



THE TEECH

Volume XVIII.

Number 1.

November 6, 1898.



THE BEGINNING OF IT.

HE: "You look good enough to eat, this morning, Ethel."

SHE: "Indeed! Why don't you eat me?"

HE: "My doctor told me to avoid sweets."

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THE TECH

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THE TECH

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

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STANLEY G. H. FITCH, 1900, *Assistant Editor in Chief.*
PAUL RAYMOND BROOKS, 1900, *Secretary.*
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Editor in Chief, Saturday, 12-1 P.M.
Business Manager, Monday, 9-10 A.M.

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.

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ON commencing Volume XVIII. THE TECH wishes to outline the principal features of the weekly for the coming year. The paper will contain articles of interest to all Technology men. An effort will be made to secure short stories by undergraduates and, so far as THE TECH is successful in this, each issue will contain a story. With the co-operation of the Alumni the Alumni column will be strengthened. Special attention will be given the department of Athletics, and announcements and calls to the candidates of the various teams will be made in its columns. The Calendar will be continued. The regular issue will contain eight pages of reading matter, besides the illustrated cover, theatre

notes, and advertisements. However, at least four special numbers with colored cover and from ten to twelve pages will be issued, and as many more as the support from the Alumni and students makes possible. Attention is also called to the special notice to our readers printed in another column.



NCE again the first rush and hurry and confusion attendant upon the opening of the new year has begun to subside, and we are taking up once more the various threads of our social life, temporarily broken by the long vacation. To the Freshman everything is new and a little strange; he has not quite fitted into our Institute life. Probably he has not yet decided what is his rôle in the cast of undergraduate parts. Whom shall he follow? Shall he take some heed of his classmates and cheerfully strive to contribute his share to the general enjoyment that there is to be found in college life? Or shall he do as many before him have done, and devote his whole thought and time to his work; selfishly shut himself off from his fellows, and, at the end of four years, graduate with hardly an acquaintance outside the group of "prep." school men with whom he entered the Institute?

"But how can I 'make' this club or that society without some friend to help me?" Let a man patiently work for what he wants and he will soon find his question being answered. There is always a place for one more in the little groups discussing athletics, or football, or class affairs on the steps or in

the hall of Rogers. There are no inaccessible cliques,—Technology is above all things essentially Democratic; there is no position in her undergraduate society to which a man may not aspire. It is the man who shares in the interests of his college that is ever welcomed by his fellows. And he it is who looks backward with the most profit and the most pleasure when his college days are over.

James Mason Crafts, LL D.

It is with pleasure we record the honor conferred on our President by Harvard University on June 29, 1898. The terms under which the degree of Doctor of Laws was given form a graceful and significant recognition on the part of Harvard of the place held by the Institute of Technology among scientific schools. "James Mason Crafts.—Forty years ago a graduate of the Lawrence Scientific School, a lifelong student of Chemistry, the President of the most successful school of applied science in the United States, the Massachusetts Institute of Technology."

Degrees were also conferred on Thomas Wentworth Higginson and John Campbell Hamilton-Gordon, 7th Earl of Aberdeen.

Course XIII.

DURING the past month it has been rumored that the students now studying Naval Construction at Annapolis would be sent to Technology, and the course at the former place discontinued. The course in Naval Architecture here has recently been inspected by the Government, but the report was unfavorable, and the men from the Naval Academy will not be sent here. It is understood that this decision on the part of the Navy Department is not based on the relative merits of the two courses, but rather upon the prejudice and conservatism of certain officers of the line, who maintain that the Government should educate its own naval constructors and support the course at Annapolis, regardless of its efficiency, at any cost.

Address to the Freshmen.

ON Wednesday, the 28th, the entering class was addressed by the President in Huntington Hall. President Crafts spoke of the superiority of the educated man over the uneducated, and especially of the advantages, as shown by the Spanish-American War, possessed by Americans by reason of their training in mechanics over a nation that lacked the knowledge how to obtain the highest efficiency from the complex mechanisms of modern warfare at its disposal. He also said that honesty and sincerity was behind all scientific work of lasting value. Without these qualities, failure and disaster were the inevitable result.

The President, in conclusion, regretted that he could not know the class individually, but said that his office was open to those who wished to consult him on any matter, and that they would always be welcome there.

Gifts to the Institute.

MR. GEORGE A. GARDNER, of the Corporation, has made a gift of \$20,000 to the Institute, the income of which is for salaries for instructors. Besides this amount, there comes to the Institute a legacy of \$40,000 from the estate of Mrs. Ann White Dickinson for scholarships.

