

The Tech.

VOL. X.

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NO. 10.

THE TECH.

Published on alternate Thursdays, during the college year, by the students of the Massachusetts Institute of Technology.

BOARD OF EDITORS.

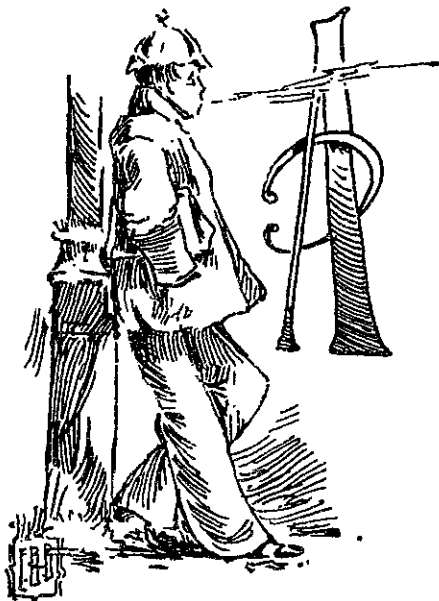
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CAREFUL observer watching the men here during the first few days after vacation, would have carried away one definite impression,—that Tech. men have an abnormal amount of inquisitiveness.

On all sides, forming part of every greeting, was heard a repeated endeavor by each man to ascertain what records his classmates had made in each study of the preceding term.

Exhibited in one form or another, each fellow showed a most positive interest in the standing of the other men in his class.

And yet, despite these facts and appearances, such an observer would have been wrong. It was not mere inquisitiveness that led each man to pry into other men's records. They were simply trying to find out what their own might mean. Furnished by the secretary

with a report weighed by some unknown and varying standard, they were endeavoring to obtain definite values for their individual records by comparison with the only available standard, the average work of the class to which each belonged.

In certain sections of the Senior Class it was found advantageous to actually obtain an arithmetical mean of the marks given in each subject, in order that each man might know what he personally had done.

That such a state of affairs is not only inconvenient and unsatisfactory, but capable of real injustice, is well realized by the men, few of whom feel that the marks given represent the work accomplished. The mere fact that records are given out shows that they are intended for the information of persons outside the government of the Institute, primarily for the student and his parents. To serve the purpose for which they are issued, they must be intelligible; that is, they must be capable of ready reference to some clearly understood standard. And what is that standard at the Institute? Nowhere in the catalogue, in the President's report, on any of the numerous bulletin boards, or in any report issued individually to the men, is to be found any statement as to whether we are ranked on the amount we know of a subject as taught at the Institute, or as known to mankind; whether a credit in a difficult engineering subject and one in an easier English course is given for the same absolute amount of application, or for the same proportionate knowledge of each subject; and yet, by each of these different standards, marks were given on the work of last term.

If "passed" and "failed" were the only ranks given, there would be no ground for confusion; but as long as a graded system of mark-

ing is used, simple justice to the men and to the Institute would require that these marks be given a definite meaning by a statement of the standard by which they are made, and which would not only be stated but used by the instructors in making up the records.

In the broad curriculum of the Institute, where the subjects studied vary through such a wide range in difficulty, in the time and application necessary with each, the only equitable ranking system will be the one in which a man's proportionate knowledge of the subject as taught at the Institute forms the standard of his mark. This is supposed to be the basis of the present marking system. A slight investigation will show that the actual marks diverge widely from this ideal basis.

NINETY-THREE has elected its "Technique" Board in good season, and it is to be hoped that the Editors will begin work without delay.

Eighty-seven, in issuing the first "Technique," gave us a model that, in some respects, has not been equaled since.

Referring to the last "Technique," in the editorials and reading matter, as distinguished from simple statistics, Ninety-two failed to approach Eighty-seven's standard, and, in this line, there is ample room for improvement for Ninety-three.

To be truly interesting, "Technique" should abound, not only in statistics, but in bright bits of poetry and spicy articles, reflecting all the incidents of Institute life, so that each student who reads it may find somewhere an echo to his own feelings and impressions.

This life of ours is full of experiences that would amuse and interest all if placed before us in a pleasant and agreeable form, and heretofore there has been too little effort to analyze and record them.

The class histories might be made five times as witty and original, and verses and

"squibs" with some *point* to them scattered through the book would increase its attractiveness tenfold. Interview the Co-eds; their ideas on various matters would be exceedingly interesting. In short, let our "Technique" reflect everything that is connected with our college life, and let it be a product of the best talent that the Institute contains. If that idea is followed out, our "Annual" may be made to rank with the best productions of our colleges.

Encourage the other classes to assist you, in order that you may have as much as possible from which to choose, and be assured of THE TECH's best wishes for a grand success, these suggestions being offered in all good will.

The Senior Dinner Committee, wishing to ascertain the number of men who intend to be present at the dinner, have provided themselves with subscription blanks. A canvass of the students is to be made, the subscribers to pay one dollar at the time of subscription, and the remaining two at any time before the dinner. Let us hope the scheme will induce all to decide to attend the dinner.

PRIVATE THEATRICALS.

You were a haughty beauty, Polly
(That was in the play);
I was the lover melancholy
(That was in the play);
And when your fan and you receded,
And all my passion lay unheeded,
If still with tender words I pleaded,
That was in the play!

I met my rival at the gateway
(That was in the play);
And so we fought a duel straightway
(That was in the play);
But when Jack hurt my arm unduly,
And you rushed over, softened newly,
And kissed me, Polly! truly, truly,
Was that in the play?

—Louise Imogen Guiney.

Deceived.

THAT hapless silence which invariably falls upon two persons, one of whom has offered to the other a heart and hand which have been immediately refused, had existed for some painful minutes, when Miss Elbridge said, with more vehemence than courtesy, "Well, why don't you go?"

"Go?" repeated Mr. Winsted, vacantly.

