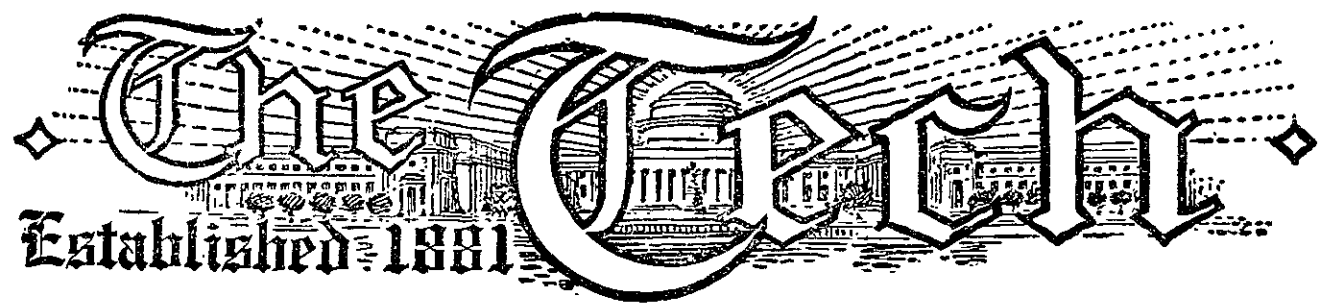




A Record of
Continuous News Service
for 43 Years

Official
Undergraduate News Organ
of Technology

COMBINED DRIVE REACHES QUOTA TOTAL \$4413.93

Twenty-one Fraternities and
Dorms Reach 100% Mark in
Drive—Courses High

ANONYMOUS OFFER MADE TO MATCH CONTRIBUTION

Committee Well Pleased With Outcome—Beats Past Two Years' Record

With \$4413.93 contributed, the Combined Drive made good its aim of \$4000 to be divided among the T. C. A., the Red Cross and the Student Friendship Fund. The freshman class had the largest number contributing with exactly 75 per cent of its enrollment, making donations. The Sophomores were next, followed by the Seniors, with the Juniors last.

Many pledges have been made to the drive. Quite a few of them have already been redeemed and the committee requests men still holding pledges to redeem them as soon as possible so that the records may be cleared up. Course IX still holds its lead with Course XV second. The other courses are about on the same average of contributions.

How the Money is Divided
Twenty-one fraternities have a standing of 100 per cent, with the others close behind. The four halls in the dormitories are also very high with two of them having a 100 per cent contribution. Expenses of the drive amounted to \$160 so the remaining money will be divided as follows: T. C. A. \$2000; Student Friendship Fund \$1413.22; and the Red Cross \$810.71. The drive was more successful than any previous ones, as last year the three charities collected only \$4044 and the year before \$3937. Only a few students specified which charity their contribution was to go to.

FREE FOR ALL DRAWS BIG CROWD IN WALKER

Seniors Make Merry with Dance Favors and Music

The Senior Free-for-All was well named, at least in one sense, for the Main Hall of Walker was more crowded last Friday evening than it has been for many a day. No estimate of the number present was made but the hall was very full throughout the entire program.

Dancing was the chief attraction of the evening. A ten-piece orchestra of the Musical Clubs furnished music for the dancers throughout the evening and according to reports, did a good job of it. Refreshments were served about ten o'clock.

Streamers, balloons and a variety of noise-makers were distributed to the dancers about 11 o'clock, and served to keep the merriment of the evening at its highest point.

AMES STREET BLOCKED BY REPAIRS ON MAIN

Ames Street is still in a bad condition due to the unearthing last week of the steam main which supplies heat to the Dormitories and to President Stratton's residence. It is expected that the necessary repairing of several small leaks which were discovered will be finished this week. During the operations, some trouble with seepage water was encountered since the main is four feet below the river level, but as soon as pumps were put to work, the possibility of delay was eliminated.

The approved Examination
Schedule will appear in the next
issue of THE TECH.