Y. M. C. A. Reception.

ON Saturday, the 15th, the M. I. T. Y. M. C. A. will give its annual reception to new students in Rogers Corridor. During the evening the new General Library will be formally opened. The occasion promises to be especially important, as President Crafts is to give the address of welcome to the first class to enter the Institute under his administration. Harry L. Morse, '99, President of the Athletic Association, will speak on "Physical Training and Athletics at Technology." Addresses will be made by F. M. Gilbert and other well known Y. M. C. A. and Tech. men. Invitations will be out soon.

Harrington's Spectacles.

PART I.



CHARMING village is Nestledown, with its wide-halled, green-shuttered white houses; its broad road-ways shaded by stately elms, in whose branches the orioles had their summer homes; its old-fashioned gardens, with their prim box borders, divided by long white fences; its square, white meeting houses, with their slender belfries, around which the swallows curved and darted; its narrow, crooked streets down by the water's edge, smelling of mackerel and fresh-baked buns.

On one of the most quiet streets was a shadowy old place, all gable roofs, stately elms, and fine orchards; here the swallows build under the eaves of the great red barn, and the red-winged blackbirds played hide-and-seek in the meadows. Back of the house, between the garden and the meadow, ran a little babbling brook; across this was stretched a quaint, wooden bridge, over the rail of which one loved to lean, and gaze down into the brown depths where the trout skimmed.

One fine afternoon, about thirty-five years ago, the old place wore the unusual air of festivity. All the windows were open; the ancient, threadbare lace curtains waved softly out against the rose vines, as if to tell that something exciting was going on within. The great brass knocker on the front door kept up a steady tattoo; now and then a heavy, big-wheeled carriage would rumble up to the wide porch, and girls in sprigged muslin and Gainsborough hats, young men in fluffy stocks and long-tailed dress coats, would alight. Then the great oaken door would open, and the guests disappear in the cool shade of the big hall. What was all the

excitement about? Had you asked Sambo, the grinning colored "gentleman" who opened the door, he would have said, no doubt, "Law me! ain't you hard yit? Why, Miss Priscilla's gwine ter marry de smartest man in de kentery, Massa Jack Harrington. He's done tuck all de medal deys got at de institoot."

In the parlor a merry company is assembled gayly jesting among themselves. However, they seem to be expecting someone, for, occasionally, one of the party draws aside the curtains and looks long and earnestly down the road. The search seems fruitless, though, for the curtain is impatiently dropped, and a maiden, whose brown locks are caught up by a massive old shell comb, turns to her companion, saying pettishly: "Now isn't this just like Jack Harrington to be late to his own wedding? Why, think of the ridiculousness of it!"

"How could you expect anything different from a graduate of Technology who wears gold-rimmed spectacles." This from Persis Percival, with the snapping black eyes, whose father's rich merchant ships have brought her sky blue, Canton crepe gown from far-away China. Perhaps she had once cherished hopes that she might gain the admiration of this same young bachelor of science with the gold-bowed glasses.

"I know he has forgotten that this is his wedding-day, and is sitting up in that dreary den of his dreaming of his old engines. Why, I am surprised he loves anybody, even dear old Priscilla," said Mary Edgeton, rearranging her swiss fichu before the long pier glass.

"I am sure they are a well-matched couple—Jack and Priscilla. You couldn't find two more such perfect lovers, and, in my mind, to-day will see one of the happiest unions on record. I wish I were as fortunate; I would even be willing to wear gold-bowed spectacles if there were any such advantage gained from it!" exclaimed Dick Rogers, gazing impatiently down the road.

"If any man deserves a happy home, I think Jack does," said Elizabeth Deering. She was standing at the door, looking nervously into the hall and up the wide stairway. "But, O dear, I wish he would come! It's dreadful to be a bridesmaid and have the groom late." Her soft, gray eyes were almost tearful, and she often brushed her cheek with the bunch of blush roses that she held in her hand.

"He has certainly worked hard enough over those books of his, and surely he carried off the honors with more grace than any fellow yet," said Persis Percival behind her fan. "And in return for all this," she continued, "they say his uncle only waits to bestow upon him his old home and two hundred thousand besides. Think of the prospect! I wonder if Priscilla will make him happy; they don't seem one bit suited."

"May they be as happy as we all hope," added Dick Rogers; "but, then, you cannot tell about these marriages; they are awful uncertain things."

"He's not to be seen yet," interrupted Elizabeth, the bridesmaid, "and here it's almost an hour after time. What can be keeping him? Oh, don't you think, Dick, you better go after him; perhaps he is detained, and you might be of some assistance?"

