eighth lecture (in French), by Professor Van Daell, in Room 11, Rogers, at 8 P. M.
 "Electrical Measurements," Lowell Course; eleventh lecture by Professor Holman, in Room 23, Walker, at 7.30 P. M.
 "Quaternions," Lowell Course; eighth lecture by Professor Bailey, in Room 27, Rogers, at 7.45 P. M.
- December 23d, B. A. A. Sparring Meeting at 8 P. M.
- December 25th, Exercises of the Institute suspended.
 "The Adjustment of Observations by the Method of Least Squares," Lowell Course; fifth lecture by Professor Bartlett, in Room 22, Rogers, at 7.30 P. M.
 "Bacteriology," fifth lecture, Lowell Course, by Professor Sedgwick, in Huntington Hall, at 7.30 P. M.
- December 26th, Christian Union Meeting in Room 27, Rogers, at 1.50 P. M.

December 26th, "The Metallurgy of Silver," Lowell Course; eleventh lecture by Professor Hofman, in Room 36, Rogers, at 7.45 P. M.
 "Electrical Measurements;" twelfth and last lecture Lowell Course, by Professor Holman, in Room 23, Walker, at 7.30 P. M.
 December 27th, "Quaternions," Lowell Course; ninth lecture by Professor Bailey, in Room 27, Rogers, at 7.45 P. M.

COMMUNICATIONS.

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

[THE TECH has invariably published all communications sent to it, but such a number of answers to "C.'s" letter of December 7th have been received that a special issue would be necessary to hold them all. This, unfortunately, is beyond our means, and we must withhold some ably written articles. To a man our correspondents support the sentiments expressed in the two answers printed, urging that the American youth in general may well show more respect to elders without any immediate danger of loss of self-respect.—EDS.]

TO THE EDITORS OF THE TECH:—

Will some of your readers kindly take it upon themselves to answer in your columns the following question: "Should a compulsory course in athletics be required at the Institute?" This is asked with the hopes that the Faculty, provided weighty arguments are advanced in favor of its adoption, will take action upon this important subject.

B.

TO THE EDITORS OF THE TECH:—

In a communication signed M. A. C., published in a recent issue of THE TECH, the writer defends the practice of tipping chairs in the lunch room principally on the ground that it affords an opportunity for a pleasant dinner meeting. No one denies that such meetings are a desirable and influential factor in college life, but when crowded accommodations make them attainable only at the expense of others, their desirability may well be questioned.

There are one hundred and ten chairs in the lunch room. One hundred and sixty students enter the lunch room shortly after one o'clock. During this

rush is it just that chairs should be unused for even a fraction of the time, and the convenience of the greatest number of students be thereby disregarded? When chairs are tipped during the early rush, those ready to occupy them are prevented from doing so out of mistaken courtesy to others. Men who tip chairs practically remove them from the room for the time being. Your correspondent says it does not seem reasonable to suppose that men go about tipping chairs and leaving them vacant. Any man who turns up a chair makes it vacant for a certain time. Furthermore, instances can be furnished where men have turned up more than one chair, have neglected to turn down chairs, and where men have even turned up chairs at twelve o'clock which they had no intention of using till one o'clock.

Instead of first come first seated, it should be first served first seated, just so long as present crowded conditions remain. However much we may regret that the lunch room cannot serve for a jovial meeting place, as more commodious arrangements such as Harvard's Memorial Hall allows, we must consider present accommodations as belonging to all, and not appropriate them for private pleasures, which although well enough in themselves, are rendered inexcusably selfish by the chair-tipping system. Tipping of chairs, then, allows a few to enjoy the privileges belonging to the many, which is not as it should be.

G. L.

TO THE EDITORS OF THE TECH:—

It is rumored about that the "M. I. T. A. C." is in very great need of funds, as almost every other college organization is at this time of financial stringency. The Athletic Club is responsible for these rumors and for notices which state that the club is a very worthy institution, and that a dollar paid for membership would be well spent. The membership fee simply exempts one from entrance fees in meets which are run by the club.

These notices seem to be much like beggars' placards which proclaim all kinds of worthiness for the wearers. Now, if the Athletic Club would do a little "hustling" instead of so much proclaiming, it could surely enlarge its receipts.

It seems hard to explain why a club composed of so many energetic men should not show a little common sense by following the example of the Suffolk Athletic Club, which held its last cross-country run in an enclosed park. By adopting such a plan for its pro-

posed cross-country run, the members of the M. I. T. A. C. would be able to engineer a successful event. If this project were supplemented by thorough advertising, the gate receipts accruing from such a course would surely be large enough to run the club comfortably for the remainder of the present college year.

W. D. P.

TO THE EDITORS OF THE TECH:—

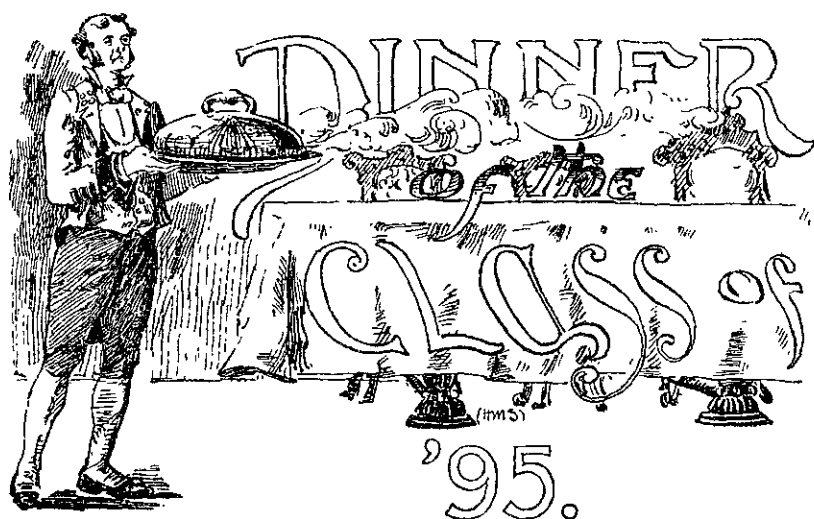
I wish to offer you a suggestion which has, perhaps, been mentioned before, but which has not as yet been acted upon.

As every Tech man knows, the Athletic Club is in a very poor financial condition, perhaps a precarious one, but at any rate an uncomfortable one for the officers.

Now, as perhaps very few men who at present are undergraduates know, the Athletic Club has from time to time given a great deal of money to other 'varsity associations. For example, three years ago it gave a large amount to the Football association, and thereby kept that association intact until the following year. Two years ago the Athletic Club lost one hundred and fifty dollars on the polo team, which commenced so prosperously and ended so miserably. These are but two examples, and date back but three years out of the nineteen that the Athletic Club has existed; but these two examples will suffice to show what I wish—that the Athletic Club has paid out a great deal to other organizations, and has never yet received one cent in return.

It has already been suggested that the Glee Club give a concert for the benefit of the Athletic Club, and I wish to ask why such a suggestion cannot be carried out. I have asked men connected with the Glee Club concerning this, and have always been told that the Glee Club was busy getting money for its Western trip. What good will that do the Institute? I answer readily enough, none. If it is, as some say, to get the West better acquainted with the fact that Tech exists, it seems to me to fall somewhat short, as every one knows that we are far better known in the West than in the East. As it is, the Institute itself will obtain no advantage and undergoes the risk of a complete failure by the trip. However, I do not wish to criticize the management of an organization with which I am not connected, but I should like to know why the Glee Club can't maintain the good old custom of the prosperous helping out the needy.

