

The Tech.

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THE TECH.

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WHEN a football game is anyway unfair, there is an end of it so far as honorable sport and good playing are concerned. A team that depends on underhand work may win points it does not earn; but they will not offset the loss of *morale*

that is found to come from an attempt to substitute trickery for strength and skill. To play fair, and see fair play done, is the true interest of all concerned.

If players use unfair tactics it is the referee's place to impose a penalty; but for the injustice of a referee's decisions there is no remedy. That it is a hard thing to fill satisfactorily the position of arbiter between two teams in the excitement of play is evident; and it is doubly hard if, by reason of college fellowship, the interests of the referee are bound up in those of one of the contestants. There have been

many instances where the fact of the referee's being a student or a graduate of one of the contesting colleges has not acted to bias his decisions; but there have been other times, of which the game with Brown was an example, where it has been the cause of rank injustice. There are two requisites in the choice of a referee which, if insisted upon, would prevent the partiality and wrong-headedness which were evident in the Brown game; first, a thorough understanding of the duties of the position, and, second, no personal interest in the success of either party. Whenever these provisions are not fulfilled, there is an obvious chance for unfairness, which, as we have said, is an element that should be eliminated from football.

THE Athletic Club has taken a decided step in advance, by allowing records made by its members in any amateur games to stand as Institute records. This is the rule in nearly every college in the country, and in our case it seems to be peculiarly fitting. Now that this matter of records has been settled, we wish to bring forward the question of joining the New England Intercollegiate Association. The objections against such a course are many and forcible. The competition would necessarily come in the spring, when everyone was busy with the annual examinations; it would be hard to get up a team of men who would be willing to enter, and the fact that the Institute closes so early in the year would cause trouble. Nevertheless, if the intercollegiate meeting could be arranged to take place during the middle instead of the latter part of May, it would be perfectly possible for us to join. From among the men who enter our outdoor games, a fairly strong

team could be selected. It would be a small matter for them to remain in training a week longer, and the fact that such a team would be chosen would add much to the interest shown in our own meetings. We have, fortunately, entirely given up the idea of playing baseball; rowing is completely out of the question; but there is nothing impracticable in the idea of supporting an athletic team in addition to the eleven.

THIS is the first part of the first term, and is a time when everybody should at least try to do something besides grind. Theatre parties, class dinners, and every other form of harmless and sociable dissipation should be in full blast. By this time the blackboards in Rogers are usually white with announcements of various proposed entertainments; this year everybody seems to have forgotten that the time of some slight leisure has come, and is rapidly slipping past. The old saying about making hay would apply very well in this case. Let the Seniors turn their minds from theses to the devising of some enjoyable way of spending an evening together, and so prove that they have some social ability,—a thing that might be doubted from their past record. And '94, especially, should endeavor to know his classmates before electing the permanent class officers.

THERE is always more or less complaint that our class meetings are not well attended. This follows almost directly from the fact that they are nearly always held at a time when every one wishes to leave as soon as possible. A large amount of class spirit is necessary to make a man forego his lunch or lose an afternoon merely to attend a class meeting. By holding meetings in the evening, as is done at Harvard and most other colleges, this difficulty would be avoided. At

the usual hour of the Institute meetings everybody is anxious to get home, and either there is no quorum or the business is rushed through without proper deliberation.

It is always possible to have the use of one of the lecture rooms if the authorities are satisfied that it will be put to a proper use. Then, too, it would be perfectly possible for many of the societies and clubs to hold meetings at one of the hotels. This would doubtless attract members who would not attend a meeting elsewhere. By giving notice some time beforehand, and making the meetings more attractive by such methods as this, much more interest would be taken in all the Institute clubs; in the case of such organizations as the Electric Club and the M. E. Society this would be especially true. Some of the class-day committees have in past years tried this plan, and in their case it was a marked success.

DURING the past two weeks the football team has been made the subject of a good deal of harsh criticism. Viewed in one light this criticism has been deserved, as the team has shown, in the games that have been played, many serious faults. But on the other hand there is probably hardly a college football eleven in the country that has so many difficulties to contend with as has our team. It has fairly good practice grounds, but they are so far from the gymnasium that even less time than before is left for actual work. The result is, naturally, that with only about half an hour of daily practice, and that always late in the evening, the team is under-trained. The men are able to play well during the first half of a game, but in the second half lack of work tells, and the eleven is pushed around the field.

Now if we are to continue in the league we must, in spite of all disadvantages, improve in football playing, and not be content to stick to old-fashioned ideas. This year the eleven

tries to reach success by exactly the same methods that were used last year and the year before. The signals are practically the same, the criss-cross plays are familiar, and the blocking and team work have certainly not been improved. A more thorough study of the methods of other elevens would do much to improve the weak points in the playing of our team.

There is one other innovation that should be made if we are to keep up with the crowd, and that is to have a trainer for the team. The present management has spared no effort to get one, but has been unsuccessful for various reasons. At Bowdoin there is a man to coach the team, and a physician to act as trainer. The Dartmouth eleven is instructed by Mr. Gill of Yale, and for the other elevens in the league capable coaches are provided. If Tech. is to compete successfully with such teams it must enjoy equal advantages. It is to be earnestly hoped that the subscriptions to the team will be large enough to enable the managers to make some arrangement for more systematic coaching and training.