"No, Elizabeth, not yet; I will wait a little while and see if he doesn't come; you know I do not know where to find him."

This was the scene downstairs. Upstairs, in the front bedroom, on a very much crumpled bed, sat a forlorn, dejected little figure. A very sad, though wonderfully beautiful, pair of large blue eyes wandered restlessly from the road to the clock; a pair of soft, white hands pulled the orange blossoms that she held in her lap to pieces, while the childish mouth drooped sadly at the corners; her soft, white muslin lay in gentle folds around her, while the long mull veil was thrown back from off the half-impatient face.

At the foot of the bed stood a slim, sallow-looking woman, dressed in black alpaca, with a white handkerchief neatly pinned around her neck in the modest Puritan style. Her eyes, like those of her niece, were frequently turned to the clock.

"Just like a man," the spinster was saying as she pulled on her black mits; "I thought all the time he would treat you this way. Priscilla, you can't trust them; they are unreasonable beings, every one of them; the idea of John Harrington being late for his own wedding!" with an impatient gesture of her long, slim, bony hand.

"Please don't speak of Jack in that way, Aunt Jane; you shan't slander him, even if he is a man and late for his own wedding. You can rest assured it's through some reason he can't help, and he will come!" said the bride with a desperate look down the road.

"Very well, you may think what you please, Priscilla; however, my opinion is not ——"

Her sentence was abruptly interrupted by her angry little niece, who now, fully aroused by this assault against her absent lover, arose majestically facing her aunt, who began to shiver beneath the fire of the angry blue eyes.

"Enough; please keep your opinion to yourself, Aunt Jane; I am not the person you should tell it to, and this is not the time to criticize Jack; I am not going to listen to you any longer." With a toss of her head and her large eyes filling with angry tears, she rushed out of the room like an offended peacock, while her soft white muslin floated gracefully around her pretty girlish form.

"Poor child," thought Aunt Jane, "she does not know the ways of the world as I do, or else she would not put such implicit faith in 'these men.' I never have thought this wedding would go through smoothly; here we are, all sitting waiting for the bridegroom. Why, it's a serious thing, a thing I can't understand," she thought, giving the curtain a tremendous pull in order to get a clear view of the road,

“and he isn't coming yet, wretched man!” with a dark frown. “Just like them!”

So the hours dragged on, and he came not. To Priscilla, sitting with her friends in the half-fading twilight, it seemed as though her last hopes were gone, but still she could not give them up; at every sound she started, seized by a ray of hope that it might be he. On dragged the hours, until at last the clock struck eight, and still he came not. Gradually each guest took his leave of the sad home, and walked silently down the road where the groom had been so earnestly watched for. One by one the bright stars came out in the blue heavens; the great solemn moon rose in the east, and looked in at the windows of the sad, silent house, where was to be seen a lonely white figure crying bitterly. It was Priscilla, the sunny, hopeful girl of the morning, now thrown desperately on the large window seat, her pale face covered by two white hands; her form was shaking with passionate sobs, while the poor heart within was nigh breaking.

When the great clock struck ten the door was opened, giving entrance to Aunt Jane, who stood for a moment with a candle in her hand. The figure in the window remained motionless, not seeming to see or hear the intruder.

“I have brought your candle, Priscilla; it's bedtime. Come upstairs; Sambo is waiting to shut up the house!”

The pale bride arose, and taking her candle, silently left the room. Step by step she mounted the broad stairway, the light she held in her hand throwing a soft glow on her tear-drenched face. Up she went into the dark hallway, leaving youth and hope with the fast-fading wedding flowers below.

To be continued.

From a Freshman.

We came to M. I. T. prepared
To do what others do.
The other classes are so bad,
That we'll be Naughty-two.

—F. H. H., '02.

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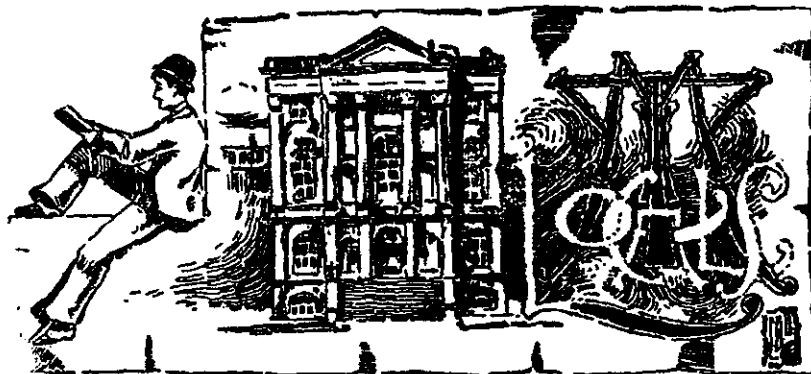
WITH the opening of the college year, the Editors of THE TECH wish to place the paper more prominently before the Institute than has been the case in past years. The paper is published each Thursday during the college year,—thirty numbers in all,—the price of which is \$2.50, payable on or before November 1st. A subscription blank will be found printed on page viii (see advertisements) of this paper, and it is hoped that every student who has not already done so will fill out one of these, and either return it by mail, or drop it into THE TECH box in Rogers corridor. Unless otherwise ordered, the paper will be mailed each week to the address given; but, if the subscriber so desires, it can be left for him at the Institute post office, or he may obtain from any member of the Board a ticket by which he can secure his copy each week at Mac-lachlan's, or in any of the Institute buildings, where the papers will be on sale, and single copies may also be bought.