RUSSELL STURGIS, 2D.



THE third dinner in the history of '95 was held at Young's Hotel on Tuesday evening, December 12th. About sixty men filed into the room at eight o'clock prepared to conquer the excellent feast ordered for the evening. The *menus*, artistically decorated by a photogravure of "Old Rogers," called forth many a note of praise. During the early evening, ravenous appetites left but little time for conversation; but as the hour grew late, even those who measured forty around the belt reached the limit,—of the belt,—and skillful repartee pervaded the thickening air.

When plates were pushed aside and a look of happy satisfaction appeared on the faces of those around him, the President, M. L. Fish, after a few spicy remarks, introduced Mr. A. L. Canfield, the toastmaster for the evening. In a short time Mr. Canfield showed his ability to do justice to the position, and called upon Brother Schmitz to open the meeting with a cheer; a rousing yell was the response. Then Mr. E. H. Huxley, the first speaker, was introduced to toast "Old Rogers"; this he did by very interesting accounts of many scenes which the building has witnessed. Mr. Boeseke was next surprised by the request for an impromptu on "Technique," owing to the illness of Mr. Tillinghast. Amid a round of applause our 'varsity captain, Mr. J. W. Thomas, arose to expound the beauties and advantages of the shed familiarly known as the Gym. The successes of "Technology at the Fair," including a few anecdotes from the

trip of the "Cadet," were then reviewed by Mr. A. D. Fuller.

A well-rendered solo by Mr. F. C. Schmitz urged on the buoyant spirits, although a few holes were cut in the smoky air to allow the song to reach all present. Mr. Schmitz answered the encore with "Daisy Bell," with every one singing in the chorus.

Course XIII. received attention by R. G. B. Sheridan. The following toast, "Tech as I have found it," showed the fertile brain of Mr. Gerard Swope, who, to the great delight of his hearers, told the whole in verse, even the additional bits which the applause demanded. "Co-education" was advised by Mr. J. J. C. Wolfe, showing by his remarks that he was decidedly in favor of the ladies.

Mr. W. C. Marmon was at home when he began his toast, "On the Bicycle," and advocated its use by all. Several selections on the banjo by G. F. Shepard, Jr., delighted the crowd to the extent of numerous encores.

On "The Financial Depression," Mr. L. K. Yoder held forth at length, congratulating the men on the prospects of a full treasury.

With many rousing cheers, the crowd started for home by straight and circuitous paths, after spending a night of thorough enjoyment.

The Institute of Technology.

THE December meeting of the Corporation of the Massachusetts Institute of Technology was held at the Rogers Building Wednesday afternoon, when reports of the President and the Treasurer were presented. Mr. George A. Gardener was elected a member of the Corporation.

President Walker's report shows the number of students this year to be 1,158,—a gain of 98 since last year. Of this total, 701 were on the catalogue of last year; 457 are new students. The average age on entrance is 18 years 9 months. It is deemed remarkable that the combined effects of financial stringency and of the large number of new technical schools or technical departments in the older colleges and universities, should not have reduced the attendance of students at the Institute. On the contrary, not only has the aggregate number increased, but the constituency of the Institute has widened. Forty States of the Union, together with the District of Columbia, Utah, and New Mexico are represented upon the lists; twenty foreign countries or provinces send students to the Institute. The number of students from Massachusetts is

666, every county but Dukes and Nantucket being represented. Suffolk leads with 202 students; Middlesex sends 192; Essex 81; Norfolk 78. One hundred and fifteen Massachusetts towns send students, forty-one sending four or more. The number of women pursuing studies at the Institute is forty-seven. Among the students are seventy-nine graduates of institutions conferring degrees. Of these nineteen are graduates of Harvard University, eleven of the Institute of Technology, four of Yale, three each of Williams and Smith Colleges, while thirty-eight other institutions are represented.

No new buildings have been erected during the year, but the Institute has acquired by purchase 50,000 square feet of land immediately adjoining its Engineering and Architectural buildings. The cost of the acquisition being about \$277,000, brings a very severe strain on the finances of the school. The President remarks that at no time in the history of the Institute has the financial pressure been equally severe and painful.

Among the courses of instruction, the greatest number of regular students is found in Electrical Engineering; Mechanical Engineering follows next, Civil Engineering being third, and Architecture fourth. The total number of students, both regular and special, in the department of Architecture is 119. The appointment of M. Despradelle, in succession to Professor Létang, has proved most fortunate. The enthusiasm of the department has never been so great, or the standard of instruction so high, as at the present time. Mr. S. W. Mead, of Boston, has been appointed assistant to Professor Despradelle.

The total number of students pursuing mathematical studies is 857: 631 take English; 609 Physics; 551 Chemistry; 410 German; 370 French; 252 shop work. The total number of instructors of all grades, regularly engaged at the Institute, is 117. In addition to these are twenty-seven persons appointed as lecturers for the year only, raising the aggregate of those concerned in instruction to 144, which gives one instructor to eight students.

The Faculty has lost three members during the year; Prof. Lewis H. Horton by death, Profs. Charles H. Levermore and George R. Carpenter by resignation. The chair of English, made vacant by Professor Carpenter's resignation, has been filled by the appointment of Mr. Arlo Bates. Dr. Drown takes charge of Professor Norton's work for the present year, assisted by two instructors and a number of chemical experts giving lectures on their several specialties. No attempt has been made to fill the chair made vacant by Professor Levermore's resignation. Assistant Professor Currier for the present takes charge of the department of History: special courses are to be given by Dr. John Fiske, of Cambridge, Mr. A. Lawrence Lowell, of Boston, and Prof. J. F. Jameson, of Brown University.

The equipment of the Institute has been largely increased in nearly every department during the year. The libraries of the Institute now aggregate over 30,000 volumes and 12,000 pamphlets.

Two members of the Corporation have died during the year,—Mr. Frederick L. Ames and Mr. Jacob A. Dresser.

His Last Kiss.

"There's rosemary, that's for remembrance: pray, love, remember; and there is pansies, that's for thoughts."

HERE were four of us, and we were fond of yarning. Two, Raynold and I, had been classmates at college, and formed the nucleus. Joggins had shot a tiger off my back in India five years before, and had refused to be anything less than a revering companion because I got healed of the bite in my neck.

Tatarentuello was the only original one of the four. We called him Tarantula, because we knew it, and were the only ones who dared to chaff him; also because women said he was poisonous. Tarantula was a symphonic product of the sunny South,—a Peruvian and a New Orleans creole. How the last two found each other has nothing to do with the case,—enough that their joint offspring was ample excuse for the trouble. Tarantula's claim to our consideration was based upon three facts: he had followed Tongue-in-the-Mud, the most blood-bespattered chief who ever chased scalps with the Sioux, into the Black Hills, tracked him for six days, and on the seventh sent his scalp to the Secretary of War; he had rescued an American girl from the harem of Mahmoud the Second, and restored her to her palpitating Boston lover, and he never wore his medals.

It was our custom to meet at six o'clock on Christmas Eve, spend thirty-six hours together, and then separate for any time, from a week to fifty-one and the fraction. We were always together Christmas Day, and some of us were separated by at least the diameter of the globe for the rest of the year. This year we three were waiting for Tarantula. It was five minutes of six, and we were hungry. On the other side of the portières Mulek was softly putting in place the last dishes; the smell was delicious.