THE autumn is really the proper time for cross-country runs and hare and hound chases, although of late years we seem to have lost sight of the fact. In most parts of the college world cross-country clubs are just getting to work, and will hold runs at intervals until December. The Athletic Club, in bygone years, used to give four or five hare and hound chases during the season; for some reason, now unknown, these were discontinued, but then the Cycling Club took up the idea, and held a run every year for some time. Now this has stopped, and there is no one to keep up the good work. Here is an excellent chance for the formation of a cross-country club, and the opportunity should not be allowed to pass unimproved.

COMMUNICATIONS.

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

TO THE EDITOR OF THE TECH:—

WHAT is the reason for the delay in opening the tennis courts, and in starting the tournament? Here we are nearly through October, and the tournament has but just begun. Before it is finished the weather will be so cold that it will be uncomfortable playing, and the players will not be able to do themselves credit.

Tennis is a game to be played in warm weather; for it is not a game like football, where you can keep warm on almost the coldest of days, and for this reason the tournament should be begun as soon as possible after the Tech. opens, and not, as it is this year, nearly a whole month later.

A MEMBER OF THE TENNIS ASSOCIATION.

TO THE EDITOR OF THE TECH:—

AT the next regular meeting of the Mechanical Engineering Society, Thursday, October 30th, a lecture will be given by Mr. Geo. H. Barrus, giving an account of some experiments made by him on the Total Heat of Combustion of Coal.

During the lecture Mr. Barrus will show in operation the calorimeter used. Notice of the hour of the lecture will be posted on the bulletin-board.

CHARLES W. AIKEN, *Sec'y.*

TO THE EDITOR OF THE TECH:—

WE should like to put into "Technique" a picture of every athletic team in the Institute. Any who desire to appear should give us a good photograph as soon as possible. We will take charge of the reproduction, and will insert prints throughout our edition of fifteen hundred copies. The expense to each man would be very slight in comparison with the results obtained.

No team should neglect this opportunity to give to the students of the Institute a lasting souvenir of the successful athletes of the past year.

Please apply to W. W. Locke or to F. H. Meserve for further information about these pictures.

We hope that the Institute song offer which we made last week will bring a hearty response from

the students. This offer will stand open until December 1st, and contributions should be put into our box in Rogers corridor before that time.

The "Technique" Board will appoint a committee to award the prize; hence there will be no mass-meeting for that purpose.

THE EDITORS OF '92 "TECHNIQUE."

A Western Experience.

IT was not very many years ago that my friend Frank Weston moved out West, into a then not very thickly settled region of Colorado, and established himself with his wife and child on the land which he had pre-empted. Last year I met him in New York, and heard from his own lips the story I am about to write.

They lived alone, a mile from the nearest neighbor, and a much longer distance from the settlement. During the day Frank was occupied in business which took him away from home, and his wife remained behind with only her child and an Irish maid of all work as companions. But to be left so much alone was not so trying as might at first be imagined. It was not a dangerous locality, and she was free from fear for her husband's safety. The home surroundings were pleasant, also, with a view for miles of the neighboring country, and with a little garden by the house, in which she spent much of her time. For the house, though a frame structure, and possessed of the architectural magnificence of two stories, at that time an uncommon circumstance, was small, and the home work was consequently not so hard as to deny her time in which to attend to the rudiments of the education of her little son, or even to indulge in the interesting occupation of kitchen gardening. But though the country was quiet, and dangers infrequent, the unsettled state of the country was such as to justify the lessons which she received from her husband in the use of firearms. An expert marksman himself, I can well believe

that Frank's teachings would have a great effect upon an apt pupil. She became a very good shot with the rifle, and well practiced in the use of the little revolver that he bought her, and that she always carried about with her.

At the time of which I speak, a noted band of outlaws flourished in a district somewhat removed from the neighborhood of the Westons' home. But the interceptions of the mails and expresses bore quite as heavily upon the localities more remote from, as upon those immediately exposed to, their visitations. That the feeling against them was widespread was immediately made apparent when Frank took the matter in hand, and called for volunteers to form a Vigilance Committee for the purpose of getting rid of the robbers. A great number answered the appeal, and the district was cleared of the outlaws by a method as radical as it was successful. But though the band as a whole was annihilated, individual members escaped, and among them was the leader, a sinister fellow known as Black Bill, desperado and card sharp; a man of polished exterior, but of as great villainy as could be found in all the West. He escaped, but vowing vengeance on his foes, and especially upon their leader.

The excitement had subsided, the Vigilance Committee had dissolved, and its various members had been for several days pursuing their wonted occupations, when one morning Frank rode away from his door, waving good-bye to his wife and child. He had hardly turned from gazing back, to guide his horse through the one difficult and rocky place on the trail, every foot of which for a quarter of a mile could be seen by the loving watchers behind, when he suddenly saw, just come into view from behind a clump of bushes, with his arm upraised in peculiar gesture, a man on horseback. The recognition of Black Bill was immediate, but Frank's impulse to put himself on the defensive was rendered useless by the cleverly thrown lasso, which settled

over his shoulders and tightened around his elbows. A quick and powerful effort to free himself proved to be futile. He was caught, trapped, powerless in the deadly thong. Nothing was to be done but to resign himself to passivity as Black Bill rode up to make his captive more secure.