In order to obtain the second number without delay, blanks must be returned by Monday, October 10th. Payment for subscriptions may be made through the mail, or in Room 30, Rogers, from 9 to 10 A. M., Mondays, or Saturdays from 12 to 1 P. M.

Y. M. C. A. Mass Meeting.

THE opening meeting of the M. I. T. Y. M. C. A. was held in Room 11, Rogers, on Friday, September 30th. The meeting opened with singing of hymns, followed by introductory remarks by C. M. Lewis, '99.

Mr. Lewis introduced the speaker for the afternoon, Mr. S. M. Sayford, well known as a leader in student work throughout the country. Mr. Sayford's remarks were interesting and timely, and, judging by his words, the Y. M. C. A. at Tech. should prove to be a great power for good.



Lewis Emery, '99, gone to Leland Stanford University.

H. K. Babcock, '99, gone to Sheffield Scientific School.

F. W. Snow, VII., and F. L. Richardson, both '98 specials, have entered Harvard Medical School this fall.

The Freshman Class is about the usual size this year, numbering between two hundred and eighty-five and three hundred.

An association of the graduates of Chauncy Hall, now in Tech., will probably be formed. Those interested will please address Box 36, "Cage."

S. B. Miller, '00, and R. D. Borden, '00, who served as quartermasters on U. S. S. Prairie in the war with Spain, are both back at the Institute.

The Mechanical Engineering Department will not occupy the new building until the second term, when all the exercises of the course will be held there.

A pamphlet on the course in Electrical Engineering and Physics has lately been issued. It gives a complete and thorough description of the characteristics and equipments in each course, and should be thoroughly considered by all intending to take up work in either of these departments.

Mr. Hiram S. Maxim gave a Talk at the Technology Club, Monday the 26th, on inventions in connection with firearms. The development of the famous Maxim gun was most interestingly presented and illustrated

by many diagrams and photographs. The Talk was supplemented by a short sketch of the "flying machine," which Mr. Maxim has nearly perfected. A collation closed a most pleasant evening.

THE TECH appears this year in a new cover designed by P. Y. Dunwoody, '01.

At a meeting of the old members of the Glee, Mandolin, and Banjo Clubs last Tuesday, P. R. Brooks, '00, was elected president of the association, succeeding W. O. Adams, '99, who resigned. The constitution was amended by providing for a fine for unexcused absence from concerts.

Professor Barton will conduct a trip planned for the Teachers' School of Science, the party leaving Boston on Saturday. The Hoosac Tunnel and the Twin Cascades will be visited. Sunday will be spent on Mount Greylock, the party returning to Boston in the evening. Technology men are invited. The cost will be \$8.00; for those returning Saturday night, \$3.50.

The Mandolin Club promises to maintain its popularity as one of the musical clubs. The loss of Mr. Hall's experience as leader will be keenly felt, yet a good number of the old men will return to support Mr. Hussey as leader. Of the old members, Case, '99, Brooks, '00, Bronson, '01, and Ritchie, '01, have already returned to the Club. The applications for trial promise good material for a winning club.

Technology Calendar.

October 7.—Y. M. C. A. meeting, 26 Rogers, 4.10 P. M. Trial of candidates for the Mandolin Club, 31 Rogers, 4.10 P. M. Trial of candidates for the Banjo Club, 33 Rogers, 4.15 P. M.

October 8.—Football: Technology vs. Trinity, at Hartford. Nominations for '99 Class officers, due at 1 P. M. Hare and Hound Club meet at "Gym." 2.10 P. M., for the run from Arlington Heights.

October 11.—Football: 1901 vs. Cambridge High and Latin Schools, at Cambridge. Second trial of candidates for the Glee Club, 33 Rogers, 4 P. M. Institute Committee, Tech. office, 4 P. M.