"Tarantula's coming late, and it's his yarn this year," complained Joggins. Joggins was skeptical.

Six dull alarms sounded from some spire

in the neighborhood, the portières were clapped back by Mulek, and Tarantula stepped across the threshold from the hall. We greeted with a Merry Christmas each to Tarantula, and Tarantula to each, and took our seats. When Mulek had cleared the board, had laid a box of cigars by three plates, and a jeweled cigarette case by Tarantula's, had uncorked the bottle of curaçoa, and withdrawn, Tarantula began his story.

"June I spent in Paree. I was in the Hotel M——, on the Rue de Rivoli. My room looked out upon those peaceful Tuilleries, where the moonlight was very beautiful, the trees were very still, and the shadows were very soft. Soon I was going to hear La Belle Narcisse at the Astrologes. Paree was then off her feet to get to hear her sing. Nevertheless she sang well; she had a heart, and she used it to help her sing.

"I was on the balcony, listening to one of Narcisse's songs in my memory. I heard a sound in my room; I turned around, and there was a woman there. Ah, she was beautiful! She was what Joggins would call a queen,—wishing to say a woman who is so beautiful that her worshipers are as many as all those who have had queens since Cleopatra.

"She was twenty-eight, and her figure was superb. She stood in the center of the room, and looked at me. I stood up quickly, and then I could not move; I could only look too, while her lovely face spoke to me through its splendid—eyes, you would call those of other women; hers were lakes and skies of Italy, and I have only seen something like their mellowness in a grotto in a glacier in the Alps.

"All at once she raised her arms and the cloak fell away from them, and she stretched them, bare and pleading, out to me. Tears came up into her eyes, and they seemed more beautiful because they were softer.

"'Madame,' I said, 'where is he?'

"Her eyes grew softer, still softer, and for a moment they were not looking at me, and I felt cold. Then she spoke:—

“‘Do you love me?’ she said.

“I would have clasped her to my body, but she turned her wrists, and the new attitude I would not resist.

“‘Do you love me?’ she said again.

“‘Vision,’ I replied; ‘a woman never loved as I love you.’

“Then she said, ‘Follow me,’ and smiled, and turned, drawing a veil over that angel face. Gently she took hold of my arm, and we passed out through the court, through the gates, and along the Rue de Rivoli to the Place de la Concorde. People looked at us, but we were walking fast. She led me over to the bank of the river, to a place where it was dark. She looked down into the blackness for a moment, and then up into my face. She gazed deep, deep into my eyes, and then said, very softly,—

“‘Kiss me.’

“She came very gently to me and put her arms about my neck, and bent back her head, and I drew her very close to me and kissed her mouth. Not once I kissed it, not twice, but many, many times, till I felt my own lips growing sweet and soft like hers.

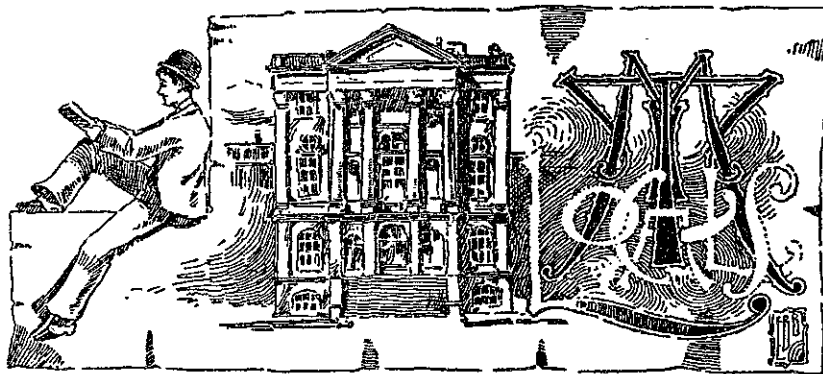
“Her eyes were shut; she opened them, and it was only love that made them so deep and tender. ‘Let me go now,’ she said, so sadly that I did not want to obey, but yet I could not do otherwise but just as she said, she was so tender.

“Suddenly she jumped from me, flung herself over the parapet, and the splash in the water was the only sound that brought me back to myself. I called a gendarme, and one came three minutes later to pull me out of the river. I could not find her.

“Next day her body was recovered, and identified at the morgue. She was mad, and had run away from the asylum. Ten years before, her husband had left her one evening in their honeymoon to walk in the Tuilleries, and had been murdered; his body was found in the river with the throat cut, and she had seen it. It was then that she became mad.

“Joggins, pass me the curaçoa.”

F. H. H.



The Institute's World's Fair exhibit has returned.

Those theses are still perplexing the aspirants for S. B.'s.

The cross-country run has been postponed until further notice.

The Society of Arts meets on the second and fourth Thursdays of each month.

The annual dinner and reunion of the Class of '78 will probably occur on December 29th.

Messrs. R. Johnston and C. Young, class of '96, joined the Delta Sigma a week ago Saturday night.

Mr. B. M. Mitchell, '93, is now Mechanical engineer for the Manhattan Rubber Co., of Passaic, N. J.

Mr. H. W. Leonard, '83, has been elected vice president of the American Institute of Electrical Engineers.

The lectures in second year acoustics are to be held, until further notice, in the Physics Lecture Room in Walker.

The geological department has just had set up a machine for cutting and grinding rock sections in Room 2, Rogers Building.

The Christian Union holds meetings regularly, except during examinations, in Room 27, Rogers, at 1.50 P. M., every Tuesday.

The grouping of '96's football team in a photograph recently taken, is excellent. Orders for the picture may be left at Box III, Cage.

There will be a meeting of the Class of '79 on December 29th. Mr. R. W. Lodge and Mr. G. H. Barton are both members of the class.

Intricate demonstration by Professor Cr-ss: "Now, gentlemen, if p is equal to p' , p' is equal to p ." Prolonged applause by Sophomore multitude.

All former members of K_2S are requested to place themselves in correspondence with the secretary, Mr. Leslie R. Moore. Address Institute of Technology.

Prof. C., lecturing on optics: "Of course, gentlemen, there is no difficulty in a man's placing himself in such a condition that he can see any number of moons."

Our scientific German scholars. — Mr. D—n—, translating from "Vulkanische Eruptionen."—"Sandy and ashy matter bubbles forth toward the heavens."

A very interesting course of twelve lectures is expected in February from Professor Dewey. The subject which he will take up is the now prominent question of "Socialism and Crime."

It is hoped that all societies and clubs at Technology will send the dates of their meetings to THE TECH a week in advance, so that the events may be announced in the Weekly Calendar.

The Class of '77 will give its annual dinner at Young's Hotel, Boston, December 27th, at 6 P. M. All members unable to attend are requested to send letters. Mr. R. A. Hale is the Class Secretary.

H. W. Alden, '93, inspector in the American Projectile Co., Lynn, Mass., is to be married on the 27th of this month to Miss Madeline H. Grier, of this city. Mr. and Mrs. Alden will make Lynn their home for the present.

Professor Currier lectured to the Sophomores in American history last Friday in the absence of Professor Fiske. His subject was "The Establishment and Powers of the United States Government," dwelling at some length upon the Constitution and its construction.

"Mr. Wh-tten, go on," said a professor in German the other day.

Wh-tten: "But I prepared this a week ago."

