

THE TECH

VOL. XXXI. NO. 5

BOSTON, MASS., SATURDAY, SEPTEMBER 30, 1911

PRICE TWO CENTS

FRESHMEN PUT FULL TEAM ON FIELD.

First Football Practice Shows Some Excellent Material in the Squad.

The first practice of the 1915 football team was a grand success from the manager's point of view, for there were just eleven men who were in their togs at the minute. Every man of them had had a good amount of football experience and was ready to jump into the preliminary work with a will.

W. N. Elchorn is acting as coach for the time being and is putting the squad through its first stunts. Elchorn was one of the stars of the 1913 team and should be able to pull the team together and give them a good start. chance for a fine team among the newcomers at the Institute and he is looking forward with much pleasure to the prospects of seeing the 1915 team get another triumph on next Field Day.

A full team for the first day of Freshman practice is a record for the lower classmen as a rule very slow about turning out for their team in the first place. And as a rule the practice runs along for several days before the men get up their courage to come out and face Tech Field. This year, however, they seem to have their courage right with them and are showing up in good shape from the beginning instead of allowing the Sophs to get a good start on them.

The men who reported at the Field yesterday in their suits were: E. M. Loveland, K. E. Boynton, R. L. Fletcher, G. Haslam, J. Duff, Jr., H. E. Hadley, W. B. Kelleher, A. S. Morrison and R. M. Rennie.

DALRYMPLE ELECTED VARSITY TRACK CAPTAIN

At a meeting of the Institute track team, held in the Union this afternoon, Philip W. Dalrymple, '12, of Medford, was elected to the position of Varsity Track Captain, which was left open by the failure of H. C. Watkins to return to the Institute this fall.

Mr. Dalrymple is one of the best high jumpers in the country, having tied for first place at the I. C. A. A. A. meet at the Stadium last spring, and in this way won the first points ever taken by a Tech man at the at the big meeting. He is a man who has been developed by Coach Kanaly since he has been at the Institute. His first big victory was in the dual meet with Wesleyan in the spring of 1910, and since that time he has steadily improved to the high standard which he showed in the meet at Harvard last May.

In addition to his high merit in the athletic field he has done fine work in the other Institute activities. He is a member of the Mechanical Engineering Society, and a very prominent member of the Aero Club. He has long been a member of the Athletic Association and is at present one of the representatives from that body to the Advisory Council on Athletics. Mr. Dalrymple's fraternity is Phi Beta Epsilon.

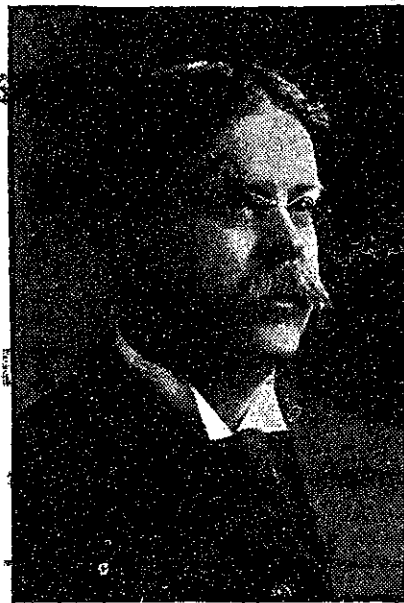
In his Sophomore year Dalrymple was elected to the 1913 Technique Electoral Committee, and from that body was elected to the position of Statistician. In this position he made good and was one of the most diligent workers on last year's Technique Board.

BIOLOGICAL RESEARCH WORK DURING SUMMER.

Eggs Bacteriologically Examined by Department Experts' Poison Squad.

The B. F. Keith Company of Boston, wholesale dealers in eggs, were recently sued by the government on the ground that the product they were marketing was unwholesome. Experts connected with the Institute satisfied themselves that the eggs were not unwholesome, and believing that the discrimination of the government department of chemistry was entirely technical and unjust, gave such overwhelming testimony to support their belief that the government suit was lost.

Some very interesting facts were brought out by the Institute experts, and the B. F. Keith Company, desiring to go into the matter further, donated to the Institute a fund of \$5000 for a bacterial and chemical investigation of eggs under varying market conditions, with a view to determining their general wholesomeness. The sole condition was to be, that whatever results were obtained, should be promptly published and in a manner



PROF. SEDGWICK.

calculated to secure their wide dissemination. Their objects in aiding the investigation are: (1) to establish as sound and scientific basis for the egg industry, and (2) to solve, if possible, certain problems relating to egg supply and the public health which have gradually arisen in connection with the growth of population in the United States, improvements in methods of transportation and conservation of foods and the administration of the pure food laws.