"Yes, go," went on Miss Elbridge; "you irritate me excessively." But, observing the young man's pain, which even the habitual vacuity of his expression could not hide, she added more kindly, "I suppose I'm nervous."

"Nervous?" repeated her companion yet more vacantly. Seemingly he was on the verge of asking the word's meaning,—actually analyzing the emotions in her tone.

"Yes, yes; nervous." And with a flare of words: "Why are you so placid, so colorless, so, so—? Are you never moved? Have you no emotion? Do you expect me to love a shell?"

No sooner had Miss Elbridge thus coherently and dispassionately put the case than she repented of it in her heart, for she and Mr. Winsted had been very good friends in an irresponsible sort of a way. But before she could smooth her roughness, Mr. Winsted had murmured helplessly, "I really don't know," and had faded quite away, according to her desire. And yet, far from experiencing any relief from his removal, she was utterly miserable,—like a cat with no rat to worry,—and fatuitously began to question herself: "What will he think of me? I was so brutal,—actually brutal, and a woman; while he is amiable; sometimes—yes, he is always considerate, as far as his knowledge goes. What will he think? Absurd; just as though he ever thought!"

As the Socialists, Communists, or whatever they like to hear themselves called, are always looking through their matted hair for an uprising of the poor man in his strength; as the dramatic critics are peering about through

their eyeglasses for the informing playwright of the future,—so the young lady of society, through her life-mask, watches for the hero,—the hero in the degraded age, always expected, but who nevertheless never comes. The adoration of a lesser than the hero is to her ludicrous; so she accepts it, regardless of the fact that to a small man the petty may be grandly serious. Therefore, when Mr. Winsted had quietly and abruptly informed Miss Elbridge that he loved her desperately, she had been startled and displeased; but had failed to observe the existence of a fallacy, in that she had not been merely amused, as she should have been in accordance with her point of view. In fact, she was so displeased that she was disturbed. Her conscience—an inheritance from a Puritan ancestor—took Mr. Winsted's part, and tormented her insulted complacency until she could endure the elemental strife no longer, and, ordering her carriage, drove to receive comfort at the hands of her friend Miss Jackson.

Miss Jackson, of the age when every woman is her own *chaperon*, had rooms in the West End, in a little foreign-looking street, lighted at night by great lamps suspended from brackets above the doors of the houses. Miss Jackson was not in society,—that is, not in the self-conscious, Pharisaically exclusive society; but she furnished a weekly letter for a newspaper of a far Western city, and wrote charming personal notes of that society, which, as thus portrayed, the Western city ridiculed and envied. Not only did Miss Jackson do this, but, being of a versatile mind, she criticised art in all its branches for a people and a time that, being unable to produce anything good, liked to be flattered upon their culture, and to be turned out for to the left. Therefore, Miss Jackson knew something about the theatres and art collections of her city. Moreover, being always busy, she was never bored; and thus was virtue its own reward. On that particular day she had proceeded in

her weekly letter as far as "It is rumored," when Miss Elbridge's sudden entrance put an end to imaginative construction for the time.

"O Henrietta!" cried the visitor, dropping into a chair; "I am so disturbed."

"What's the matter now?" inquired her friend brusquely, wiping her pen on the sleeve of a house jacket which she always wore while writing.

"Henrietta," remonstrated the visitor, "you speak as though you'd often seen me disturbed, when you know I never allow myself to be disturbed."

"Well, well, Florence, you needn't tell me unless you like."

"Why, Henrietta, of course I want to tell you. That's what I've come for. Do you know, that great, idiotic Ralph Winsted proposed to me?"

"I thought he was a very intelligent man," interrupted the penny-a-liner, drawing off her house jacket.

"Intelligent!"

"I thought he knew enough not to expose his ignorance; but of course, as he's proposed to you, I'm wrong."

"O Henrietta, you aren't sympathetic at all. The idea of his doing such a thing—to me! He irritated me so that I was rude, and drove him out of the house, and called him names —"

"Through the window?"

"No, no; before he went out. I was very rough, but he is so—so—such a ninny; and—what shall I do, Henrietta?"

"I don't know," answered Miss Jackson, as she arranged her hat before the mirror. There were gray hairs on her head, so she may have understood Miss Elbridge's mental state better than that young woman herself. "Unless," she added, "you insert an advertisement in the papers to the effect that, if Ralph Winsted will return to his love, all will be forgiven and no questions asked. But, in the meanwhile, I am going out. You'd better

walk with me; we'll look in at the shop windows, and forget our woes."

"It's so very muddy," sighed Miss Elbridge, luxuriously. "I've got my carriage here; we'll go in that."

"No; I want my exercise. Come,—come along; send the carriage away; you're growing lazy."

In spite of a beautifully enameled blue sky, the streets were very muddy, as Mr. Winsted learned to his disgust when, discarded by Miss Elbridge, he sought comfort in roaming. Although his features were placid and his hair light, yet his mind was chaotically black. Absent-mindedly he entered his club. From a dark corner a very young man, who seemed to have been sitting there to let the mold gather upon him till his freshness and reproach should be blotted out, sprang up and greeted the erring lover.

"Ah! so glad to see a human being!"

"I am not human," said Mr. Winsted, stalking away. He began to walk about the gardens, but they did not seem to deserve half the praise that had been given them. Then he lost himself in a crooked street, on whose crossings women were floundering about distractedly under the noses of rearing horses.

It was but very little later that Miss Elbridge, stepping with her friend out of a store where they had been *pricing* something that they did not want, and had not the least intention of buying, beheld Mr. Winsted crossing the street with an old woman, conspicuous by a very large hat, and the affectation of a very youthful manner.

"O Henrietta, look!" cried Miss Elbridge. "Who is that horrid old woman with Mr. Winsted?"

"Old!" she said, turning away. "That's a ballet-girl at the 'Diamond.'"

"A ballet-girl! The horrid man! How he has deceived me,—and I thought he was so upright! I'll never, never forgive him, Henrietta."