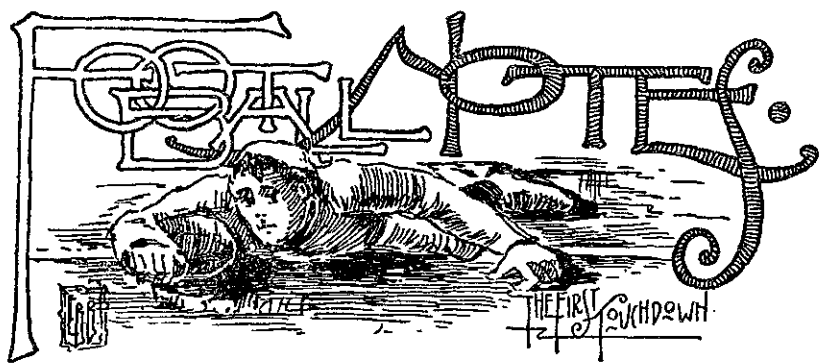
Not a word was said as the desperado leaned from his saddle to tighten the lasso. That stoical habit which is often caught from the Indians by continual contact with them perhaps prevented Black Bill from expressing his exultation; it was certainly pride that kept Frank from begging for mercy. But as Bill straightened up and grasped Weston's bridle, to lead him, by a refinement of cruelty, away from before the eyes of his wife and child, in slow preparation for his savage vengeance, Frank's feelings must have been less describable than imaginable, and less enviable than either, though I know my friend too well to suspect that he betrayed the slightest sign of any unmanly weakness. They reached the last point in the trail from where Frank's house could be seen, and Black Bill, turning the horses' heads, pointed back the way they had come, and said, his voice showing in a slight tremor his suppressed feeling of triumph, "Look, for the last time!"

That moment's respite saved Frank's life. Back at the house his wife, crouching against its door in half-stupefied terror at the blow about to fall upon her,—for she recognized too well the often described figure of the desperado, and needed small intuition to understand his purpose,—received a flash of inspiration that put a man's strength in her limbs. Quickly she sped up stairs to her chamber, and reached down with firm hands the heavy rifle that hung, always loaded, above the mantel. In haste she lowered the upper sash of the window, and rested the rifle across it. A quarter of a mile away the two figures were at the turn of the trail. There was no mistaking her husband's well-known form. But not long did she look upon the

familiar figure; with all her attention strained and centred upon one object, she took a hasty, but steady aim, and pressed the trigger. Her husband, taking a farewell of each familiar object, looking eagerly for a last sign of his wife, saw a puff of smoke from the house float lazily away on the breeze, heard a choking cry by his side, and turned in time to see Black Bill fall heavily from his saddle, and lie, stretched at full length, dead,—shot through the brain.

A meeting of the Athletic Club was held Tuesday, October 7th. The object of the meeting was the election of officers to positions left vacant by the non-return of members. E. Cunningham, '91, was elected President; W. C. Dart, '91, Vice-President; W. B. Trowbridge, '91, Treasurer. A. H. Alley was elected by '91 on the Executive Committee, and J. S. Parish by '92. It was decided to hold the three usual meetings during the year, special arrangements being made for the second. It was decided that sparring should be one of the events at the indoor games. There was also some discussion in regard to the present facilities for record breaking. A vote of thanks was extended to G. K. Hooper, '91, for the presentation of a 16-pound shot to the Athletic Club.

At a meeting of the Architectural Society last week, the following men were elected to membership: L. Feland, '92, L. V. Pulsifer, '92, B. L. Fenner, '93, G. B. Perkins, '93, W. E. Davis, '93, J. V. Dutton, '93, R. Meserve, '93. The proposition made by Professor Chandler for a course of lectures to be given by Boston architects was accepted. The Society offered a prize of ten dollars for the best drawings suitable for the two pages devoted to the Society by the "Technique." The following have entered into competition: Messrs. Carlson, Dutton, Donn, Koch, Ingraham, and Davis.



Technology, 10; Brown University, 8.

THE game with Brown University on the 8th was won by a narrow margin, the score standing 10-8. With fewer misplays and another referee, the team would have won a more decisive victory; as it was the game was almost lost by as poor an exhibition of football as was ever made by a Tech. eleven on the grounds. Brown played loosely, and frequently missed the ball; but Tech.'s play was a series of errors that made the crowd feel more like groans than cheers. The ground was bad after a soaking rain of two days, and the ball was wet and slippery. The Brown men played well for novices, while Tech.'s playing was an apology for such football as we ought to expect. There was too much talking and too much quarreling from both sides.

Brown put the ball in play just before four o'clock, and lost it after gaining ten yards. Tech. lost it on a fumble, and got it back on another, and rushes by Germer and Roberts made a gain of twenty yards. Tech. failed to keep the ball, and a long punt by Pierce sent it to the 10-yard line, where the Tech. full-back missed it, and it was downed by a Brown player. Aldrich made a good rush, and Pierce scored the first touch-down in ten minutes. The try at goal failed. After the ball was put in play from centre neither side made anything for some minutes. The Brown full-back finally got the ball, and punted it about thirty yards from centre, but the ground was nearly regained by a fine rush by Weis. Both sides were slugging more or less, Pierce and Burroughs being disqualified near the end of the half.

Tech. started the second half with the determination to make something. Foss, who had taken Weis' place at half-back, made two rushes that gained thirty yards, and another by Germer brought the ball close up to the Brown goal-line, and Germer pushed it over for a touch-down within three minutes of the beginning of the half. No goal was kicked.