October 12.—Meeting L'Avenir, 26 Walker, 4.15 P. M.

Recent Improvements.

OWING to unforeseen delays in construction, the new building, which was to have been completed by August 20th, was not ready for occupancy at the beginning of the term. A detailed description of the building was given in Number 17, Volume XVII. of THE TECH, so that it is unnecessary to repeat it here.

The Department of Mechanical Engineering has been greatly improved and enlarged, the main addition being a tandem compound McIntosh & Seymour high-speed engine, with cylinders 11" and 19" by 15", making 245 revolutions per minute. The engine is rated with one third cut-off, and 150 pounds steam pressure, giving 180-horse power. With the vacuum which will be maintained, and the latest cut-off, there is no doubt that the engine will develop 220-horse power. The makers have provided a special device for operating the low-pressure valve by hand, thus making it possible to vary the cut-off. The engine has two drivers, and the connection with the main shaft will be through two rope drives known as the Dodge system.

In connection with this work a special Wainwright condenser has been set up, and a Deane air pump, size 6" x 10" by 12", will be used to maintain the vacuum.

The gas engine has been removed from the Engineering Laboratory, and set up on very heavy foundations, so in future it will be possible to run the engine under heavy loads, which was impossible in the previous location.

The rotary pump, with a capacity of 1,000 gallons per minute, has also been moved from the old laboratory, and will be set up on special foundations, and it is hoped that this will do away with the jarring of the building experienced last year when the pump was used.

The laboratory has been equipped with lines of heavy shafting and the heaviest head shaft hangers, purchased from Jones & Laughins, of Pittsburgh.

The Applied Mechanics Department has been extended to the basement of the Architectural Building, and during the summer a number of testing machines have been moved in there. A line of heavy shafting has also been put up, the line being driven by a quarter-turn rope drive presented by the Dodge Manufacturing Company. This rope drive, consisting of one continuous rope six hundred feet long, is a very valuable addition to this department, and students are fortunate in being able to avail themselves of it.

Two new boilers have been added to the boiler room; the steam being brought from there in pipes supported on girders run between the two buildings. It is intended to carry one hundred and fifty pounds at all times, the piping being so arranged that two boilers can be shut off and utilized for various purposes in the old Engineering Laboratory, and the two new boilers run at a steady pressure.

All the buildings have received a thorough freshening up, and Rogers and Walker have received extensive alterations. The Secretary's office has been greatly improved and enlarged, and the General Library will soon be established in roomy quarters in the room formerly occupied by the Biological Laboratory.

In Walker Building additional facilities have been secured for the Chemical and Physical Departments. The old textile coloring and sugar analysis laboratory is now the analytical laboratory for fourth-year students. Room 33, formerly President Craft's private laboratory, is now divided into a weighing room and a private laboratory for Dr. Fay. Room 30 has been fitted up as office and private laboratory for Dr. Talbot. Room 34, the old Supply Room, is now a laboratory for research work, the Margaret Cheney Room being used as the Supply Room. Room 39 A, used for weight determinations, is now used for sugar analysis. A portion of the analytical laboratory has

been converted into a small laboratory for weight determinations and proximate analysis. The former weighing room has been partly changed into the organic laboratory and partly into a private laboratory for Dr. Norris.

The organic laboratory has been enlarged to accommodate about forty students, with a private office for Dr. Noyes leading from it. The old volumetric room is now the weighing room, and the volumetric work has been transferred to the analytical laboratory.

Claims Awarded.

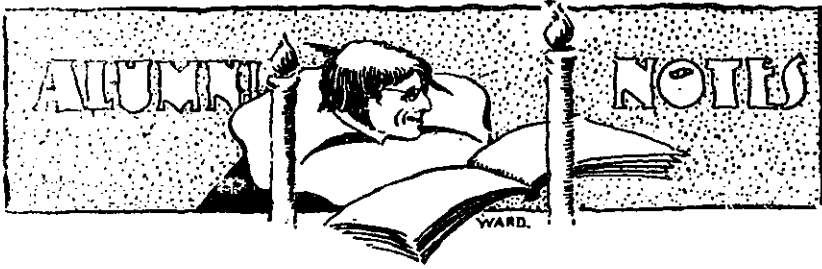
IN the fire that destroyed the upper floor of the Architectural and Engineering Buildings last April, the loss to the students and instructors was not covered by the insurance on the building. Those who lost drawing instruments, models, or other personal property, reported in detail, as requested at the time, to the Institute, and by vote of the corporation, orders on Maclachlan have now been given out making good the various claims in full.