So it happened that from that day Miss Elbridge refused to recognize Mr. Winsted when she saw him.

But, far from accepting his defeat, Mr. Winsted, with a determination seemingly foreign to him, resolved to continue the chase while there was a chase to continue; and as a preliminary he called for advice upon Mrs. Richards, a motherly woman, much interested in the concerns of young men, and ready of counsel. Mrs. Richards was at home to Mr. Winsted, and received him with a gracious, indulgent smile. He explained matters, perhaps a little abruptly,—but then he was no diplomatist,—by saying:—

“Mrs. Richards, I’ve come to ask your advice, you know.”

“You’ve been long away, but you come now that you need me,” replied the matron, playfully and sententiously chiding.

“Ah—I know—yes; I’ve been so worried. You see, Miss Elbridge—no, I proposed to Miss Elbridge, you know, and I called her—no, she called me a ninny, and I won’t speak to her any more,—I mean she won’t speak to me any more.”

Now there could be no love affair in her set and Mrs. Richards in ignorance of it—such was her observation. Therefore, what Mr. Winsted left vague she was able to supply for herself in a great measure.

“But I don’t quite understand why she should cut you for such a thing. Isn’t there something else, something you’re not telling me?” she urged, curiously.

“No, no indeed. It does seem absurd—I mean odd, you know. I’d ask her, but I can’t; she won’t let me come near her.”

Mrs. Richards’ eyes were lighted with joy in the anticipation of using for another that *finesse* which she was too old to employ for herself, as she replied: “Don’t worry. Come tomorrow afternoon, and you shall see her alone.”

Mr. Winsted looked incredulous. “No, not another word,” she went on. “You come tomorrow,—now go.”

When on the next day Mr. Winsted rang the bell at Mrs. Richards’ door, he was ushered mysteriously into a narrow, closet-like room of whose existence he had theretofore been ignorant. Mrs. Richards appeared to him after an intolerably long interval, as he reckoned it. She did not wait to greet him, but fluttering into the room pushed him towards a curtain, and whispered, “Now go right in, and be bold.”

Mr. Winsted entered precipitately, but although he had determined to be bold, he found such a course impossible when he stood before Miss Elbridge, over whose face passed a subtle change as she turned and saw him.

“Mr. Winsted!” she exclaimed in a voice that chilled him. He shifted his position uneasily, and unwittingly brought himself between her and the door.

“Mr. Winsted,” she began again, “how dare you intrude upon me like this? But I might have expected it of you. Now let me go;” and, springing to her feet, she walked towards him. As she advanced he retreated, until he stood with his back set firmly against the door.

“Mr. Winsted, will you let me go out?” she asked, tremulously; but Mr. Winsted continued to stand against the door without replying. She turned her back upon him. “This is rude—worse than rude; it is abominable; it is”—and she sank helplessly upon the sofa.

“Now,” thought Mr. Winsted at the door, “my time is come; she must needs hear me now. I’ll speak to her.” But, try as he would, no sound came from his lips.

“Mrs. Richards planned this,” declared Miss Elbridge, on the sofa. “It was cruel to allure me here for this. I shall never forgive her and you—you, too; and I used to like you so much.”

“I *must* speak,” thought Mr. Winsted at the door, but he could form no syllable.

“Oh! please, please Mr. Winsted, let me go;” and Miss Elbridge, from conflicting emotions, began at last to weep softly.

"If I let you go, will you come right back?" asked Mr. Winsted, finding words at last.

"Absurd! never, never, never!" sobbed Miss Elbridge.

Mr. Winsted's fright departed utterly. After all, this young girl in tears was not very formidable, he told himself; and crossing the room, sat beside her. The only notice that she took of his presence was to draw her skirts more closely about her from contact with him.

"Florence," he said. She shivered, but made no response.

"Florence," he went on, "why haven't you spoken to me lately?"

"You're a bad, bad man!" she burst out. "You've cruelly deceived me; you've broken my heart."

"What do you mean, Florence?" he asked, anxiously.

"Don't call me Florence,—and you know perfectly well what I mean;" and the sobs began again, but were muffled immediately by the handkerchief.

"I do not; tell me, Florence," the brute went on.

"I thought you were so—so good, you know, and I saw you—with a—a—ballet-girl—O Ralph, how could you?"

"I couldn't, and didn't, and you mustn't call me Ralph."

"I didn't mean to; I saw you with her that afternoon that I sent you away,—a horrid old woman, with a big hat, and Henrietta Jackson said that she was a ballet-girl."

"Oh!" said Mr. Winsted, laughing; "she wasn't in her teens, anyway. But, Florence, I didn't know what she was; I was just helping her across the street."

"Really?" asked Miss Elbridge, looking up from her handkerchief. "I'm so glad—I mean, of course, it's nothing to me at all," with a sudden assumption of dignity, which had no effect upon certain manifestations of tenderness which Mr. Winsted was making; so she found it necessary to say, "Let me go."

"Will you return if I do?" and in persuading her to do so, Mr. Winsted found little difficulty, considering how very distasteful his presence must have been to her.