Accordingly, early in June, the work was started under the able guidance of Prof. William T. Sedgwick. The services of Prof. S. C. Keith, Drs. Stiles and Howe, and Mr. Schneider of the department were enlisted. Five undergraduates were hired to assist in the work, C. A. Magoon, J. I. Murray, M. Levine, E. E. Smith, and M. Lewis, all of Course VII. With the exception of Mr. Schneider, who carried on his work at the Seymour Packing Company in Topeka, Kan., the work was done in the Biological and Chemical Laboratories of the Institute, and the works of the B. F. Keith Company. Mr. L. W. Waters, of the Chemistry Department, did all the chemical analysis and attained some remarkable results.

(Continued on page 2, column 1)

ANNUAL RECEPTION BY CHRISTIAN ASSOCIATION.

Freshmen At First Social Gathering Of This Year.

Last night, in the Union, President Keith of the Technology Christian Association called the annual reception to the new men to order. After welcoming the class of 1915 to the T. C. A. and again to the Institute, he urged everyone present to continue their interest in the affairs of the undergraduates at Technology. Then he called upon the heads of the most important among the student activities to give short outlines of the work done by their respective activities.

Captain Dalrymple of the track team was the first speaker, and he opened his plea for the Institute activities by saying that they are in existence to put the otherwise lacking pleasure into the life of the undergraduates. He urged men to come out for the track, especially because athletics gets one away from his daily work more than any other activity. The track team is in great need of candidates, as only nine of last year's team have returned to the Institute. The work generally requires about six hours a week, distributed among three afternoons. The team and the captain stand ready to welcome every candidate, and you are urged to try at least, for no one knows what he can do till he tries.

Partridge, the general manager of the Combined Musical Clubs, followed with an explanation of the organization, its needs and its plans. The various clubs have been in existence for many years, and the central organization was formed in 1886, since which time it has always been in good financial shape, with the exception of two years. This year the prospect for the clubs is fine, but they will have to secure some new men to fill the positions caused by graduation. The coaches of the individual clubs—Glee, Mandolin and Banjo—will be present at the trials, so a position once gained may be considered almost permanent. The first meeting is to be held October 10, in the Union, when the plans for the many concerts will be given out. The principal concerts this year are to be the winter concert in early December, the spring concert during Junior Week, the Combined concert with Wesleyan in February, and concerts in Wellesley and at Northampton. The management also plan for a long trip at mid-year, which can not be well outlined at this time.

Next on the bill came General Manager Woehling of our big activity—Tech Show. He said the Show had grown from a mere minstrel show in Huntington Hall to what is acknowledged to be the best college show in the country in the short time of fourteen years. Tech Show tries, first, to bring men of all sorts together, and second, to give financial support to our Athletic Association. He said the keynote of the Show was competition, all music, all writing, all the positions and offices are decided by competition among Tech men, and the only professionals were the coach and the musical director, with his orchestra. The Show management is divided into three parts, whose fields are evident from their names, business, publicity and stage. There is room in every one and also time to help with the book, for it has not yet been picked for this year's play. If you have time try to write one for us and get it in by November 15th.

TECH ORCHESTRA'S FIRST REHEARSAL.

Plan Trip to All Large Cities During Christmas Holidays—More Men Needed.

On Thursday afternoon Mr. Eksbergian, 1912, called together the men for the first orchestra rehearsal of this season, which, by the way, appears to be the best yet in the history of the organization. Many of the men who were on the orchestra during last winter did not report for some reason. Those who did report are: Eksbergian, '12, leader; Eisenberg, '12, concert master; Hall, '13 and Brown, '13, pianists; Schwartzburg, '13, Eisenberg, '12, Nostrel, Best and Kerstein, '15, violinists; Frye, French, horn; Smith, '13, flute; Fuller, '13, and O'Brien, '12, clarinet; Brooks, '13, Devine, '13, and A. J. Habin, 'cornetists, and Wolfe, '12, and Peck, '13, drummers. In all this list of men there are only three men from the class of 1915. Surely this incoming class can make a better showing than this. All are welcome at the rehearsals, and men are needed who can play the violin, viol, cellos and the double bass instruments, besides men for the other small instruments like the flute.