For the next few minutes Tech.'s errors allowed Brown to have things its own way. Several times the ball missed the half-backs, when it was thrown out, and a Brown man secured it. Aided by this kind of play Dowd had no trouble in scoring the second touch-down for Brown. No goal. Soon after the kick-off Annandale was disabled, and Weis took his place as centre, Vorce coming on as tackle. Tech. gained ground rapidly, and Roberts made a touch-down from the 8-yard line, tying the score. Highlands kicked the goal, but the referee, who throughout the game had shown himself prejudiced and incompetent for the position, called no goal, obviously to prevent Tech.'s winning. Tech. claimed the goal, which was kicked fair, and protested against the decision, which was afterward acknowledged by the referee to have been due to a mistake in judgment. For the few minutes remaining Tech. made the best showing, Germer making the best rush of the game just before time was called.

Dowd and Pierce and Aldrich played a good game for Brown, and Kales, Roberts, and Gilbert for Tech.

The men lined up as follows: M. I. T.—rushers, Gilbert, Roberts, Harvey, Annandale (Weis), Highlands, Burroughs (Vorce), Kales; quarter-back, Clark; half-backs, Germer (Capt.), Weis (Foss); full-back, Walker. Brown.—rushers, Aldrich, Bowen, Webb, Beers, Filmer, Easton, Casey; quarter-back, Lindsey (Capt.); half-backs, Dowd, Babcock; full-back, Pierce (Drawbridge).

Referee, Grimes, Brown, '86; umpire, Beattie, Technology, '93.

Andover, 11; Tech., 4.

TECH. was defeated by Andover, at Andover, October 11th, at football by the score 11-4. It was our misfortune to have several of the Varsity men disabled, Capt. Germer and Vorce being absent on that account, and this necessitated playing substitutes.

The team left Boston at 12.30 P. M., accompanied by a number of students. Play was called at 3 P. M. Tech. made five yards on the V, and then lost the ball on a fumble. Woodruff rushed twenty yards, and the ball came to Tech. on four downs. Foss gained ten yards. Whiting rushed the ball fourteen yards farther into Andover's territory, and soon carried it over the line for a touch-down. No goal. The ball was at the centre of the field for remainder of the half. Score, Tech., 4; Andover, 0.

Auchincloss made twenty yards; Tech.'s ball on four downs; Foss and Whiting gain ten yards; Garrison kicked on the third down; Knapp returned. Tech. now had the ball at the 25-yard line, but lost it to Andover on a fumble, and Knapp kicked a beautiful goal from the field. Woodruff soon made twenty-five yards, and by good rushes by Colt and Knapp carried the ball over the line, and Knapp kicked a goal. Score Andover, 11; Tech. 4.

Time was called with the ball at Tech.'s 25-yard line.

The teams lined up as follows:—

M. I. T.—rushers, Kales, Batcheler, Evans, Weis, Harvey, Roberts, Gilbert; quarter-back, Clark; half-backs, Whiting, Foss; full-back, Garrison. Andover—rushers, Foster, Townsend, Ogelvie, Perkins, Taylor, Colt, Hinkey; quarter-back, Sheffield; half-backs, Woodruff, Auchincloss; full-back, Knapp.

The best playing for Andover was done by Colt, Knapp, Hinkey, Woodruff; for Tech., by Weis, Whiting, Gilbert, Roberts. Kales acted as captain in absence of Germer; Mr.

Hammond of Tech. was referee; Mr. Cox of Andover umpired.

Tech. showed lack of training in the second half, and Andover shoved our eleven about the field as they pleased.

If Technology is to have a glimpse of the pennant, our team must get in some much harder work than has been seen as yet.

Fall River, 0; Tech, 0.

THE eleven went to Fall River Saturday the 18th, and played with the local club a game which was characterized on Tech.'s part by weak playing and strong kicking. To the few Institute men who saw it, the game was a disappointing exhibition of a style of play that would not be tolerated on the home grounds. It was unfortunate in this instance that the eleven had no reputation to support, for a team of reputation would have yielded more gracefully to erroneous decisions, and much useless dispute would have been avoided.

The teams were evenly matched until the disabling of Kales and Vorce gave the Fall River's the advantage. Tech. played so many substitutes, however, that no conclusions as to the strength of the regular team can be drawn from the failure to score.

The game did not begin until nearly four o'clock, and it was agreed to play twenty-minute halves. Tech. put the ball in play, and gained about five yards. Fall River claimed four downs, and while the point was in dispute Tech. gained ten yards. Germer kicked and the ball struck a Tech. man, and went outside, and another dispute took place on the umpire's decision that the ball should go to Fall River for offside play. Tech. gained little by little, but did not get the ball at any time more than thirty yards from centre. About the middle of the half Vorce got a blow on the back of the head that prevented his playing further, and Kales was disabled, Burroughs and Clark going on as ends. Greer succeeded twice in getting through the opponents' line, but Tech. lost ground to Fall River several times for the

same reason. Cahill made a run of about twenty-five yards just before time was called, bringing the ball into Tech.'s territory. The half as a whole was in Tech.'s favor.