List of letters and communications remaining uncalled for at the "cage":—

| | |
|---------------------|---------------------|
| Anderson, G. W. | Johnston, M. L. |
| Annandale, W. E. | Kales, W. R. |
| Armistead, F. N. | Laws, W. F. |
| Armstrong, H. | Leeming, W. |
| Bailey, R. | Leiper, G. W. |
| Barnard, H. O. | Locke, J. C. |
| Beattie, R. H. | Maki, H. |
| Beecher, Miss A. H. | Maunesmann, R. |
| Beddall, A. R. | Mansfield, A. N. |
| Berry, H. | McNear, Miss M. J. |
| Bissell, R. W. | Mead, P. W. |
| Beale, E. E. | Meserve, R. E. |
| Bonesteele, F. P. | Meyer, G. J. |
| Breed, S. A. | Miller, Miss L. |
| Brown. | Mitchell, G. E. |
| Burnham, C. M. | Mott-Smith, H. M. |
| Campbell. | Nichols, G. A. |
| Capen, B. | Newman, F. E. |
| Chapin, G. E. | Paraschos, N. T. |
| Chase, H. M. | Parker, E. M. |
| Cheney, N. | Parrish, J. T. |
| Codman, J. S. | Patterson, W. E. |
| Conant, R. W. | Peck, W. F. |
| Covell, E. C. | Pratt, C. B. |
| Crane, J., Jr. | Randall, E. B. |
| Cutler, W. W. | Resor, W. S. |
| Cutter, L. T. | Robertson, A. R. |
| Daggett, W. C. | Rogers, H. L. |
| Davis, F. I. | Ross, D. W. |
| Dean, A. W. | Sayward, W. H., Jr. |
| De Bullet, J. C. E. | Schneider, E. E. |
| Dorr, F. H. | Sears, C. M. |
| Duncan, R. J. | Shurtleff, A. A. |
| Eaton, E. L. | Smith, A. C. |
| Ensworth, H. H. | Sperry, A. |
| Fairfield, E. J. | Sutton, S. |
| Fitts, F. W. | Thalheimer, W. C. |
| Fitz, C. F. | Tidd, A. W. |
| Gilbert, P. F. | Vorce, W. H. |
| Gilmore, F. C. | Warner, G. M. |
| Gorham, M. | Warner, M. |
| Hawkins, W. R. | Wason, L. C. |
| Hazelton, I. B. | Weed, H. T. |
| Heywood, C. D. | Weis, S. W. |
| Holmes, F. C. | Wheildon, W. M. |
| Howe, J. W. | White, H. C. |
| Hubbard, C. B. | Whiting, W. S. |
| Hunt, W. F. | Wilder, P. H. |
| Iglesias, E. T. | Young, J. M. |
| Johnson, C. H. | |

COMMUNICATIONS.

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

TO THE EDITOR OF THE TECH:—

Since the appearance of the article in the last issue of THE TECH concerning a post office, the opinion of the President and Corporation on this subject has been obtained. President Walker and Mr. Wigglesworth for the Corporation, to whom the matter was referred, both heartily favor the plan. Inasmuch as there is comparatively little mail sent here at present, it is uncertain if there would be a need for the five hundred and forty boxes specified in the plan submitted. They think it best to put in about one hundred and twenty-five lock boxes at first; and if the demand for them justifies putting in more, that will be done afterwards. It is proposed to remove the grating on the north side of the cage, and on the top of the woodwork place the nest. There is room for twenty-six boxes horizontally, and five rows will make a total of one hundred and thirty; above these, netting will be placed, as at present. If each box were free, every student would be entitled to one. In order to limit the use to those who really wish them, it is proposed to charge a small annual rental, and to use the money so obtained (above the expense of maintenance, which would be slight) to aid some needy and deserving student through his course.

In addition to the brief description given before, I will add that the inside dimensions of each box are: width, three and one-quarter inches; height, five inches; and depth, ten inches. This gives a box larger than the United States standard. The doors present a very handsome appearance with their bronze fronts, which are warranted not to rust or change color. They are provided with Sargent and Greenleaf locks containing six tumblers; ten thousand changes can be had. The locks are warranted not to break, or get out of order, or rust, or with ordinary use wear out for twenty-five years; while the keys are not interchangeable. I write this to bring the matter before a larger number than would be possible otherwise; meetings are often poorly attended, and I wish all, and especially the Seniors, to understand the plan, then

to act upon it. I feel almost sure that '91, as a whole, will adopt this scheme. They need not stop on account of expense, which will be slight *per capita*, as can be fully explained in a class meeting.

L. C. WASON, '91.

The Columbia College cricket team is a remarkably strong one, and will probably give Harvard and the University of Penn. some interesting games.

There are forty-nine candidates for the Harvard freshman nine.

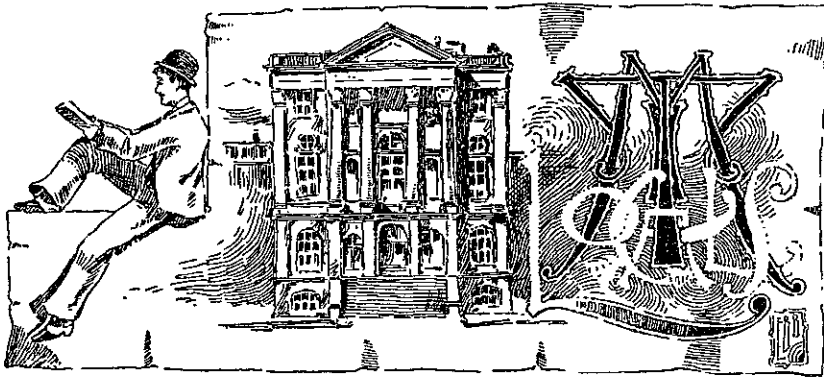
The petition of the Japanese student, S. Okeda, to be allowed to substitute Chinese and Japanese for Latin and Greek in the entrance requirements for Harvard, has been granted. This will undoubtedly attract a large number of Japanese students to Cambridge.

Francis B. Lee, University of Pennsylvania '90, is assisting Professor Felix E. Schelling in compiling a history of the fraternities of the University of Pennsylvania.

The Harvard eight have begun rowing on the Charles river, with positions as follows: Bow, Watriss, '92; No. 2, Powers, '93; No. 3, Rantoul, '92; No. 4, Vail, '93; No. 5, Shaw, '94; No. 6, Lyman, M. S.; No. 7, Kelton, '93; stroke, Captain Perkins; coxswain, C. F. Adams, L. S. Mr. Adams is acting as coach.

A New York Alumni Association of Phillips-Andover is being formed. Over three hundred names have already been subscribed.