Manager Brooks is arranging a very attractive schedule. The first public concert will be given at the Somerville Y. M. C. A. in the early part of December. A long trip, to last six days, is being arranged for the holiday vacation.

1915 DINNER TONIGHT.

Steward Colton has prepared for the dinner of the Class of 1915 tonight at the Union the menu given below. If this does not tickle the palates of the most fastidious we will add that Prof. Colton is going to put out for this dinner "the kind that Mother used to make." Enough has already been said about the speakers, and they will all be there bright and early to speak for themselves, and take it from me, they always outdo themselves when speaking to the members of the entering class. The menu:

FRESHMAN DINNER.

Saturday, Sept. 29, 1911, 6.30 P. M., Union Dining Room.

Cream of Tomato Soup.
Olives. Rolls. Radishes.
Boiled Halibut. Egg Sauce.
Sliced Cucumbers. Potato Windsor.
Roast Tenderloin of Beef.
Mushrooms.
Mashed Potato. Green Peas.
Cheese and Crackers.
Coffee.

CALENDAR.

Saturday, September 30.

2.10. Leave Back Bay Station for First Hare and Hounds run at Hyde Park.
3.00 Track Practise at the Field.
3.00. 1914 vs. Worcester Academy—Football.
4.15 1914 Football at the Oval.
6.30 "THE TECH" Dinner to Freshmen.—Union.

Monday, October 2, 1911.

3.00. Track Practice at the Field.
4.00. 1914 Relay at the Field.
4.00. Meeting Candidates for The Tech.
4.15. 1914 Tug-of-War at Gym.
4.15. 1914 Football at Oval.
4.30. 1915 Football at Field.

THE TECH

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SATURDAY, SEPT. 30, 1911.

THE TECH will call for candidates from the new men for every department of the paper to meet in the Lower Publication Office Monday afternoon at 4 P. M. The heads of all the Departments will be there at that time and explain to the men the workings of the different parts of the paper and the chances for the new men on the work at the present time. A formal call was issued at the reception last evening and will be repeated tonight at the dinner, and it is hoped that a large number of men will avail themselves of this opportunity of gathering in both business and editorial experience along with their technical training.

The stand taken by the Sophomore Class at their recent class meeting abolishing any official class demonstration such as the kidnapping of the Freshman President and the so-called "Freshman-Sophomore Rough House" of past years, appears to be the logical move in furtherance of the policy started three years ago, when the Class of 1911 abolished the "Horse Play," known as the "Night Before," at the Tech Field at Brookline. This was done because of the injection of "Brookline toughs" into a purely personal contest.

The "Kidnapping of the Freshman Chairman" can be taken part in by only a few fellows, two or three at the most, and this feature alone makes it an unsatisfactory one. Furthermore, it is a childish pastime and the undue newspaper notoriety which it gives both the Class and the Institute in general has anything but an uplift in its makeup.

There is no doubt that there is considerable fun in the "Rough House" after the dinner, but, after all, is it worth the while? If there is any continuance of the conflict of future years, the Class will get the full credit for the actions of the few misguided ones who do not see fit to abide by the vote of their classmates and proceed to start things going.

Let us hope that every Sophomore will abide by the decision of his Class and refrain from hazing in any form whatsoever.

BIOLOGICAL RESEARCH

(Continued from page 1)

About the most interesting research carried on was a run on 2000 factory eggs, 200 eggs being "planted" each day. This necessitated that there should be ready in regular order every night the following clean and sterile apparatus; 400 egg jars, one for white and one for yolk of the separate eggs; 200 dilution bottles filled

SPECIAL SOPH FOOTBALL PRACTICE TODAY AT 2

The Sophomores are going to have a special football practice this afternoon at the Oval at two o'clock. The manager says that weather conditions will not enter at all; there will be practice rain or shine and he wants to see every member of the team in his suit at that hour.

The men will get their first signals at this time and for that reason it is very important that every one should be there and be on time. They have some new formations ready to give out and they are of such nature that men who do not know them cannot run through with them.