M. E. SOCIETY VISITS RUBBER PLANT TODAY

The Mechanical Engineering Society is taking its first trip today to the Boston Woven Hose and Rubber Company. The party will leave the main lobby at 2 o'clock and will walk to the plant. There will be special guides there from the company to show the men around. All those who wish to go are requested to sign up if possible on the bulletin board in the main lobby sometime before 1 o'clock.

There will also be a meeting of the Society Wednesday in room 5-330 at 5 o'clock. The Robins Belt Conveyor Co. is sending a lecturer to the meeting with some very interesting motion pictures. The meeting is open to everyone.

SNIQUE SYSTEM IS UNEARTHED

Daring Scout of THE TECH Reports on Technique Practice

At the risk of death and permanent injury one of the bravest of THE TECH's scouts trailed the Technique battlers to the scene of their lowly practice. Like the slimy scullions that they are they slipped from one end of the field to the other. In vain would the football, with misguided loyalty, attempt to remain within the grasp of the Sniqueing warriors. Time and again did the low coefficient of friction between slimy palm and tough pigskin get in its deadly work. The ball was outwitted—Snique was at a standstill.

The following statement slipped from Chuck Knight, king of the Sniques: "Nothing can stop us! Exultation flows within my breast when I think of the way THE TECH will be outwitted. You see we are all letting our fingernails grow, and will dig them in to the virulent pigskin. Naturally we are too slimy a crew to hold on to the ball any other way, but my genius has solved the problem. I am sure we will come sliding through."

GROUND KEEPER FOILS TECH SUNDAY PRACTICE

Jim Pierce Sleeps on While Cohorts Work

Another insult has been heaped upon the shoulders of the noble gridiron warriors of THE TECH. Full eleven strong they reported yesterday morning to another of their now world famous "secret practices." The football field was reached and the strong, silent men of THE TECH prepared to prepare for the impending battle with the lowly Snique.

All was set when the veteran guardians of Tech Field appeared. Argument was in vain. The purveyor of the edits and the Lounger both were absent, so what chance was there? Off the field were marched the brave, modest lads. The klan gathered to the News Room that the profanity of their disappointment might not blue the Sunday air of this discreet metropolis.

The next act was to call up Jim

TORONTO PROFESSOR TO LECTURE AT INSTITUTE

"Path of Balls in Ball Mills" to Be His Subject

Professor H. E. Haultain of the University of Toronto will give an illustrated lecture on "The Path of Balls in Ball Mills" on Thursday, November 22, at 4 o'clock in room 5-330 to which all interested are invited.

The subject, which is of great importance in crushing and grinding operations in the mills, has been thoroughly investigated by Professor Haultain in his laboratory in the University of Toronto so that by means of lantern slides and slow-motion pictures he is able to give an exposition of the subject which has never previously been obtainable. The lecture is one of a series on the same subject which the professor is giving on his two weeks' tour of the various engineering schools.

Initiating Season Swamps Carpenter Shop with Orders

Demand for Paddles so Great that Men Work Overtime

Orders for paddles have been coming in to the carpenter's shop almost every day recently, and one night last week there was a man working on them until eight o'clock. Nine organizations have ordered a total of 177 of the weapons so far this year.

If nine groups require 177, then the fifty odd fraternities and honorary societies must need over a thousand a year. On the supposition that each paddle is used on the customary portion of the human anatomy 25 times before it is broken or discarded, there must be 25,000 of the sharp reports of wood against the flesh of Technology students each year.

There are about 700 new men that enter the Institute yearly, so that a like number may be considered as being the recipients of the taps. This makes about 35 ticks per man, but that is increased to about 100 when the fact that only about one third of the students undergo initiations.

Use 150 Barrel Staves

There are five separate patterns of paddles at the carpenter's shop in addition to special fancy designs which are sometimes called for. One fraternity requires eight paddles for each pledge, while another uses five. A third organization brought 150 barrel staves around to the carpenter's shop last winter to have handles shaped on them.