The second half was delayed nearly half an hour by Germer's refusal to allow Fall River to substitute a man at right guard when play commenced. Fall River began to force the game. N. Borden and Hawkins made several good rushes, and took the ball to Tech.'s 10-yard line, where Borden lost it. Tech. picked it up and put it in play, and before the Fall River men knew what was being done Germer got past their whole team, and after running the length of the field downed the ball between the posts. The touch-down was not allowed, for the reason that several Fall River men were off-side, and thereupon Tech. left the field. As Fall River did not claim the game at the expiration of five minutes, it was declared a draw.

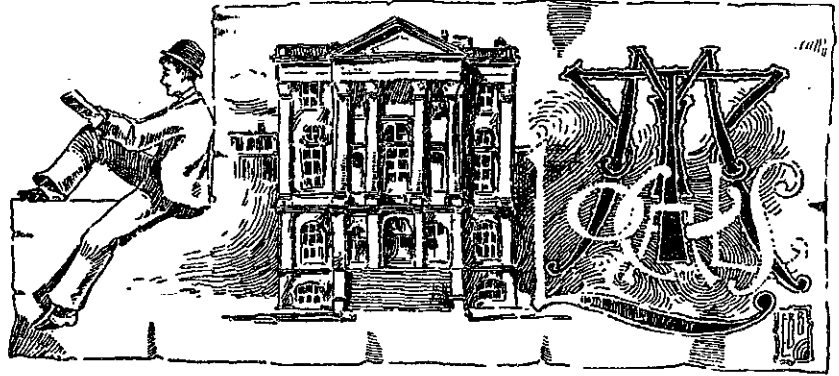
The time of the game was an hour and ten minutes, of which half an hour was actual playing.

The men lined up as follows: Fall River—rushers, W. P. Stevens (Capt.), Wilcox, J. Borden, Mathewson, Grime, Pierce, W. Borden; quarter-back, W. T. Stevens; half-backs, N. Borden, Cahill; full-back, Hawkins. M. I. T.—rushers, Vorce, Burroughs, Sutton, Highlands, Batcheler, Beattie, Greer, Kales, Clark; quarter-back, Noblit; half-backs, Germer (Capt.), Weis; full-back, Andrews.

Referee, H. D. Roberts, of Technology; umpire, F. A. Gee, of Fall River.

A Common Complaint.

I've a note at the cage,
And the envelope's square;
I'm quite in a rage.
I've a note at the cage,
But the "postmistress" sage,
Says there isn't one there.
I've a note at the cage,
And the envelope's square.



Who is captain of the eleven?

No Institute song has appeared as yet.

G. F. Dana will continue to lead the cheer for '93.

How about the change of color in the secretary's office?

Who is to be M. I. T. tennis champion this year?

The Senior Mechanicals have begun work in the Applied Mechanics Laboratory.

Roberts, '91, has had his jaw injured while practicing with the football team.

Almost time for theatre parties and class dinners.

'92 is going to have a class picture in "Technique."

J. C. Brown, W. H. Vorce, and A. F. Bemis, have been appointed on '93's auditing committee.

Mr. H. H. Wait read a paper on "Sensitive Galvanometers" at the first meeting of the class in advanced Physics.

Apparently no attempt has been made this year to form either a banjo club or a Tech. orchestra.

The "Technique" is progressing rapidly, and the editors have every expectation of bringing it out on time.

Mr. Charles Hayden, '90, and H. H. Young, '91, have just returned to the city from a four months' trip abroad.

Mr. J. M. Ferriday, formerly of the Class of '92, is now in the works of the Electric Welding Company at Lynn.

November 12th is the day set for the Sophomore-Freshman football game, which will be played as usual on the South End grounds.

Mr. A. B. Payne, Jr., '92, will remain this year at his home in Tennessee, for the sake of his health, returning next year to finish his course.

The football game arranged with Exeter for Wednesday, October 15th, did not take place, on account of the inability of a number of the eleven to leave the city.

Athletic Club membership tickets may be obtained of the following: Cunningham, Spencer, Trowbridge, Dart, Alley, '91, Parish, '92, Beattie, '93.

Last winter was warm, but the coming one is expected to be cold, and productive of much ice. Now is the chance for '94 to organize a hockey team.

The tennis tournament has at last been started. Honors are expected to fall to the Freshmen, as all of the prominent players of last year have left the Institute.

Some of our amateur pugilists are wondering whether or not the honorable Board of Aldermen will refuse to license the indoor meetings this year.

None of the class societies now in existence seem to own pins. Ninety-two is supposed to have one, but it is never "met with in practice."

The Biological Club held its first meeting on Thursday, October 16th. A paper was read by Dr. E. G. Gardiner on the "Color Changes in Mammals."

The Civil Engineering Society has elected the following executive committee: F. S. Knight, '90, C. F. Hammond, '91, and J. G. Barri, '91.

The prospects of the football team are not quite so bright as they were. Beattie and Kales are both suffering from an injured knee, Har-

vey had his nose broken, and some of the other players are on the sick list.

The Hammer and Tongs had their first meeting of this year Wednesday, October 15th, in Room 11, of Rogers Building, for the purpose of choosing the place to hold their first dinner. Hotel Vendome was settled upon.

A meeting of '94 was held in Huntington Hall, Monday, October 13th. Matters concerning the class eleven and the constitution were considered, and committees appointed. It was decided not to have permanent officers elected until some time after Thanksgiving.

The Photographic Society has elected the following officers: H. L. Brand, '91, President; J. G. Thompson, '91, Vice-President; W. H. Adams, '91, Secretary; C. W. Aiken, '91, Treasurer. An exhibition will be held later in the term.