This action on the part of the corporation deserves special note. While in no way responsible for property left by students in desks or lockers, the Institute has voluntarily assumed the responsibility of an insurance against loss to its students from causes which may be regarded as unforeseen and exceptional, and in so doing it has made good a loss which many of the men could ill afford to bear. It is gratifying to note, too, that all claims were settled in full,—a recognition of that spirit of honor, upon the possession of which the Tech. man so prides himself.

A CASE OF TWO IN ONE.

To ride a bicycle built for two,
Perhaps is lots of fun;
But many a pair
Have found pleasure
In a rocking chair
Built for one.

—EX.



'92. Mr. Jesse F. Johnson, Course X., is the testing engineer of the Hamilton Powder Co., of Montreal.

'95. The engagement is announced of Mr. Andrew D. Fuller to Miss Karry W. Clapp of Wakefield.

'95. C. F. Tillinghast has been appointed a captain of the Rhode Island Volunteers stationed at Camp Meade.

'95. Azel Ames, Captain of the United States Volunteer Engineer Corps, is now with General Brook's army in Porto Rico.

'96. Lieutenant Colonel Butler Ames is now in Porto Rico with the 6th Massachusetts Volunteers.

'97. H. W. Marshall, VII., last year an assistant in Biology, has accepted a position on the Board of Health at Montclair, N. J.

'97. Mr. J. R. Daniell, Course XIII., is with the Newport News Dry Dock and Ship Building Co., in the position of assistant draughtsman.

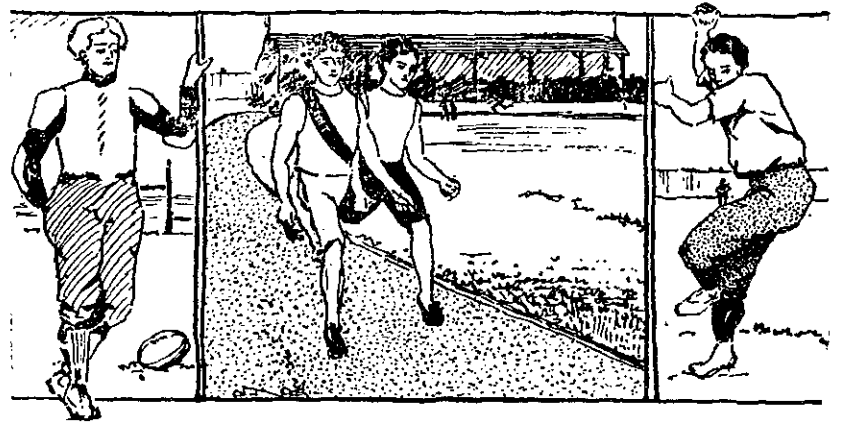
'97. Mr. John W. Fitzgerald, S.B., Course VI., has entered the service of the local Street Railway Co. of Grand Rapids, Mich., as assistant construction engineer.

'97. W. R. Strickland, assistant engineer U. S. N., has been stationed at the Mare Island Navy Yard this summer.

'98. F. M. Kellogg, VI., is with the General Electrical Co., Lynn, Mass.

'98. E. M. Taylor is now 2d Lieutenant of the United States Volunteer Engineer Corps.

'98. Mr. George F. Ulmer, V., has a fine situation as chemist in the employ of the Arbuckle Sugar Refining Co., New York.



Kenneth M. Blake, '99, will try for the 'varsity this fall.

Nineteen hundred and two offers Field as a candidate for the mile.

Grosvenor is back this year, and is coming out for the broad jump.

An open tournament in singles and doubles is to be held as soon as the courts are ready.

Garrett, '01, has commenced running on the Irvington Street oval. He will train for the quarter and half mile.

The fall handicap games will be held the latter part of October. Medals are given to the first and second place winners.

F. H. Lathrop, who has done good work in relay races for the M. I. T., returns to the Institute after a year's absence.

G. B. Street, '99, surprised the tennis experts in the Western championship tournament by his excellent playing. He lost his final match only because of his poor physical condition.

A minstrel show is to be held this term for the benefit of the Athletic Association. Every one who has any talent in that direction should not conceal it. W. O. Adams, '99, is the manager.

We hope that every man who has done any track athletic work, or who feels inclined that way, will come out immediately for fall practice. This work is really preparatory for the spring training and is very important. A letter has been sent to every member of the Freshman Class showing the necessity for

some athletic work in such an institution as ours. The letter calls particular attention to gymnastic and track work. A winning track team depends a great deal upon the entering class. With nearly all of last year's team back, we have a strong nucleus. But no matter how good the material is with which to start, it cannot win without assiduous training. It is impossible for a man to train for a few days before the games and do as well as those who have been working steadily for several weeks. And if every one does his duty, working a little each day, the championship flag of the New England Intercollegiate Meet for 1899 will float beside that won by Technology in '94.