Mr. M-y-r: "Oh! so much the better. Don't you know Madeira wine or whiskey gets much better the older it is?"

Men have been at work in 32, Walker, repairing the miniature Indian village. The scene represents the cultivation of indigo, and its preparation for commercial purposes by the natives. When the repairs are completed, the whole is to be put under glass for preservation.

The argentiferous lead produced some weeks ago in the blast furnace was successfully cupelled last Tuesday on a test filled with the limestone clay mixture, commonly used in the laboratory. The experiment tried last week of using cement as a test material proved a failure.

The Class of '81 gave a dinner September 20th at the Great Northern Fireproof Hotel, Chicago. Mr. F. E. Came, Manager of the Canadian Bridge and Iron Co., reports as Class Secretary that the class as a whole has been very successful. The class directory will soon be published.

At a recent meeting of the 'varsity football team, Thomas was elected captain for 1894. Captain Thomas's endeavors to make a team out of what little material he had are fully appreciated, and it is to be hoped that next season the number of candidates will greatly exceed that of this year.

The Geological Club met in Room 14, Rogers Building, on Monday afternoon, December 11th, at 3.15 P. M. Professor Crosby gave a paper upon the Gypsum Quarries of Nova Scotia. Mr. Nichols talked upon the similarity of markings observed upon modern beaches to certain fossil forms.

The performances between first and second, at our recent games, in the standing broad ump, were so creditable that a special match between Gilman, '96, and Burnett, '96, has

been arranged by the B. A. A. The two '96 men will compete this evening in the B. A. A. gymnasium, for the Tech record.

The Deutches Verein held its second regular meeting in 22 Rogers Building. Mr. F. E. Mathes presided. The constitution was read by Secretary Baldwin, and then taken up and discussed by articles. The constitution was then accepted. No further business was brought up, and the Verein adjourned.

The Senior Nominating Committee has been chosen as follows: Course I., Meade, E. M. Hunt; Course II., S. G. Reed, Tenney, Wrightington; Courses III., VII., and XI., Mackay; Course IV., Dickey, MacClure; Course V., Piper; Course VI., Westcott, Nash, Harwood; Courses VIII., IX., XII., King; Course X., Clement.

Mr. W. M. Partridge, '96, is gaining some reputation as a lecturer. He made a study of the Columbian Exposition, and combined his observations with numerous facts, anecdotes, and statistics. These, supplemented by excellent stereopticon views, equip him to entertain an audience very satisfactorily. He is certainly deserving of encouragement and success.

A meeting of Le Cercle Français was held Wednesday, December 13th, in Room 23, Walker Building, with an attendance of about twenty-five. Mr. Mason gave an interesting account of military drill in French institutions, and was followed by Miss Mahoney with an amusing anecdote. M. L. E. Bernard read several scenes from *L'Avare de Molière*, which concluded the meeting.

K₂S held its regular monthly meeting on Friday, the 15th. Mr. Nisbet read a paper on the "Analysis of Fats and Oils," and Mr. Shiertz a paper on the "Composition of Furnace Slags." Professor Talbot and Mr. Davenport accepted honorary memberships in the society. Mr. F. P. Blake, '95, Mr. R. M. Ellis, '95, Mr. R. Johnston, '96, and Mr. J. F. Murphy, '95, joined the society.

Members of Courses I. and XI. have lately been enabled to procure copies of the "Engineering Index," gotten out by the Association of Engineering Societies, embracing an almost complete list of permanently valuable engineering articles which have been published during the past eight years. Only a small edition was published, so that but few copies were procurable by any but members of the Association.

At the Technological Congresses at Chicago the Institute was well represented. In the Congress of the National Educational Association, President Walker presided over the section on Technological education, and papers were read by Professor Richards, Professor Lanza, and General Walker. Later at the Congress on Engineering Education, of which Professor Allen was secretary, all the professors from the Civil Engineering Department were present and read papers.

The architectural library has recently been enlarged by a handsome gift consisting of "Montfaucon's Antiquités" in fifteen quarto volumes, two large folios of "Atlante Monumentall," and the author's copy "Lewise's Alhambra." The last named is especially interesting, both on account of the subject and the exquisite manner in which it is executed. "Montfaucon's Antiquités" is very old and a very rare work, and is consequently a valuable addition to the library.

The Institute Committee met in THE TECH office last Thursday. The principal business was receiving reports of sub-committees. A written request from the managers of the Technology Assembly, that the Institute Committee see each year that men from the Junior Class are elected to run the affair, will be acted upon after due deliberation, and presented to each class for sanction. As no satisfactory pin design has been received, the competition will be reopened.

At the meeting of the Society of Arts, Thursday evening, December 14th, Mr. H.

A. Carson read the paper of the evening, on the "Metropolitan Sewerage Commission of Massachusetts." Mr. Carson, who is chief engineer in carrying out the projects for the disposal of the sewerage of Boston and its surrounding towns, deserves the greatest credit for his success in a work which has been at times most difficult. His report of the work of the Commission was very interesting, and especially valuable to men in Courses I. and XI.

Tech men were well treated at Chicago by various manufacturing concerns. The Illinois Steel Company gladly granted passes to numerous students. All who took advantage of this courtesy were many times repaid. The Niles Tool Works sent invitations to several Tech men to make use of the city offices and the exhibit of the Company, as well as to stop at the factory on the way to the Fair. The Hancock Inspirator Co., Allis Engine Co., in fact, every one of the scientific exhibitors extended ready hospitality to all men hailing from the Massachusetts Institute of Technology.

The "Deutches Verein" held its first meeting in Room 26, Walker, December ninth. There were about fifty present; F. E. Matthes, '95, called the meeting to order with a few remarks in German. A committee to draw up a constitution was elected by ballot, and Messrs. F. E. Matthes, '95, and Mr. H. S. Baldwin, '96, were elected by acclamation for president *pro tem.* and secretary *pro tem.* respectively. A few remarks were made by Professor Dippold and also by Mr. Blachstein. No further business was brought up, and the club adjourned.

Dr. William Z. Ripley, instructor in political science in Course IX., is to deliver a course of lectures before the graduate students in the School of Political Science at Columbia College, New York, beginning in January. The title, "Man in Nature," indicates the general scope of the series, which

will serve as a foundation for the further study of sociology. There is a marked tendency toward a more complete analysis of the effects of environment upon society among scientific thinkers to-day; and one of the most serious problems is to determine the intensity, together with the just limitations, of purely physical and organic influences upon human life and thought. This course will endeavor to throw some light upon these obscure questions which lie at the basis of all social life.

Perhaps none of the World's Fair Congresses was of more interest to the body of Technological students at large than that of Engineering Education. As the result of the meeting a permanent society was organized for the advancement of education along these lines. A governing council of twenty-one members was chosen, among whom was Prof. G. F. Swain, of our own Technology. Professor Swain was also elected president of the society; Prof. J. B. Johnson, of Washington University, was chosen secretary, and Prof. Storm Bell, treasurer. The papers read before the Congress will be published during the year together with an abstract of the discussions, in all making a pamphlet of some two hundred pages. The society will hold its meetings annually in some appointed place, and, in general, such subjects will be discussed as in their development will lead to a vast improvement in the various branches of engineering education.

Inquiries are often made concerning the opportunities for students to obtain work during vacation; the following statistics from third and fourth year Civil and Sanitary Engineering students prove the value of even a partial education here at Technology: During the past summer, of the twenty-nine fourth-year Course I. men, twenty worked at civil engineering, one was in business, and eight preferred a rest; that is, about seventy-two per cent were at work. The average pay received was about \$55 per month, the lowest about \$40, and the highest \$100 per month.