The announcement has just been made that Mr. Morris K. Jesup, of New York City, has given \$51,000 in government bonds to the Yale Divinity School. The gift is made in memory of his father, who graduated from Yale in 1814, and is to be called for him the Charles Jesup Fund. No stipulations accompany the gift, and the interest on the sum will be used according to the discretion of the Faculty.



Lucrative positions are once more at a premium.

Most of the Seniors have begun work on their theses.

Many of the men stretched their vacation to a fortnight.

Tuesday the mill engineers had an excursion to Lowell.

That suspended bulletin board was a most welcome innovation.

The number of men who have just discovered they are in the wrong course is quite large.

The number of men who have failed to return is smaller than usual at this time of year.

The Senior Class in Steam Engineering reports that high marks do not go with an easy examination.

The Faculty is considering the advisability of making Latin necessary for entrance to the Institute.

Mr. Puffer has been giving a course of lectures on Electricity at the Wells Memorial Institute.

Several large dynamos have been put in the dynamo room to be used in the thesis work of this year.

Many thanks to the authorities for filling up the moat that existed in the approach to the New Building.

Mrs. Charlotte B. Richardson has left the Institute \$30,000 as a fund for the department of Industrial Chemistry.

The Sophomores are pleased at having to procure their "Differential" books at the cage, instead of at the usual place.

There is already some talk in regard to organizing Sophomore baseball teams among

the different courses. A good method of developing talent, in so far as the regular teams are not interfered with.

A prominent feature of the Twentieth Century Club meetings is the large number of instructors who are present.

We notice one step in the right direction. A letter list is posted frequently in the official bulletin board in Rogers corridor.

The Sophomores in Course VI. are having a four weeks' course of lectures in Physical Laboratory before beginning actual work.

A. E. Fowle has resigned as Business Manager of '93's "Technique," and H. V. Shaw has resigned from the Artistic Staff.

An accident to the dynamo in the engineering building prevented the Senior Electricals from running a combined engine and dynamo test last Friday.

Mr. Blodgett, of the signal department of the Boston and Albany Railroad, began his lectures last week on the application of electricity to railroad signaling.

On March 14th, the Northwestern University tug-of-war team will contend with our team in the Exeter Street Gym. An interesting contest is expected. To this event may also be added one or two more of interest.

We are all very much obliged to the father of our country for allowing us to celebrate on Monday, the 23d. It would have gone directly against our earnest desires, had we been obliged to commemorate his birth the day before.

The class of '94 met Wednesday, February 11th, in 11 Rogers. The election of the Senior Dinner Committee resulted as follows: W. C. Peet, R. K. Sheppard, B. E. Holden, M. L. Johnston, R. C. Anderson. About thirty-five men were reported as candidates for the baseball nine. F. C. Green was elected manager of the team.

The Board of Editors for "Technique" is announced as follows: Editor in Chief, L. B. Dixon; Associate Editors, A. F. Bemis, H. L. Rice; Business Manager, A. E. Fowle;

Assistant Business Manager, J. C. Boyd; Artistic, G. B. Perkins, M. B. Biscoe, H. V. Shaw, F. W. Hight; Athletics, J. C. Noblit; Societies, E. E. Blake; Statistics, F. W. Fabyan, H. A. Morss.

During the past year and a half F. H. Meserve, '92, has been superintending the construction of a building of his own design, in Great Falls, N. H. The building is a G. A. R. Memorial Hall, and was completed a short time ago.

When the Civil Engineering Society was formed, it was arranged that second-year men could not become regular members. A short time ago this policy was changed, and Sophomores are now members, in equal standing with Juniors and Seniors. Sophomores are earnestly invited to attend the meetings of the society.

The tabular view of the Junior Civils is more satisfactory this term than it was last, both as regards the amount and the distribution of the work. This fact, however, merely urges the festive grind to renewed efforts; he spends all his spare hours in the drawing room, and later in the term reaps his reward in the anxious faces of those unfortunates who have been satisfied in doing the average amount of work.

A '91 class meeting was held Saturday noon, February 14th, to elect a Class Day Committee. The resignation of Cunningham from the Photograph Committee was accepted, and Koch was appointed in his place. It was voted to elect the Class Day Committee by ballot, which was done on Tuesday, February 17th. Messrs. Bradlee, Garrison, Forbes, Viele, Blanchard, Oxford, Bryden, Aiken, Shattuck, Leeming —, —, were elected.

The open indoor winter meeting of the Athletic Club will be held in Winslow's Rink, on March 7th. The events will consist chiefly of vaulting, jumping, and running. Besides being open to Harvard and the Boston Athletic Association, invitations have been sent to the athletic clubs of a number of other colleges, Amherst, Williams, Dartmouth, etc.

A petition is being circulated among the Freshmen in regard to next year's semi-annual drill. All those signing it agree not to disturb '95's semi-annual drill exhibition. It seems rather early in the day to take such action, but no doubt it is best while the experiences undergone at the last exhibition are still fresh in the minds of the disturbed warriors.

The directors of the Co-operative Society held a meeting last week. They are now at work upon a new list of affiliated tradesmen which will be completed in plenty of time to accompany the new tickets to be issued on April 1st. This is not an April fool, but a fact.

Now that '91 has elected its Class Day Committee, does it not bring tears to one's eyes to think that its members may have used that worthy ballot box for the last time?

The following men have been elected on the Glee Club: 1st tenor, E. P. Whitman, W. L. Bugbee, H. M. Wescott; 2d tenor, A. F. Hunt, G. A. Holmes; 1st bass, John Aiken, F. W. Fabyan, W. H. Vorce; 2d bass, W. C. Daggert, B. E. Fenner, I. B. Hazleton; director, Sumner Coolidge; J. G. Melliush, accompanist; W. H. Vorce, business manager.

Both the Sophomore and Freshman baseball candidates are only waiting for favorable days in which to appear upon the space between the railroad tracks for practice. There is first-class material trying for positions on the teams. '94 probably has the larger number of aspirants. Those trying for '93's team are mostly men of experience. There are scarcely any candidates who were dropped last year.