Football Notes.

THE renewed life and interest in football, evident in the work of last year's team, shows itself still further increased in the team of this year. Although all the men are not yet returned to work, the sixteen or so men out are making a good showing, and many sure men are already evident. The great need at present is for heavier material for line positions, most of the present candidates being conspicuous for snappy, spirited play rather than weight.

The first game of the season is to be played this week Saturday, with Trinity at Hartford, and those intending to try for the team should be out at once, so that they may have a chance to show their abilities in real play.

Coach Locke is with us again this year, and is fast rubbing the men into shape in his usual effective manner. Candidates will find him a most satisfactory man to work under.

Candidates for the Sophomore Football Team were out for practice the first time on Monday. This is very encouraging, considering the delinquency in former years, and shows the determination of 1901 to have a winning team. The prospects are also good, as Captain Danforth, Cowing, Cross, Derby,

Dorsey, Haley, Jeffords, Laws, Kennard, and Maxon of last year's team are out, besides Dearden, Florsheim, Lunan, Philbrick, and several others.

'Varsity Football Schedule.

THE schedule arranged for the year is as follows:—

- October 8. Trinity at Hartford.
- " 12. Exeter at Exeter.
- " 15. Andover at Andover.
- " 22. Worcester Tech. at Boston.
- " 29. Amherst at Amherst.
- November 2. Boston University at Boston.
- " 5. Y. M. C. A. at Boston.
- " 12. Tufts at College Hill.
- " 19. Worcester Tech. at Worcester.

1901 Schedule.

Captain Danforth and Manager Haley have arranged the following schedule of games:—

- October 11. Cambridge High and Latin at Cambridge.
- " 15. Glen Moores at Lowell.
- " 19. Cambridge Manual Training School at Cambridge.
- " 22. New Hampshire State College at Durham, N. H.

Games will also be arranged with the Boston Latin School, Tufts Second, Tufts Freshman, and Burdett College.

"THE GIRLS ARE FOND OF THESE."

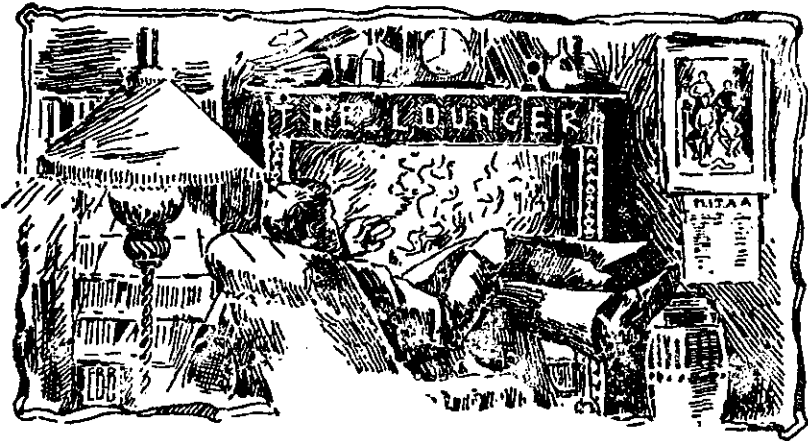


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AFTER many moons of absence, the Lounger once more cheerfully returns to the task of administering his weekly word counsel,—counsel which, it appears, from the inability of the musty parchment yet to perch upon his shoulders, has been again too lightly regarded in certain quarters. Once again he calls persuasively to the timid flock of Freshmen, deep buried in the mysteries of the too familiar schedule, to lend an ear to the words of wisdom issuing from the mouth of experience. Only thus can the tender creature hope to escape from the perils of the crafty Soph., the deadly lunch room, and the wily bursar. And, truly, as many are the snares that lie in the path of the newly arrived, as those that beset the sporty Soph. in sunning a new trouser on the steps of Rogers. No, praise be to Allah! there is but one God, and he is the Lounger. Subscribe to the Tech., gentlemen, and walk in the way of the countless legions that have gone before.