Thursday afternoon there was a fine showing and there should be even more men at the Oval this afternoon to get onto the signal work. The schedule is one that will take a lot out of the men and for that reason there will be a large squad of men kept this year. That means that if you are not good enough to make the team you can help the class almost as much. The first team will have to have a second bunch of men to work against every day and somebody will have to be goats. You all have a good chance to make the team and it is up to every man who is a member of the class of 1914 to do something towards a victory at the Field on the third of November next. The first thing that comes is this practice of the football team this afternoon at the Oval; put on some old clothes and show up there at two o'clock and have a record bunch of men out.

each with 100 cc. of salt solution; 400 Petri dishes; 800 pipettes, and 20 bottles of Agar. As fast as a jar or bottle was used it was promptly washed and sterilized ready to be put out again for the next day's work. By rigorously systematising all operations, it was possible to keep this schedule, the work lasting from about 7.30 A. M. till dark.

The need for filling so many dilution bottles with a measured amount of salt solution gave rise to the invention of a very clever bottle filling machine by Dr. Howe. After much patience, thought and many trials, the successful machine was finally evolved. With it a row of eleven bottles as they stand in a sterilizer tray may be filled with two simple motions, and the tray pushed on to bring the next row into position. This invention reflects great credit upon its inventor and expedited what would otherwise have been a laborious and time-taking process.

NOTICE.

I WANT to see in the lower Tech office on Monday afternoon, at 4 o'clock, every man now in the Institute who thinks that he would like to work on The Tech. The men in charge of the different departments will be there and you can talk over things and get started on the work of the year. You are welcome to come and hear what we have to say, even if you don't want to work on the paper, but we WANT YOU WITH US.

L. W. CHANDLER,
Managing Editor.

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NOTICE.

All men, candidates for any depart-
ment of THE TECH, will report at the
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afternoon, October 2, at 4 P. M. The
heads of all the departments will be
there at that time to explain the vari-
ous phases of the work. We can use
all who report.

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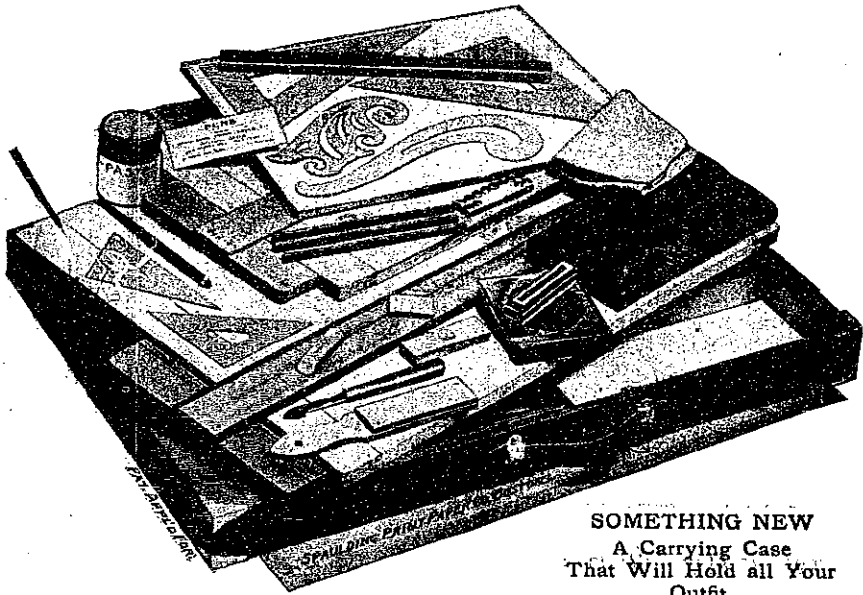
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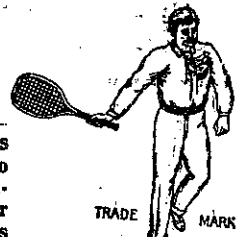
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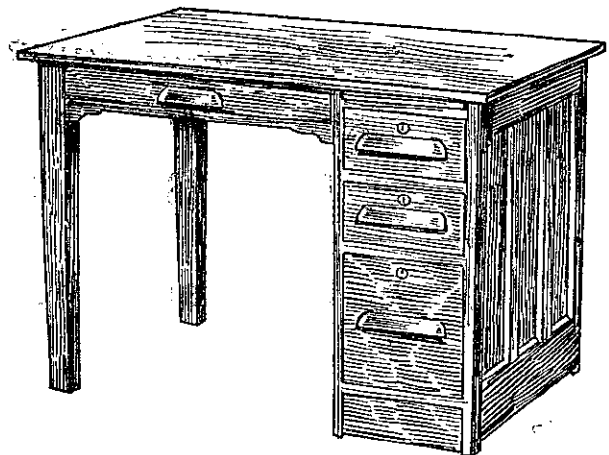
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