The Class of '92 met Saturday, October 11th, and elected the following officers for the coming year: F. H. Meserve, president; G. V. Wendell, vice-president; Severance Burrage, secretary. A committee was chosen for making the necessary arrangements for a class picture.

The Civil Engineering Society held a meeting in the New Building, Thursday evening, October 16th. Those present were addressed by Prof. G. F. Swain, on "The History of Bridge Building." The talk was illustrated by lantern views of the more remarkable bridges of the world.

The Appalachian Mountain Club held its first meeting this year in Rogers, Wednesday afternoon, October 15th. A description of an ascent of Monte Rosa was given by Mr. A. L. Lowell. Miss M. E. Hardwick read a paper on "Glimpses of Alaska." A number of new members were elected.

The Hammer and Tongs had their first dinner Saturday evening, October 18, 1890, at the Hotel Vendome. Mr. Cunningham,

'91, presided, and with a large number of graduate members, together with a full attendance of active members present, the evening was in every way a jolly one.

An amendment, to be known as Article XVI., has been added to the constitution of the Athletic Club. It reads as follows:—
 "A record made by a member of the Massachusetts Institute of Technology Athletic Club in games not held by that club shall stand as an Institute record if approved by the Executive Committee."

W. R. Kales has been elected captain of the 'Varsity football team. As the duties of this position will occupy all his time, he has resigned from the "Technique" Board. F. G. Coggin, Jr., is now editor for Societies. All lists and other matter for his department should be put into the "Technique" box on or before November 8th.

There was a meeting of the directors of the Co-operative Society in Room 11, October 13th. The Society is in a flourishing condition, and gives two scholarships this year. It was agreed to renew, if possible, the contract with Maclachlan for carrying on a book exchange. The Society severs its connection with the lunch-room, which is now being run by the Corporation.

Williams and Amherst have both made a remarkably good showing against Harvard this year. If we are to have a chance for the football pennant, the eleven must have more solid practice than they have yet had, and must be well supported by the Institute as a whole. All the members of the league have excellent teams in the field this year, and interesting games may be expected.

On Saturday, October 11th, the Freshmen attempted to hold a class meeting in the Gym. As is quite natural, some '93 men, desiring to see operations, were also present. An attempt made to call the meeting to order was followed by a series of would-be rushes, which greatly

disturbed the proceedings. The Freshmen succeeded in electing Mr. Stevens president, and Mr. Tarbox secretary, both to serve temporarily.

The book exchange at Maclachlan's will be continued. Any member of the Institute can leave a book here to be sold. Sixty per cent of the original price is charged to the purchaser, ten per cent is taken out for commission, and the fifty per cent given to the seller. The privilege of these prices is good for those only who are members of the Co-operative Society. It is hoped a great many will take advantage of this arrangement.

On Friday, October 10th, the surrounding streets were occupied by a vast army—an army of temperance leaguers. The companies were composed of the usual dissipated-appearing reformers and numerous herds of children arrayed in vari-colored pajamas, or some such form of apparel. The army was accompanied by several bands, and served as a great attraction for small waifs. All this confusion detracted somewhat from the regulation Institute grinding, but offered fine chances for the usual fall sport of tossing pennies from Rogers steps and watching the resulting game of miniature football on the sidewalk below.

The Sophomores held a meeting in Room 11, Friday, October 10th. The chief object of the meeting was in regard to football. The following officers were elected: M. Gorham, manager of the eleven; J. C. Noblit, captain. It was fully agreed that '94 should not be "in it." Some discussion was carried on in regard to having two or three days' vacation at Christmas instead of at Thanksgiving. The general desire, however, was to have two or three days at both times. An auditing committee of three was appointed to look over the accounts of the baseball and football managers, and of the class treasurer. E. G. Pease was elected sergeant-at-arms. The meeting then adjourned.

College Notes.

Colby is to abolish the co-educational system.

Williams has three football teams in constant practice.

Eighty-four men are trying for the Harvard Freshman crew.

A cadet at Annapolis has been court-martailed for hazing.

Bowdoin has received \$1,000 from Robert W. Wood, of Boston.

Every man on the Exeter football team is from the middle class.

The majority of the Freshman crew at Yale are from St. Pauls.

The cost of the new gymnasium at Brown University will be \$51,000.

Both Yale and Princeton start the season with four of last year's team.

There are one hundred men in the Freshman class at Brown University.

The Yale baseball management had a balance of \$3,334.67 from last spring.

A new department in electrical engineering has been started at Johns Hopkins.

President Gates, the new President of Amherst, will assume his duties November 1st.

The Freshman class at Harvard this year contains about 375 students; that at Yale about 400.

Fifty-three Freshmen are registered at the University of Rochester,—the largest class in its history.

The Brown Athletic Association has offered a silver medal to all who break records at the fall field day.

Amherst College has received a bequest of \$40,000 toward the professorship of Greek and Sculpture.

A new society has been formed at Tufts to further the interests of the engineers in college politics.

Columbia College is to have an Athletic Union, which will have control of all the college athletics.

The Harvard Faculty has refused this year again to allow the Glee Club to make a trip during the Christmas Holidays.

The five men of Yale's football team of last year who will not play this year are Gill, Newell, Hanson, Stagg, and McBride.

The French have sent a commission to America to examine our system of college athletics, with the view to adopting the same.