From the thirty-one replies from third-year students, nineteen worked at civil engineering, twelve preferred to rest; this shows sixty-one per cent secured work. The average pay was \$51 per month. The actual pay ranged between \$25 and \$150 per month. When it is considered that many of those who did not secure work did not care to do so, and also that last summer was an extremely poor season for securing positions, it is apparent that these figures are more than satisfactory. The conditions existing in other courses will be published at a later date, but surely Courses I. and XI. have an extremely good showing.

The forthcoming report of President Walker will show an interesting distribution of the students among the towns in the vicinity of Boston. Of a total of 1,158 students now at the Institute, 619 reside within the inner limits, presumably within easy walking distance of the buildings. These men are largely located on Columbus Avenue and the immediate vicinity. In addition to these, 135 reside in the limits of suburban Boston, 47 come from Cambridge, and 32 from Brookline; 248 in all probability make use of the street cars daily in going to and from lectures. One hundred and forty-seven come from towns within a radius of ten miles, Newton heading the list with 33 students, Hyde Park, Malden, Lynn, and Waltham being represented by 13 to 16 students each. The remainder of the State sends 138 students, Framingham and Newburyport taking the lead in this class. Nearly fifty towns in Massachusetts send students to Technology daily. By this account 31 students travel over sixty miles a day each for the sake of an education. Newburyport's contingent alone travels over 5,000 miles weekly. This shows that the daily travel for the whole Institute is upward of 8,700 miles. Of this traffic the Boston and Albany Railroad enjoys the largest portion, the Boston and Maine and the Old Colony coming next in order.

The Senior photograph committee is seriously considering the feasibility of publishing

a portfolio. If accomplished this will enable every man in the class to obtain a picture of every one of his classmates, and also of the Faculty, together with full page reproductions of all the Institute social organizations, the different buildings, and some general views at the Institute, besides the class-day officers and speakers; all for less than he can get twenty-five pictures of his friends. It is proposed that the portfolio shall contain twenty-five full pages of illustrations, the pages being nine inches by twelve inches. No text would be inserted, but simply the names of the members of the organizations would be printed opposite their pictures. It seems especially desirable to the committee that such a book should be published. It would serve as an excellent souvenir of class day, and would come nearer representing that day and the Institute itself than anything that has yet occurred to the committee. The portfolio would be handsomely bound in leather, and would sell for between four and five dollars, depending upon the number of the edition. Other colleges and universities have issued such souvenirs successfully, and there is no reason why it should not be done at the Institute, provided only a sufficient number of men subscribe for it. Although it would be issued primarily for the graduating class, yet it would comprise enough of general interest to make it of value to men of other classes, and also to the professors and instructors of the Institute. In order to get the book out at the price quoted it would be necessary that every man's picture which is to appear in the work should be donated to the committee for the purpose of reproduction. Before any definite steps are taken toward this work it will be absolutely necessary that the committee have a guarantee of the sale of a sufficient number to make the undertaking a success.

Mr. Charles D. Smith, a member of Course II. of the Sophomore Class, died December 11th. The funeral took place at Brookline.

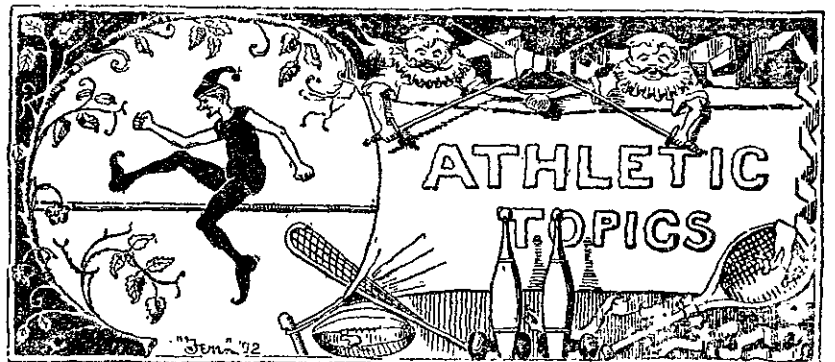
Cruise of the "Cadet."

THE cruise of the steamer "Cadet" from Portland, Me., to Chicago proved to be one of the most interesting and educational methods of reaching the World's Fair. Readers of THE TECH will recall that notices of the proposed trip and particulars were published from time to time until the number necessary to make the trip a success was secured.

On the eve of May 31st a jolly crowd of Tech students were whirling over the country in a special sleeper to meet the boat at Buffalo, whence the remainder of the trip was made by water. Although the weather was usually fair, the rough trip during the first night on Lake Erie caused misery for a number. A heavy fog now and then rendered navigation extremely dangerous, even enforcing a delay of about nine hours on the St. Clair River. After the winter's struggle, this lazy life and the ever-changing scenery made time pass rapidly and pleasantly. Local ingenuity furnished schemes to dally away the time, while the merry alumni on board kept all in good humor during dull weather.

Six events and more than a dozen entries furnished fun for the spectators at the first open athletic meet on the upper deck. This meet was such a success that on the return trip a second one with more entries and events was held. Mr. Collins was the envied winner of the handsome gold athletic pin offered the all-round champion. During the eleven days' stay at Chicago, the party received many attentions and favors from Exposition officials and others. A well-attended reception was tendered all Tech men, the "Cadet" was gayly festooned with lanterns, refreshments were served, and a successful social evening was passed. After the brilliant display of fireworks on the evening of Massachusetts day, June 17th, the lines were cast off, and after a rattling Tech cheer the wonderful "White City" faded into the darkness. The excellent weather, the sights of various ports,

the domino, checker, shooting, and other tournaments, combined with gay spirits to shorten the lake trip; but all were glad to leave the boat at Lockport, N. Y., for a day at Niagara Falls. From Rochester, where the boat was again boarded, to Albany stretched the apparently unattractive canal; but the fine scenery, the proximity to the village people, gaping at the largest boat that ever went through the canal,—the novelty of the life, made this the most interesting part of the trip. Stops were made at New York, Newport, Cottage City, and Martha's Vineyard, before reaching Boston on June 29th. Considerable credit is due Mr. B. R. T. Collins for originating and managing the party. With no experience in such matters, few would have had the courage and perseverance to carry out the plan.



The bicycle is being introduced in fire departments.

H. M. Thornburgh has been elected captain of next year's Dartmouth football eleven.

Harvard has formed a sparring club. A few special bouts might be arranged for our sparring meet early in February.

J. Strowbridge is Trinity's football captain for 1894.

W. J. Batchelder, '96, has retired from track athletics. He will continue his sparring and football, however.

Harvard students are considering the idea of flooding Holmes Field for skating.

R. D. Farquhar, who figured prominently in Harvard athletics last winter, wore '95's colors at our meet. Mr. Farquhar is taking a special course at Technology.

But few will be taken on the Track Athletic Team, as its membership is to be kept at a minimum. The ablest and most likely candidates are Boeseke, '95, Farquhar, '95, Burnett, '96, Gilman, '96, Bakenhus, '96, and Rockwell, '96. The present members are Lord, '94 (captain), Andrews, '94, Batchelder, '96, Clapp, '95, Curtis, '94, Driscoll, '96, Hurd, '96, Marmon, '95, Owen, '94, Parker, '95, and Tillinghast, '95.