At a meeting of the Class of '94 on the 24th inst., Hastings and H. A. Baldwin were unanimously elected to serve as directors of the Co-operative Society.

The report that the recitations in Structures with Professor Swain, form a most enjoyable portion of the work in Course I. is denied by interested persons.

COLLEGE NOTES.

The Faculty of Rutgers have decided to make gymnasium work compulsory for the two lower classes.

Columbia, Dartmouth, and Williams have dispensed with commencement exercises.

Phillips-Exeter has raised over \$700 for its baseball nine for the coming season.

St. Paul's School, Garden City, has been closed, on account of scarlet fever.

The M. A. C. is now the largest club in New York, having 2,500 members. The N. Y. A. C. is second, with 2,300.

An art museum, to cost \$150,000, is to be added to Stamford University by Mrs. Stamford.

The trustees of the Chicago University have decided to ask the citizens of Chicago for \$500,000 more to expend for buildings.

Boston University offers instruction in a larger number of languages than any other American institution.

The Yale University library has received a valuable addition in a gift from Franklyn B. Dexter, Secretary of the Yale Corporation, of his collection of books and manuscripts relating to early New England history.

The students at Exeter have raised \$270 for the purpose of hiring M. J. Kelly, the Boston player, to coach the school nine.

The Yale Glee Club will hereafter devote their profits to establish a contingency fund of \$3,000, from which to pay running expenses.

The average age of the men entering the University of Michigan this year was 17 years 1-2 months; that of the women was 19 years 5-9 months.

The annual Rugby football game between England and Ireland was won by the former by a score of two goals and three touchdowns to nothing.

Fisk University has decided to erect a chapel in memory of the late Gen. Clinton B. Fisk, with the \$25,000 left to that university by him.

Lectures in Volapük are now delivered at Yale, which is the first American college to add the language to its curriculum.

The University of Pennsylvania will send out a scientific exploring and dredging expedition to the Bahamas and the Caribbean Sea.

All of last year's nine at Yale have returned to college except Stagg and McBride. Dalzell will probably take Stagg's place, and there are several candidates for first base.

The success of the past few years has induced the University of Vermont to try to raise \$1,000 to put a baseball nine in the field with the other colleges.

Princeton College has received a gift of over thirty thousand pieces of pottery and porcelain illustrating the history and progress of art from the earliest Egyptian period down to the present time.

The Harvard Peabody Museum of Archaeology and Ethnology has received \$30,000 to found a scholarship with.

The average Wellesley girl weighs one hundred and nineteen and a half pounds, and is a trifle over five feet two inches in height.

The University of Michigan is planning to send its baseball team East next season to play the eastern college nines.

The alumnæ of Vassar College are endeavoring to raise \$40,000 with which to endow a professorship of astronomy at Vassar College.

At the next meeting of the Intercollegiate A. A. in New York, action will be taken as to the advisability of dropping the tug-of-war from the list of events.

The Canadian Football Association will send a team to England this year. Arrangements are being made for games with the best teams in Great Britain and Ireland.

The candidates for the Cornell Freshman crew have been reduced to fourteen men, whose average weight is 162 pounds.

A successful expedition, sent out by University of Pennsylvania, to investigate the flora and fauna of the West Indies and Florida, has just returned.

Eton celebrates its ninth jubilee this year. The authorities are planning for an exhibition of pictures and relics of all sorts connected with the school.

The position of art director at the World's Fair has been offered to Henry G. Marquand, Esq., President of the Board of Trustees of the Metropolitan Art Museum, New York.

An organized movement, at the head of which is Mrs. President Harrison, is on foot to secure a woman's medical branch to Johns Hopkins University.

There are eighty-three men in the Senior Class at Exeter. It is the intention of forty to enter Harvard, twenty will go to Yale, six to the Massachusetts Institute of Technology, two to Princeton, two to the Columbia Law School, and one each to Dartmouth, Williams, University of Pennsylvania Law School, and Rensselaer Polytechnic Institute.

The first official report of the University of Chicago has just been issued. It is proposed to make its scope very wide, and eventually to include preparatory schools, colleges of liberal arts, sciences, literature, practical arts, post-graduate school, theological school, law school, medical school, and schools of engineering, pedagogy, fine arts, and music.

Charles Lenning, of Philadelphia, has left \$700,000 to the University of Pennsylvania; \$500,000 is to go to the Towne Scientific School, and the remaining \$200,000 is to be used to found scholarships.

An Intercollegiate Football League will be formed by Bucknell, Haverford, Dickinson, Swarthmore, Pennsylvania State College, and Franklin and Marshall.

The Columbia tug-of-war team has accepted a challenge from Northwestern University for a pull in the latter part of March.

The Princeton Faculty Athletic Committee are considering the advisability of forbidding students to take part in any outside athletic contests during term time, except in the Intercollegiate championship meeting, and in games with other colleges.

A meeting of the Intercollegiate Rowing Association, composed of Cornell, Columbia, and Pennsylvania Universities, will be held some time this month. Bowdoin will probably be admitted to the Association.

A letter from Amelia B. Edwards to an Eastern journal states that the committee of the Egypt exploration fund have determined to make an exhaustive archæological survey of the country. The work includes measuring and making plans of the monuments, and copying and photographing the inscriptions, sculptures, and wall paintings in the province of Minich.

The death of the Hon. George Bancroft has removed the most distinguished alumnus of Harvard University, and has made 1818 Harvard's oldest class that has a living graduate. The Rev. A. F. Farley, of Brooklyn, is now the senior alumnus, having graduated in 1818, one year after Mr. Bancroft. Dr. Farley is over ninety years of age, and is a resident pastor emeritus of a Brooklyn Unitarian Church.