At a meeting of the Trustees of Columbia University, President Low reported that recent gifts had been received by the college amounting to \$36,950.

At Princeton, all the class hare and hound clubs have been organized into one university association, called the Cross-Country Run, to develop long-distance runners.

The Lehigh eleven has canceled its game with Harvard, owing to the action of the Lehigh College Faculty forbidding the team to leave town in the middle of the week.

The Harvard summer schools were a great success this year, having fully one-third more students than ever before. The students came from all parts of the country.

The following members of Harvard's football team, are on the injured list: Dean, Upton, Shea, Cumnock, Frothingham, and Blanchard, '94, a promising candidate for right guard.

Trinity College opened with thirty-four Freshmen, a slight falling off from last year's figures. They have begun training a football team, and have arranged already to play several games.

Thomas Pettitt has surrendered the court tennis championship of the world and presented it to Saunders, of England. Pettitt says he is unable to afford the time necessary to defend the title.

The University of Michigan has 920 students in the Literary department, of whom 457 are there for the first time this year. The Freshman class in the Medical School there numbers 115.

The graduates and undergraduates of Harvard are trying to raise \$100,000 for a new reading room, as the present library building cannot be lighted evenings on account of its not being fireproof.

The Seniors won the Dartmouth field meeting with 65 points. The Juniors won 64 points, the Sophomores 26, and Freshmen 37, and "Medics" 25. Potter, '92, made four new college records.

A pledge of \$1,000,000 to the new Baptist University of Chicago was conveyed to the Trustees of the Institution in a letter from John B. Rockefeller, who has already given to the University \$600,000.

The Class of '91 of Hobart has presented a "challenge cup" to be competed for annually by the Sophomore and Freshman classes. The events include a cane rush, baseball game, tug-of-war, middle-weight wrestling, and 100-yards dash.

The Trustees of Phillips Exeter have granted the students a building on the campus to accommodate candidates for the teams. The building, consisting of three rooms, two of them containing lockers, and a third furnished with water apparatus, will be commenced in a few weeks.

A Northern Oratorical League has been organized by the Michigan University of Ann Arbor, the Northwestern University, Oberlin College, and the Wisconsin State University, of Madison. An annual contest will be held in May of each year, at which two prizes will be awarded; one of \$100, the other of \$50.

A new benefaction of \$100,000 from Mrs. Susan Brown will enable Princeton to build another dormitory similar to that now being

erected on the campus. The latter is also the gift of Mrs. Brown, and will be named for her brother as the "Albert Dood Hall." The new dormitory will be called the "David Brown Hall," after the husband of the generous lady.

The Minnesota State University is endeavoring to establish its ownership to a seventy pound aerolite which recently fell near Forest City, Ia. The aerolite is claimed by the owner of the land on which it fell, and by the University, which purchased it of the tenant. An interesting legal question is involved. The University was defeated in its replevin suit to recover the property, but has appealed.

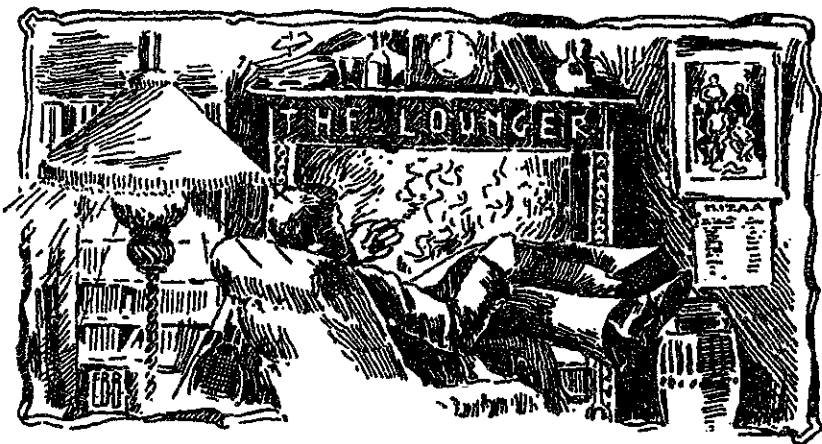
At a meeting of the management of the Yale and Harvard navies, held at Springfield, the question was discussed whether or not it would be better to leave New London, and have the University race elsewhere. Both sides seemed to have considerable feeling against the railroad authorities at that place. Nothing was done further than a discussion of what advantages other places had to offer.

"Oh, glorious tress of woman's hair!"
The poet said.
She laid it on the back of a chair—
And went to bed.

—Trinity Tablet.

In a poet's hand a flower lay;
It was a violet so blue.
It chanced a lady passed that way
To clasp her hands and gently say,
"How lovely is its hue!"
The poet smiled, and went his way.
He met my lady's maid,
And showed her where the violets lay,
That she might pluck, at break of day,
And wear them as he bade.
My lady's maid was up betimes,
The violets in her hair;
And while she read my lady rhymes,
My lady saw them forty times,
Yet knew not they were there.

—Harvard Advocate.