It seems that Burnett, '96, has competed in athletics for about five years. He came from the State Agricultural College of Michigan, where he won no less than fifty prizes, three of which are Michigan intercollegiate championships. Mr. Burnett's forte is jumping, yet he can run the 100 in less than eleven seconds, and throw the hammer about one hundred feet.

The new rules adopted for the cross-country run December 16th, seemed very popular, as more interest and class spirit were introduced.

Lord, Hurd and Farquhar won prizes in the members' games of the B. A. A. December 6th. Lord, with an actual jump of 9 ft. 2 in., and his handicap 8 inches, won first in the standing broad jump. Hurd got a second in the standing hop, step and jump, 27 ft. 7 in. (2 ft. 6 in. handicap.) Farquhar won first in the running high jump, clearing 5 ft. and 4 in. (6 in. handicap.)

A sparring meeting will probably be held early in February. Those who wish to learn the science can find no better instruction than that received in competitions. Wrestling will also be a part of the programme.

E. A. Sumner, '97, is a very easy hurdler.

Stoughton, '95, is a Yale champion cross-country runner. He entered the Institute this fall.

Hinkey has been re-elected captain of the Yale football eleven.

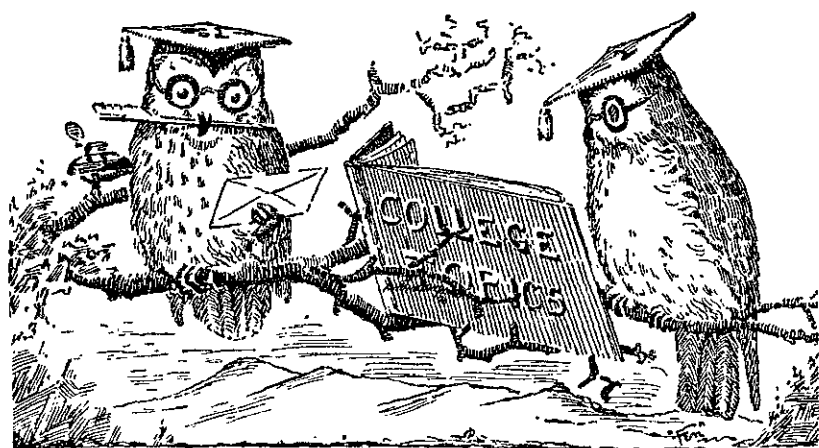
The Corey Hill Toboggan Club is to have a return chute this year and a motor to draw the sleds up the hill. Tobogganning will thus be made more popular this winter.

F. W. Lord, track athletic captain, has the varsity T for members of the team.

During the Christmas recess it may be of interest for the readers of THE TECH to consider the athletic standing of Technology in the college arena. Possibly the story is best and most concisely told by placing the records of the M. I. T. beside the collegiate best-on-records. Of course there appear to be big differences, but understand that the second column represents the best records of the leading American colleges. The standing broad jump, pole vault, and fence vault records are worthy of especial praise, since in the first case we hold the collegiate record; in the second instance, we come remarkably close to the record; and in the third place, as no collegiate record in the fence vault is established, upon comparison with the records of the best athletic organization in New England,—the Boston A. A.,—we again take the lead.

The present records of the following standard events are given below:—

	M. I. T.	INTERCOLLEGIATE.
One hundred yard run	10½ sec.	10 sec.
Two hundred and twenty yard run	23½ sec.	21½ sec.
Four hundred and forty yard run	53½ sec.	49 sec.
One-half mile run	2 min. 6½ sec.	1 min. 55½ sec.
One-mile run	4 min. 4½ sec.	4 min. 29½ sec.
One hundred and twenty yard hurdle,	16½ sec.	15½ sec.
Two hundred and twenty yard hurdle,	26½ sec.	24½ sec.
Two-mile bicycle	6 min. 1½ sec.	5 min. 31½ sec.
Running high jump	6 ft. ½ in.	6 ft. 4 in.
Standing high jump	4 ft. 10 in.	5 ft. 1½ in.
Standing broad jump	10 ft. 7½ in.	10 ft. 3¾ in.
Running broad jump	20 ft. 8½ in.	22 ft. 11¼ in.
Fence vault	7 ft. 2 in.	(B. A. A. 6 ft. 11¼ in.)
Pole vault	10 ft. 7 in.	10 ft. 9¼ in.
Putting 16-pound shot	36 ft. 2¼ in.	40 ft. 10½ in.
Throwing 16-pound hammer	85 ft. 11 in.	112 ft. 9 in.



A new dormitory is being erected at Harvard by Lynn B. Porter, and will be ready by next fall. In its arrangement, convenience, and completeness, no expense will be spared. It will be a six-story building, of Italian Renaissance architecture. It provides for fifty-five studies, ninety-four bedrooms, a general room, two shower-bath rooms, and a passenger elevator.

The intercollegiate chess tournament will open on December 26th, at the rooms of the Harvard School, on Fifth Avenue, in New York. The members of the winning team will receive medals, and an individual medal will also be given.

Columbia College has six hundred graduate students, the largest number in attendance at any college in the United States.

Yale University received first prize at the World's Fair for its collection of photographs and charts, illustrating equipment and work.

Pennsylvania has received ten awards for its exhibits at the World's Fair.

Ohio has 36 colleges and universities, Illinois comes next with 28, while Missouri has 27; Massachusetts has 9.

One hundred and two members of the House of Representatives are college graduates.

President Harper, of the University of Chicago, gives the average salary of college presidents as \$3,047, of college professors \$2,015, and of instructors as \$1,470.

Harvard will give the degree of A. B. to women hereafter.

Trinity College has received gifts and bequests to the amount of \$72,000 during the past year.

The largest scholarship given by any American college is the Stinnecke scholarship at Princeton. It is awarded for excellence in Latin and Greek, and amounts to \$1,500 annually.

The faculty of the University of Pennsylvania gives credit for work done on the college papers.

The United States is the only country in the world that spends more money on education than upon war equipment.

Ex-President Harrison's lectures on law before the students of Stanford University, will be delivered in February.

The Harvard Club of New York City is building a permanent home, to be known as the "Harvard House," on Forty-Fourth Street.

The "Cercle Français," of Harvard, will present Molière's "La Marriage Force," on December 18th in Cambridge, and on December 21st in Boston.

Preparations are already being made for the 100th anniversary of Bowdoin College, which occurs next June. Professor Arlo Bates, of Bowdoin, '73, will read an original poem.

The Harvard Glee and Banjo Clubs are to begin their holiday tour next week, giving their first concert in New York City on the evening of the 22d of December. Harry S. Jones, who sang in the Technology Club last season, is first tenor on the Glee, and is also a member of both Banjo and Mandolin Clubs.

At the Worcester Polytechnic Institute publications by the students must be submitted to the Faculty before circulation. This was enforced because of the last annual, or class book, as it is called, which was full of "grinds" on the Faculty.

Yale again has taken the initiative. This time she proposes to modify the present football game.

ORIGINAL VERSE.

A Furniture Romance.

A piano loved a carpet gay,
 On account of its "figure" trim;
 "But the chair has the 'rocks,'" the carpet said;
 "I think I'll marry him."

J. H. S., '96.

My Shipshape Girl.

BY A COURSE XIII.