As it may be interesting to note the dates when the principal colleges of the country were founded, we publish the list below: Harvard, 1636; William and Mary, 1693; Yale, 1701; Princeton, 1746; University of Pennsylvania, 1753; King's (Columbia), 1754; Brown, 1764; Rutgers, 1756; Dartmouth, 1769; Dickenson, 1783; University of Vermont, 1791; Williams, 1793; Bowdoin, 1794; Union, 1795; Hamilton, 1812; University of Virginia, 1819; Trinity, 1823; Amherst, 1825; Lafayette, 1826; Wesleyan, 1831; University of City of New York, 1831; Oberlin, 1833; University of Michigan, 1837; Iowa, 1847; Northwestern University, 1851; Tufts, 1852; Franklin and Marshall, 1853; Massachusetts Institute of Technology, 1861; Swathmore, 1864; Cornell, 1865; Lehigh, 1866; College of City of New York, 1866; Johns Hopkins, 1867; Boston University, 1869; University of Nebraska, 1869; Syracuse University, 1870.

W. C. Johnson, the champion amateur 100-yard swimmer of America, broke the world's record for 100 feet in the M. A. C. swimming tank, covering the distance in 20 seconds.

The College of Physicians and Surgeons, which has been an adjunct of Columbia College, is now a department of the College, and completely under its control.

The new rules framed by the committee of the Amateur Athletic Union and L. A. W. contain the following reference to college athletics: "Undergraduate students training for or competing at contests limited to collegians may, however, receive from their college associations such expenses as are customary with them, and are sanctioned by the Intercollegiate Association." Other amateur athletes must, according to the new rules, pay their own expenses.

In the Yale crew, Ives, who was to stroke the crew, has been ordered to cease rowing on account of heart trouble. Ferris cannot row on account of rheumatism; Hartwell, who has rowed three years, refuses to row. Brewster and Simms will then be the only old men left in the boat.

The New York alumni of Harvard have presented to last year's football team a magnificent silver cup, in appreciation of their victory last fall. Upon its side is the inscription, "The Cumnock Cup; the gift of Harvard Graduates in New York. Springfield, Nov. 22, 1890. Harvard, 12; Yale, 6." Besides this, each player has a cup of his own, Captain Cumnock having the largest and most elaborate.

The definition of an amateur under the rules of the Amateur Athletic Union, is as follows: "An amateur athlete is one who has not entered in an open competition, or for either a stake, public or admission money, or entrance fee, or under a fictitious name, or has not competed with or against a professional for any prize or where admission fee is charged, or who has not instructed, pursued, or assisted in the pursuit of athletic exercises as a means

of livelihood, or for gain or any emolument, or whose membership of any athletic club of any kind was not brought about or does not continue because of any mutual understanding, express or implied, whereby his becoming or continuing a member of such clubs would be of any pecuniary benefit to him whatever, direct or indirect.

The '91 Mechanicals and Electricals have chosen subjects for thesis work as follows:—

C. W. AIKEN and R. S. BALL: Efficiency Test of a Mt. Washington Locomotive.

J. H. BIRKS and F. W. FUGER: Deflection of Parallel Rods

F. C. BLANCHARD and J. SWAN: Reciprocating Parts of Marine Engines.

H. L. BRAND and W. E. HOPTON: Test of a Fifty-ton Linde Ice Machine.

E. L. CHILDS: The Comparative Strengths of Bleached and Unbleached Cotton Cloth.

F. C. MOORE and C. H. WOOD: The Friction of Bolt Threads.

A. W. MOSELEY and F. H. ROSE: Explosion of Gases in a Closed Vessel.

F. E. NORTON and F. A. WILSON: The Wear of Gear Teeth.

C. A. READ and W. C. RICHARDSON: A Test on Injectors.

C. M. TYLER: The Value of the Steam Jacket.

F. A. COLE and H. I. COLE: The Strength of I Beams.

L. G. FRENCH: The Flow of Steam.

E. L. LIBBEY: The Pressure on Lathe and Planer Tools.

H. G. BRADLEY and R. W. CONANT: Efficiency and Wave Form of Current from Telephone Induction Coils.

W. H. BRAINERD and H. H. SYKES: Safe Carrying Capacity of Wires.

C. GARRISON and M. W. GREER: Variation of Stray Power in Edison Dynamo with Variation of Load.

W. MOSSMAN: Conductivity of Commercial Wires.

G. H. K. OXFORD and W. I. PALMER: Characteristic of Edison Machine, and Variation of Potential around Commutator.

T. SPENCER and F. T. SNYDER: Commercial Test of Malden Electric Light Station.

H. P. SPAULDING and L. C. WASON: Efficiency Test of Thomson-Houston Alternator by Air Calorimeter Method.

G. H. SPOONER and G. M. WARNER: Characteristic of Weston Dynamo in Engineering Building.

H. H. WAIT and C. W. RICKER: To Discover the Method of Vibration of Telephone Diaphragms.

F. S. VIELÉ and T. V. BOLAN: Efficiency of Transformers.

J. F. WHITE and H. H. ENSWORTH: Inverse Electromotive Force of Electric Arc.



The Athletic Meeting held in the Armory of the First Regiment, on Saturday, February 14th, was in many respects a success. The breaking of the world's record in the running high-jump by G. R. Fearing was a notable event, and excited much interest. It was a noteworthy fact that in nearly every event the scratch men failed to get a place. Several Tech. men made a creditable showing.

The Board of Managers of the Amateur Athletic Union met at the B. A. A. club house on February 14th, and admitted six clubs to membership.

The L. A. W. Officers met in Washington on February 16th; they represented 18,113 wheelmen. The membership has been increased during the last year by 5,710; there are at present 441 women members. The Convention favored the creation by Congress of a national highway commission.

Representatives of Yale and Harvard met in New London on February 14th, to discuss the conditions which shall govern the race on the Thames next June, if it is decided to row over that course. The representatives of both universities are of the opinion that if the races are in future to be rowed on the Thames, the authorities of New London should do something to lighten the expenses of the crews.