ONCE more the tennis courts have been marked and somewhat smoothed, and again a chance for distinction is offered to the devotees of the racquet. We all hope to see an interesting tournament this year, and, if one may judge from what has already been seen of the playing, the winner will have to work unusually hard. It is quite remarkable how much the average tennis playing here at the Institute has improved during the past year or two. To be sure, we have at present no "cracks" such as Hoppin and Williston were in their day, but it is very doubtful if either of these men would be considered remarkable now, provided they played no better tennis than they did when at the Tech. Very few people appreciate how wonderfully the playing of the champions has been changed for the better. No other branch of athletics can show such a marked improvement in so short a time,—not even football. This is partly due, I suppose, to the fact that tennis can be, and is, played all the year round, while almost every other game is limited to a few months of the year.

Whether or not the Tech. players are keeping up with the crowd, is a question that must be left to individual judgment; it would be rash to attempt to decide such a point off-hand. But, leaving this question aside, it is an undisputed fact that the Tennis Association has hitherto managed to gather a most singularly unique collection of youths to mark out the tennis courts. The present incumbent of the position of court-marker does not appear to be so remarkable as were his predecessors; he seems to be able to mark a fairly straight line, and have some intention of being around when he is wanted. He has a rather uncommon way of draping wire back-nets, but that is no doubt due to

inherent artistic taste. The palmy days when T. Pettitt's own first cousin drew fancy figures in whitewash on the courts, under the vague impression that he was marking them properly, have gone. Like the New England football championship, they may never return; we can only look back on them and glory in the past.

So far this year we have certainly had hard luck in football. To have to give up the game with Exeter because there were only four of the regular eleven able to play, was unfortunate in several ways. It is bad to have to break a date with such a team as Exeter, but it is doubly bad to have the team in such a crippled condition. That so many of the rush-line should be laid up seems like a special dispensation in favor of Dartmouth. All we can do is to hope that the injured men will recover as rapidly as possible, and that, any how, we can manage to win the championship in spite of hard luck.

The recent attempt of the Sophomores to break up the Freshman class meeting in the Gymnasium, recalls to mind the time when '87 and '88 rushed each other in the corridors and on the steps of Rogers. Eighty-nine and '90 were the last to give any examples of rushing in the Institute buildings, and the good sense of the later classes in abandoning their predecessors' customs, and in restricting themselves to the annual rush at the football field, has been much applauded. The judgment which approved of the discontinuance of class demonstrations within the limits of the Institute buildings, certainly declares the action of the Sophomores in attempting to forcibly break up the Freshman meeting to be ill-judged and in poor taste.

The Junior.

In the lecture on heat
 He always feels tired;
 So he brings things to eat
 In the lecture on heat.
 When they find his deceit,
 From "heat" he'll be fired.
 In the lecture on heat
 He always feels tired.



A Senior nursing his first mustache,
A Vassar maiden on the "mash."

Quoth he, to chaff her: "I've heard they row,
Play baseball, swim, and bend the bow;
But, really now, I'd like to know
If they play football at Vassar?"

He smole a smile that was sharp and keen,
She blushed a blush that was hardly seen,
And thought him just a little mean,
Thus trying to surpass her.

But she straightway blushed a deeper red,
While the sunlight danced on her golden head;
With an artful look in her eye, she said,
Gazing modestly on the ground:

"'Tis awfully rough to tackle and run,
And one's complexion is soiled by the sun;
But once and awhile, for the sake of the fun,
At Vassar we do touch *down*."

The Senior nor left, nor fled his place,
But "tackled" her gently about the waist;
She whispered, "Held," with a winning grace,
And then touched *down* for safety.

—*The Lafayette Ex.*

Sing a song of Freshman
Coming up to college,
Thinking what a lot he knows
In every branch of knowledge.

But when exams. are over,
And he has "flunked" them all,
He will then discover
His learning's very small.

—*Columbia Spectator.*

"I saw her coming down to-night,
So beautiful, and calm, and white.
The pale moon shone upon her there,
The rippling beach was bright and fair.
A chair? And are you tired of this?
But can't I have another kiss?
Why didn't I stay with her there?
And are you jealous? Well, I swear!
That's one on you, Bess, is it not?
I simply spoke, dear, of my yacht."

—*Brunonian.*

AT EVENING.

The sun had kissed the western wave,
And bade the world good-night,
While in the sky the little clouds
Hung blushing at the sight.

The little waves came laughing in
From out on the rolling sea,
And paused a moment on the sands
And kissed them merrily.

The evening breezes gently played
About the boulders bare,
And kissed their loneliness away,
And lingered fondly there.

A youth and maiden walked the while,
I tell no wondrous deed,
When twilight's shadows kissed the shore,
He followed Nature's lead.

—*Williams Weekly.*

A FALLEN IDOL.

I dashed cold water in her face,
Because the girl had fainted;
And found, alas! in woman's case,
She's not as she is painted.

—*Brunonian.*

The church was burning. Flames of fire,
Fanned by the East wind's fiendish ire,
From door and window broke;
And as he watched the curling wreaths
Mount up to heaven from spire and eaves,
He murmured, "Holy smoke."

—*Brunonian.*

"OLE CLO'ES."

I dink her gollege built fer me,
I vanders all about;
I knocks kervite softly on der doors,
To see if dey is out.

I dry der knob; and, if unlocked,
I valks in gust to see
If any of dose gareless men
Has left some glose for me.

I gathers in vat ere I vind,
Olt trousers or dress cloes;
I hastends vith dem down der stairs,
Und kervick vor Gort Street goes.

I always make it strict my rule
To zerch on all der shelves.
I believes dot "Brovidence helps dose
Who always helps demselves."

—*Yale Record.*