The most popular paddle is one about three feet long by three inches wide. This is made for either one or two handed uses. There are others of varying shapes ranging down to one about 18 inches long, but nearly six inches wide. The paddles are generally a half inch thick, and are made from either oak or poplar.

CHEMISTS ADDRESSED BY PROFESSOR NORRIS

The second get-together of the Chemical Society will take place tomorrow evening at 7:30 o'clock in the north hall of Walker. This meeting will be featured by two speakers, Dr. A. W. Rowe '01, will give a talk on physiological chemistry, and Professor J. E. Norris will speak on research and industry.

The meeting will be followed by refreshments in the form of food and cigarettes. The piano will also be available for those who wish to play and sing.

Standing of Classes, Courses and Fraternities as Finally Reported

CLASSES	% Amount	FRATERNITIES	% Contributing
Freshman ..	75.0 \$811.91	Alpha Tau Omega ..	100.0
Sophomore ..	69.7 969.71	Alpha Mu Sigma ..	80.0
Junior ..	59.0 825.20	Beta Theta Pi ..	100.0
Senior ..	54.7 1018.67	Chi Phi ..	100.0
Graduate ..	21.7 145.25	D. K. E. ..	100.0
TOTAL ..	\$3770.74	Delta Psi ..	100.0
		Delta Tau Delta ..	69.0
		Delta Upsilon ..	100.0
		Kappa Sigma ..	100.0
		Lambda Chi Alpha ..	52.0
		Lambda Phi ..	93.0
		Phi Beta Epsilon ..	100.0
		Phi Gamma Delta ..	70.0
		Phi Kappa ..	100.0
		Phi Kappa Sigma ..	100.0
		Phi Mu Delta ..	100.0
		Phi Sigma Kappa ..	100.0
		Psi Delta ..	100.0
		Sigma Alpha Epsilon ..	100.0
		Sigma Alpha Mu ..	100.0
		Sigma Chi ..	100.0
		Sigma Nu ..	100.0
		Tau Epsilon Phi ..	75.0
		Tau Delta Phi ..	36.4
		Theta Chi ..	100.0
		Theta Delta Chi ..	100.0
		Theta Xi ..	100.0
		Zeta Beta Tau ..	100.0
		Total Fraternity Subscription ..	\$1426.98
		CASH	
		Students ..	\$3198.43
		Instruction Staff ..	497.75
		Corporation ..	145.00
		Total Cash ..	\$3841.18
		Pledges ..	572.75
		GRAND TOTAL ..	\$4413.93

DORMS	%	Amt.
Atkinson ..	100.00	102.00
Runkle ..	93.6	138.46
Nichols ..	96.8	107.50
Holman ..	100.0	69.00

ANONYMOUS OFFER
"The donor offers to duplicate the two highest subscriptions given by any active undergraduate student at Technology between 8 A.M. Saturday morning and 12 P.M. Tuesday night. This offer holds good up to the total sum of \$100."

DORM CONSTRUCTION PROGRESSING RAPIDLY

Concrete Now to Fourth Floor —Roof on in Ten Days

The new dorms are now becoming an actual fact. The concrete structure has progressed as far as the fourth floor and the wire netting for the stucco work has reached the second. If everything goes smoothly the contractor expects to have the roof on within the next ten days.

Only one accident has occurred lately to mar the steady progress. Last Saturday the pipe which supplies the necessary water for construction purposes was struck by a wheelbarrow and broken off. As the control for shutting off the water is located over a block away, the place was flooded before the flow could be stopped.

FROSH CHESS SEASON OPENING NEXT FRIDAY

Club Plans Series of Lectures on Chess by Members

The Freshman Chess Team begins its season next Friday with a meet with the Sophomores. A full schedule is being arranged, and will include contests with the Harvard Freshman Team, Huntington School, English High School, Boston Latin School, and Chelsea High School.