I used to know a daisy girl,—
 In fact I know her yet;
 And everywhere she wants to go,
 The boys go too, you bet.
 She's built quite shipshape, don't you know,—
 A thing which I admire,—
 And calculated every time
 Some feeling to inspire.
 Her neck is long and sinewy,
 Like that upon a swan;
 A very tempting hook, indeed,
 To hang coat sleeves upon.
 Her waist, for it is built so trim,
 Reminds me of a ship,
 And one that never misses stays
 Till it is in a slip.
 And yet it is not like a ship,
 Albeit built so snug;
 For while ships often hug the land,
 She often lands the hug.
 In fact, so finely is she built,
 I think she'd do first rate
 For any captain looking for
 A good all-round first mate.
 She's learning now to tread that deck
 On land they call the stage;
 And hopes ere many years have passed
 To be quite all the rage.
 So when they make her admiral,
 Or commodore, or such,
 And she goes stamping round her deck,
 And sings to beat the Dutch,
 And to her maintruck nails a broom
 To show she's swept things clean,
 And everybody says that she's
 The finest ever seen,—
 Why, then, I hope, she'll send to me
 A parquet pass for two;
 To pay, at advertising rates,
 For all the verse I do.

J. L. M., '96.

In Solitude.

Alone, far from the scenes of student life,
 One summer night I drifted on the lake,—
 Leaving behind all struggling and all strife,—
 And let the gentle winds of evening take
 My craft where'er they willed. The silence deep
 Was broken only by the sighing pines;
 The white mist clouds, like myriad ghosts, did creep
 Across the water's face in solemn lines;
 While the full moon, climbing the eastern height,
 Bathed all around in soft and silvery light.
 How far away seemed all our world of care,
 In realms of books and city's din, now spurned!
 What whispered of the nobler lessons learned
 From Nature's book,—her trees, her stars, her air?
 Love, beauty, peace, alike are here discerned;
 Each one a step in life's dim winding stair.
 Perhaps 'tis in such moments that we feel
 How far our souls may rise above the clod
 And mire of life; such moments may reveal
 How we through Nature meet with Nature's God,
 And how the mysteries of our life may
 Be but a fog cloud, soon to pass away.

S. C. P., '94.

In the Shops.

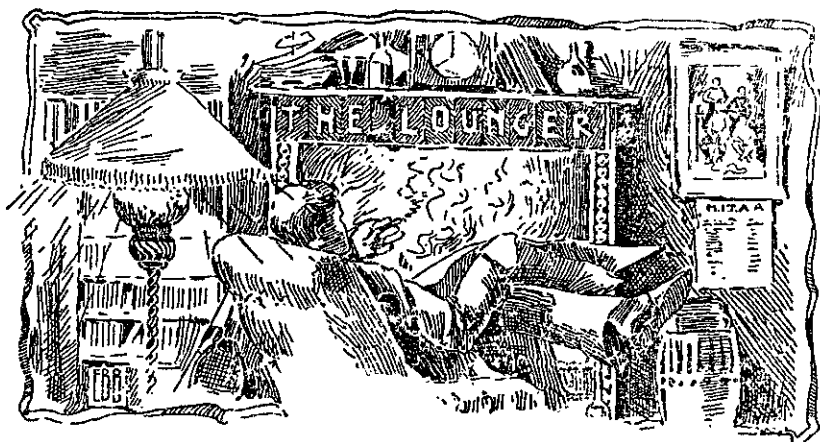
The Freshman saunters through the shops
 With some one's sister Grace;
 And wonders if projecting planes
 Are made in such a place.
 "How *plane* it is," remarks the Soph,
 "My tools with ease to draw;
 But why straight lines resemble curves,
 I never clearly *saw*."
 From country, city, town, and vil(le),
 The jolly Junior springs!
 He forges iron, steel, and notes,
 And these same notes he sings.
 The Senior files away his thoughts
 With iron dust and waste;
 And wonders why his diamond point
 So often gets misplaced.
 They cut their fingers, knock out teeth,
 Lose coat, and vest, and hat;
 But brave mechanics they'll become,
 Regardless of all that.

E. S. M., '96.

A Modern Vulcan.

Amid the soot and smoke beside his forge,
 With anvil symphonies *fortissimo*,
 The Junior toiled until the night drew on;
 Gloom settled down,—his forge had ceased to glow.
 He brushed his hand across the dull, gray pile,—
 A veil the situation now requires;
 He realized how true the poet's words,
 "E'en in our ashes live their wonted fires."

J. H. G.



THE Lounger's fire burns briskly, and sends from the Christmas yule log many merry cracklings of pent-up enthusiasm. The red Indian clock ticks merrily on the mantle, the recent record of the Indoor Meet appropriately appears on the wall, the mandolin hums in harmony with the roaring chimney, books and papers are forgotten, and the lamp throws its cheerful light on the Lounger sitting so comfortable and happy in the old arm chair.

On a Christmas Eve who would not thus sit in the mellow light, free from dull care and study? Then it is that pleasant thoughts and memories come to us; and by the Lounger they are ever welcomed and enjoyed ere they float away again with the blue, curling smoke.

This evening he is reminded of the many merry Christmas Eves that have passed before this same blazing hearth, and of the changing conditions that have come between the yearly memories.

In the hazy past he sees himself a Freshman again. How cheerfully he welcomed that Christmas Eve, and how unconsolable was he when first he learned that the pleasures of the merry calendar days were not for him! How he envied the bouncing boys and buxom lasses as they merrily skated o'er the glassy ponds! How at last he hated the very name of Christmas. He remembers the mournful letter that went homeward. He recalls, too, the home remembrances brought by the tardy postmen. Then began the never-ending study for those dread "semies"! What a vile creation that word seemed to him. How could those awful questionings be so flippantly referred to!

The smoke floats upward now, and it is his Sophomore Christmas Eve. How differently did he welcome this occasion! How gleefully did he pile on the logs till the chimney re-echoed to the lusty roaring. He lightly puffed the smoke. What cared he for exams? Had he not twice stood the strain? Could such a hale and hearty fellow as he, and one so experienced

in the mysteries of Tech, fail? No; he need not burn the oil. Merry revels and midnight moons were his joys. Spritely passed those thoughtless days. Jocosely the smoke curled upward in widening rings,—alas, but to descend and throttle him!

Yet sweet are the uses of adversity. At last the Junior Christmas Eve was at hand. He was calmer, now, and wiser, too. Still he looked forward confidently,—and now, with calculation. Quiet joy and comfort were his. Serenely did the smoke ascend. In the blue cloudland he saw visions of Senior dignities. Pleasant was the memory that over half the college days were behind him. He counted over the friendships so happily formed. The room seemed never so bright and cozy. How dear to him it had grown! Every knicknack and trophy called up its varying scene of pleasure. Ah! a Junior's lot was surely a happy one.

Now the memories of the Senior Christmas Eve crowded in. The clouds hung heavily about him, nearly hiding the pleasant surroundings. That Thesis! which should he follow, his own desires or those of his professors? How much that paltry scroll meant to him! Yet, after all, would it bring pleasant thoughts? Where would another Christmas evening find him? Where would his friends be then, and where the pleasant associations? Thus the evening passed in uncertainty.

Now the clouds are gone, and the Lounger is the Lounger once again. Many years have passed since these musings were realities. Now his allegiance is ever given to the Institute, and he welcomes the Christmastides when the times of long ago return. The returning memories enable him to extend to Freshman, Sophomore, Junior, and Senior alike, his true sympathy and hearty good will. In these days the Lounger's fire is ever a bright and merry one, and especially on the Christmas Eves would he send its cheer to every Technology fireside.