On returning to the Institute, it is refreshing to observe the progress that has evidently been made during the vacation. Have we not a new reading room, all very commodious and palatial, where the innocent Freshman, as of yore, may partake of his bread and milk quite sociably, while humming a soothing lullaby? Yet to the old inhabitant there will sometimes inevitably arise that peculiarly oppressive odor upon which the biologs, former denizens of the place, were popularly supposed to feed; and the quiet will occasionally be broken by the piercing shriek of some harmless beast, tortured miserably in the interest of science and the commissary of our domestic café. Has not the mining department run amuck in the remains of this same dispenser of buns and such like provender, and to our knowledge immediately set up apparatus on the spot for the successful production of lead,—in the dry way? What does it mean? Are we not, too, all of us mentally satisfied in seeing a

new structure numbered among Technology's possessions, and are not some of us who have the good fortune to be in Course IV. luxuriously provided with some few of the comforts of life within the as yet unexplored halls of this edifice? The Lounger is given to understand that a member of Course IV. secured the contract for the same, and therefore the present distribution of the spoils. Have we not many new glass houses artistically disposed in the apartments of Engineering for the proper display of many fine intellects of the instructing staff? and, finally, have we not a new "cage," but where—and this is the saddest of all—where is the dove, the vulture, the cormorant,—the Bird? Nothing will console the many, who believed this was a fixture, like Getty's jokes, for this most irretrievable loss.

However delightful the prospect of our new lunch room is to the eye, the Lounger cannot say that, in its present condition, it is an unqualified success in appeasing a very natural appetite. To one who, like himself, is accustomed to being served with some pretense, he cannot but deplore the present omission of some place of business where he may test the capabilities of his particular Hebe in respect to a well-regulated repast. As it stands, the bodily needs would appear to be somewhat neglected, in favor of those of a more intellectual order.

No one but members of the three upper classes can adequately realize the value of the services of those members of the Y. M. C. A. who considerately spend their time at the opening of the term in the answering of the innumerable questions of Freshmen and others. These gentlemen do ordinarily present a most cheerful aspect, and must of themselves be reassuring to a new arrival in our halls. Yet was there something slightly out of the prevailing complaisance observable one morning when a member of the Class of 1900, unacquainted to the Y. M. C. A. member, quite civilly inquired the price of a chapel seat. When after due explanations had been given the gentleman introduced himself; it is said the Y. M. C. A. member indulged in varied exemplary phrases, heard usually only in fairest examples of speech among the elect of Course IV.

"Evolution," quoth the monkey,
 "Makes all mankind our kin;
 There's no chance at all about it,
 Tails we lose, and heads they win."

—Ev.

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Tremont Theatre.—An old favorite will return to this theatre for two weeks. Mr. Frank Daniels will be seen for the first week in the last season's comic opera success, "The Idol's Eye."

Castle Square Theatre.—A pleasing comedy by Martha Morton, entitled "Brother John," will have its first performance at this theatre.

Boston Theatre.—The New York and London success, the "White Heather," will have its first performance in Boston. It is a spectacular melodrama by the authors of "The Sporting Duchess." Miss Rose Coghlan, Amelia Bingham, John T. Sullivan, and Wallace Campbell are in the cast.

Park Theatre.—"A French Maid," a comic opera new to Boston, will introduce the famous Parisienne, Miss Annie Held, in her first English-speaking part. She will present a brilliant specialty in a \$30,000 gown.

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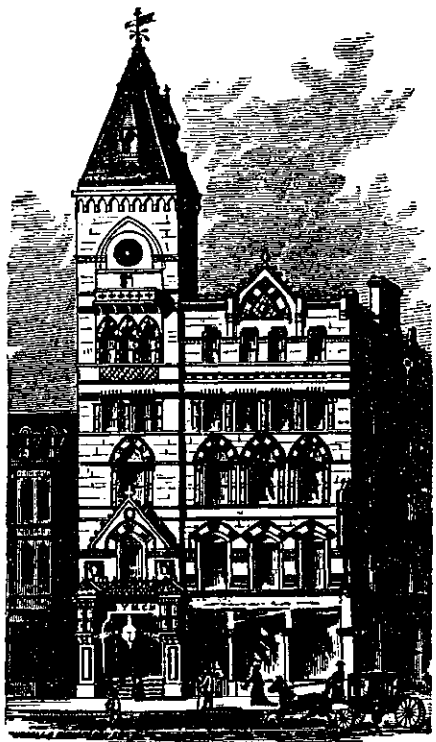
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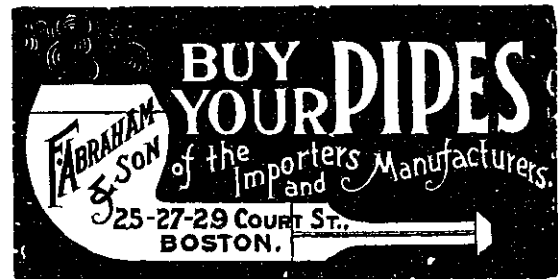
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