The Metropolitan League, which includes Technology, Harvard, Bay State, Boston City Club, Y. M. C. U., Boston and Jolly Roger Chess Clubs, has announced a change in its rules; hereafter only six boards will be played at a meet, instead of eight. This makes competition for the team even keener.

The Chess Club is inaugurating a new idea this year; it plans to hold a meeting at 1:30 o'clock every Saturday afternoon, at which members of the varsity team will give lectures on different openings, each man discussing all the variations of one opening. The first of these lectures will be given by Isaac Brinberg '24 on November 21, and will be on Kings Gambit.

BATES VICTOR OVER MAINE IN RUN SATURDAY

Doherty, Tufts Only Entry, Individual Winner in New England

CRIPPLED ENGINEERS SECURE SIXTH PLACE

Beavers Handicapped by Loss of Veterans and by Hilly Course

Taking four out of the first eleven places, the Bates College barriers sprung a surprise last Saturday at Franklin Park by winning the New England cross country championship from the strong University of Maine team by a margin of 12 points. Bates scored 45 points to Maine's 57. The University runners have held the championship for the last two years, but were forced to bow to a better balanced team Saturday. Bates' victory is still more of a surprise because they were defeated by the University of Maine in the Maine Intercollegiate.

New Hampshire State came in a poor third with 113 points, while the crippled Technology team was forced to accept sixth place. Bowdoin and Holy Cross following New Hampshire in the order named. Tufts only entry, John Doherty, made a name for himself and his school by carrying off the individual honors in the race, his time being 28:40, or four and two-fifths seconds better than Bob Hendrie's time last year.

Doherty Leads Runners

Doherty led the pack of barriers for the greater part of the race, finishing a good 30 yards over Raymond of the University of Maine. Hillman of Maine, Leonard of B. C., and S. J. Holt of Bates, the third, fourth, and fifth completed the list of the first five men to cross the finish line.

Doherty's scoring position could not be counted as Tufts did not enter a team, hence all the scoring places were advanced one, so Raymond, who came in second, was counted as first man in calculating the scores.

Hills Bother Engineers

With the team badly crippled due to the absence of Bemis, Rooney, and

(Continued on Page 3)

LYMAN UNDERWOOD '98 TO GIVE NATURE TALKS

Will Illustrate Lectures with Pictures He Has Taken

Mr. W. Lyman Underwood, lecturer in the Department of Biology and Public Health, will give a series of five lectures to the classes in Biology on the following dates in room 10-411: November 27, December 4, December 6, December 11, and December 13.

The lectures will describe the habits and characteristics of many different forms of life—Animal, Fish, Bird, and Plant, and will be illustrated by beautifully colored stereopticon slides which have been personally taken by Mr. Underwood.

Although primarily intended for students in the Biology department, this series of lectures is opened to anyone interested in the beauties and mysteries of natural life. This is an unusual opportunity to hear an able lecturer on Nature and to learn at first hand many interesting things concerning several varieties of living organisms.

CALENDAR

- Monday, November 19
 - 2:00 M. E. Society trip. Starts from main lobby, Walker.
 - 5:00 California Club meeting, room 2-14.
 - 7:30 Choral society rehearsal, room 5-350.
- Tuesday, November 20
 - 5:30 Baton banquet, faculty dining room, Walker.
 - 7:30 Chemical Society smoker, north hall, Walker.
- Wednesday, November 21
 - 7:30 Catholic Club dance, Faculty dining room, Walker.
 - 8:00 Aeronautical Engineering Society smoker, room 5-350.
- Thursday, November 22
 - 4:00 Lecture on "The Path of Balls in Ball Mills", room 5-330.
 - 6:00 Faculty Club dinner, Faculty dining room, Walker.
 - 8:00 Masonic Club dance, main hall, Walker.
- Friday, November 23
 - 8:00 Architectural Society dance, Rogers.
 - 8:00 Masonic Club dance, main hall, Walker.