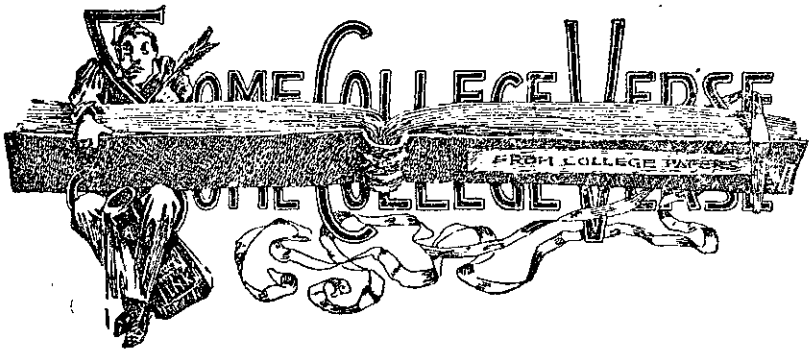
The Song of the Boston Lass.

Oh! the college lad is a jolly lad
Wherever he hap's to be;
He's always glad and never sad,
Oh! he's the one for me

But of all the crowd that raise the loud,
And holler and shout in glee,
I've always allowed we ought to be proud
Of the boys from M. I. T.

As they sing or dance, with adoring glance
For every girl they see,
They simply entrance at every glance,
Those boys of Technology.

J. L. M., '96.



A FACE.

Yes, Memory plays the trick
Of noting forms designing,
For long, long days we see one curve,
Or one sweet face's lining.

And then, 'tis all gone by,—
We think no more of meeting;
For time has placed its seal
With golden year-drops fleeting.

Yet somewhere in the life,
For nothing ever passes,
Still lingers face, and line, and curve,
And dim hair's golden masses.

And yet 'tis almost dead,
Our life's so black and dreary,
With not one ray, or form, or good
Of sunny hours cheery.

When over a finger's touch
There comes a thrill of longing,
That form, that face which we have met,
To that one curve belonging.

Yes, Memory plays the trick
Of noting forms designing,
For long, long days we see one curve
Of one sweet face's lining.

—Brunonian.

AMBITION.

If thou wouldst rise
To worldly honors and immortal name,
Lift up thine eyes;
Humility is not the road to fame.
If thou wouldst soar where eagles wing their flight,
Thine eyes must not be dazzled by the light
Of noon-day sun within the skies,
But bold and fearless face its fiercest beam;
And, as the moon that shines within the night,
The sun's reflected rays thine own will seem.

—Red and Blue.

Saucy lips and laughing eyes,—
If a *cousin*, where's the harm?
Under such a fair disguise—
Saucy lips and laughing eyes—
'Twould occasion no surprise
If they have a luring charm.
Saucy lips and laughing eyes!
If a *cousin*, where's the harm?

—Brunonian.

Her picture hangs before me,
A dainty maiden fair;
I mark the laughter in her eyes,
Her rippling, wavy hair.

And memories crowd around me
As she seems to whisper low
The words we told each other,
In the days of long ago.

Yes, true I stole the picture,
Impelled by Cupid's art,
But in return, alas! for me,
She stole and kept my heart.

—Williams Weekly.

A DILEMMA.

"Come in, Tommy; take a pipe;
There's my briar on the shelf.
Tobacco's in the yellow jar;
That's the one, now help yourself."

"Thank you, Jack, I guess I will.
Say, old man, I'm in a scrape
Went to call on Nell, last night;
Now I'm pinned, there's no escape.

"I've known Nell for quite a while,
Rather likes me, I like her.
Same old story, only friends;
Jove! I only wish we were.

"You know how it is, old boy;
We alone, no one around,
Jolly parlor, lamp turned low;
Couldn't help it, I'll be bound.

"Sort of fairy land, you see.—
Firelight dancing on the wall,
And I fairly lost my head;
Popped the question, that is all."

"Well, that's good, what did she do,
Laugh, or freeze you? I can't guess."

"No, Jack, worse than that, old man;
She looked up and answered 'Yes.'"

—Cornell Era.

A LOVE KNOT.

A lacing of a lady's shoe
Once loosed itself, as lacings doe,
And tyeing it, in galantrie,
A youthful lover bent his knee.
But soon once more it came untyed,
And then the layde showed with pryde
How she herself a knot could tye
Which would both tyme and chance defye.

Long years since then have passed away;
The hair of both has turned to gray;
A layde's shoe is loose again,
A man, now old, stoops down as then.
He tyes it as in days of yore
A ladye taught him, years before;
And looking in her eyes he sees
Sad tears for ancient memories.

—Yale Lit.



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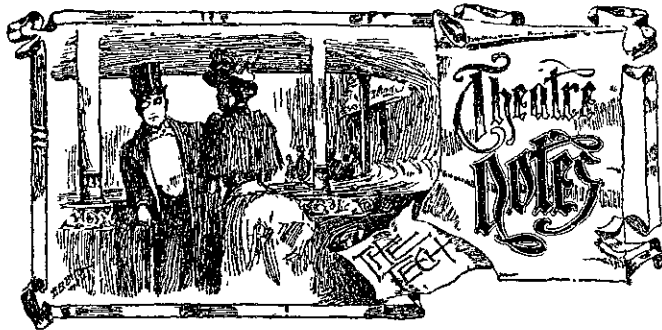
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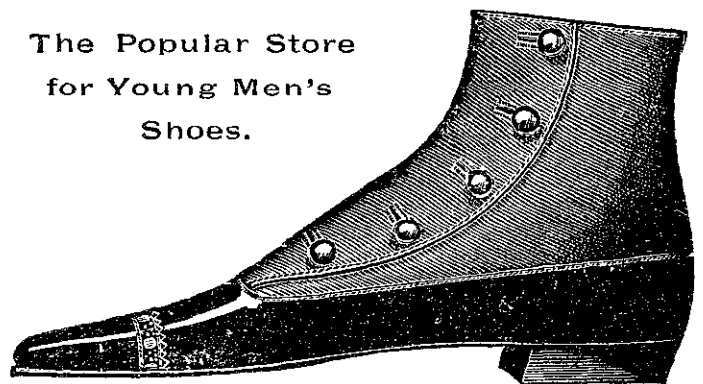
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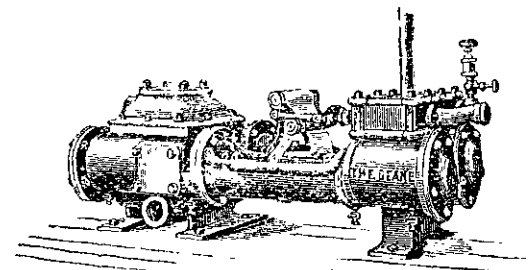
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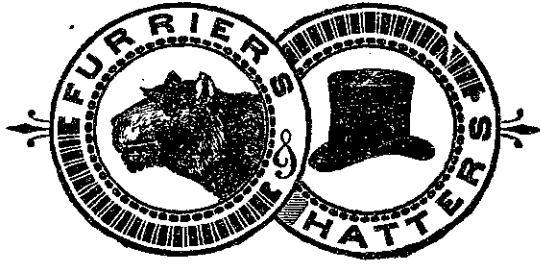
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