The Harvard Freshmen Crew will take no action on the Yale challenge until Columbia has been heard from. If Columbia accepts Harvard's challenge, a race between all three crews will probably be arranged; otherwise, Yale and Harvard will race.

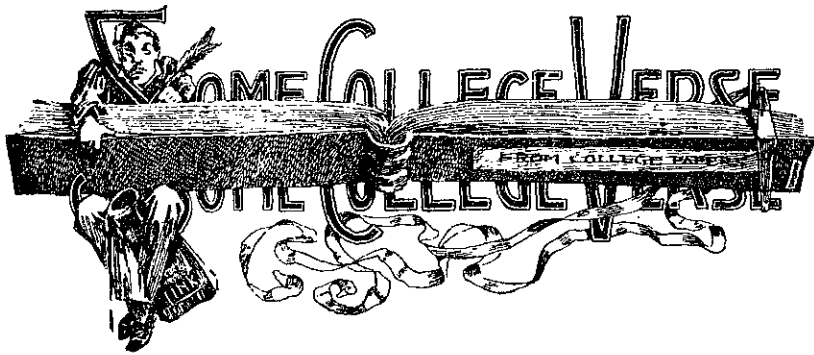
The following is the order of events for the winter athletic meetings at Harvard: Saturday, March 21st—Putting the 16-pound shot; finals in heavy, middle, and light weight wrestling; heavy, middle, and light weight sparring; fence vault. Saturday, March 28th—Semi-finals and finals in fencing and broadswords; running high jump; 10-yard dash; feather and bantam weight sparring; horizontal bar. The preliminaries in wrestling and fencing will be decided before the meeting. The boxers and wrestlers will be classed as follows: Heavy weights, over 160; middle weights, between 160 and 140; light weights, between 140 and 125; feather weights, between 125 and 115; bantam weights, under 115.

The following committee has been appointed to represent Harvard at the Intercollegiate Athletic Association meeting in New York, February 28th: E. C. Moen, Lee, and Hunt. This meeting will be important, as some important questions concerning the Mott Haven programme will be discussed.

At a meeting of the National Lawn Tennis Association in New York, Saturday, an amateur was defined. Dr. James Dwight of Boston was elected to the Executive Committee. The Eastern championship will be held on Staten Island, and the Western in Chicago. The championship of the United States will be played for at Newport.

The Harvard Association is to be allowed to take part in the Intercollegiate Association games in New York, in May, 1891. This matter has been under discussion for some time, as it is one of the rules that Harvard should not compete in athletic games outside of New England. It is thought that the committee took this action at the solicitation of the graduate advisory committee.

Candidates for the Princeton ball team have gone into active practice. There are about twenty in all. A number of the candidates were members of last year's team.



TEMPORA MUTANTUR.

Long years ago in Moses' time,
When people were troubled with woes,
They tore their hair, and in their grief
They savagely rent their clothes.

And so it is in college now
When students are troubled with woes,
They tear no hair, but in their grief
They savagely rent their clothes.

—*Williams Weekly.*

A CONFESSION.

The engineer lay dying,
Fast ebb'd his life away;
The hero that had saved us all,
Had met his fate that day.

Tenderly bending o'er him,
Was an aged, white-robed priest,
And he told to the wondering listener,
The story of the East;

And of Him who had died to save us,
Then he read the commandments all;
But the dying man interrupted,
With a feeble, murmuring call:

"I never took any human life,
Nor them other commandments which"—
Here he paused, "But I've often run over
The frogs at a railroad switch."

—*Lafayette.*

A GUILTY CONSCIENCE.

"I found you out last Sunday night," Miss Ethel said.
Miss Grace turned red,
And grew confused. "You saw us then—I should say *me*,
How could you see?
But Jack was merely helping me to wind some braid
That I had made."
Miss Ethel smiled. "No; you were out. I came to call."
"Oh, was that all?"

—*Brunonian.*

REASON ENOUGH.

"I wonder how these letters here,
Became so damp and wet."
"What are they, Jack?" "Oh, mostly bills
I haven't paid as yet."

"The answer's plain, I guess, old man,"
Said Fred, with sudden wit,
"Because there's so much due on them,
Must be the cause of it."

—*Yale Record.*

GRACIOUS!

With trembling steps to the minister's door,
At a nervously quickened pace,
Came the deacon's son, as many before,
To earnestly pray for grace.

Well, the parson was pleased at the youth's desire,
And made ready the holy water;
But the youth declared his aim was higher—
His Grace was the minister's daughter!—*Unit.*

R. S. V. P.

Now what in thunder could I say?
It happened somewhat in this way:
It was the first call I had made,
And yet she didn't seem afraid
To sit beside me in a nook
And gaze upon a picture book.
And so some impulse made me haste
To slip my arm around her waist.
She seemed to like it pretty well,
Just how and why I couldn't tell.
But soon she brushed aside a curl
And said, "I'll bet no other girl,
When first you called upon the miss,
Has ever acted just like this."
I smiled, and tried to look quite gay,
But what in thunder could I say?

—*Brunonian.*

STILL THE SAME.

I pressed her to my throbbing heart,
I swore no power on earth should part
Our lives; our love time should not kill.
With oft reiterated vow
I said that as I loved her now,
When we grew old, I'd love her still.

The years have passed, and now my wife.
Whom once I loved as my own life,
Has all according to her will.
She rules. The accents of her voice
Give me no reason to rejoice.
I sigh, "Oh how I'd love her still!"

—*Bowdoin Orient.*

A CHOICE OF WORDS.

"A pleasant evening," said her beau,
Still lingering at the gate;
(She wondered why he did not go)
The hour was getting late.

"Misuse of terms," she sudden cried,
And vanished from his sight,
While from the hallway's dark recess
Came, "I should say good-night."

—*Dartmouth Lit.*

CUT.

Though Cæsar was a wild young man,
And many frolics led,
He stood well in society
Till Brutus cut him dead.—*Brunonian.*