

## WINTER CONCERT TO BE GIVEN JANUARY 26

**Bert Lowe Secured for Dance  
Following Club's Program  
at Somerset**

### SIGNUP SALE THIS WEEK

At their annual Winter Concert at the Hotel Somerset on January 26 the Combined Musical Clubs offer the second chance to the student body to hear their performance and see what kind of a program made the winter trip so popular. Tickets will be \$6 a couple and will be sold by the sign-up method in the main lobby next Wednesday and Thursday, from 12 to 2 o'clock. Signups are to be \$3 apiece. The Winter Concert is one of the largest social functions of the winter term at the Institute and will start promptly at 8 o'clock. The concert will end about 9:30 o'clock and will be followed by dancing till 3 o'clock. Bert Lowe's Prom Orchestra with Bert himself and many of his best men will provide the music for the dancers.

**Redemption Date Not Announced**  
The patroness list for the concert is now being made up and will be announced later by the management together with the list of matrons, the dance order, and the concert program. The date of redemption for the signups has not as yet been decided upon but will be chosen and announced in the near future.

The Publicity Department of the Musical Clubs wishes to announce that it needs more freshmen and upperclassmen in its ranks. Any men wishing to try out for places in this department should see A. S. Renfrew '24, in the clubs' office, room 310, Walker Memorial, any afternoon after 5 o'clock.

## NEW MILITARY SOCIETY STARTED AT INSTITUTE

**Is M. I. T. Post of Society of  
American Military  
Engineers**

The latest addition to the undergraduate societies at the Institute is the M. I. T. Post of the Society of American Military Engineers, formed by the students of the Engineer Unit of the R. O. T. C. The main Society had its inception in the experiences of the engineering profession in the World War. Its primary purpose is one of constructive patriotism. In the language of its constitution:

"The objects of the society shall be to promote in the interests of national defence the efficiency of the military service of the nation; to maintain its best standards and traditions; to disseminate professional knowledge concerning developments in engineering, with special reference to their application to military purposes; to develop between the military engineers and other arms of the service a spirit of co-operation and mutual understanding of their respective duties, powers and limitations, and to foster relations of helpful interest between the engineering profession in civil life and that in the military service."

**Pershing is Member of Society**  
The Society, having a membership of over 4,000 is composed of officers and ex-officers of the engineer service of the Regular Army, National Guard, Reserve Corps, Navy, Marine Corps, and technical engineers and specialists who have been in the service of the country. It offers associate membership to members of the R. O. T. C. and all others enrolled in the military forces of the United States. The society serves as a medium for cementing these various components of the engineer service.

General Pershing is an honorary member and it has the endorsement of the Chief of Staff of the Army and the Chief of Engineers.

**Elect M. I. T. Post Officers**  
Its organ, The Military Engineer, is a bi-monthly periodical, dedicated to the engineer's part in the national defense. Its purpose is to disseminate information on all engineering developments, civil and military. Membership in the M. I. T. Post of the Society carries with it one subscription to the magazine for each five members.

The Society has local posts scattered all over the country including one

(Continued on Page 4)

## AERO SOCIETY TO HEAR TALK ON CARBURATORS

The Aeronautical Engineering Society will hold a smoker next Thursday evening at 7:30 o'clock, in the R. O. T. C. Air Service dugout, room 1-090.

The speaker for the evening will be Professor L. S. Marks of the Harvard Engineering Department. The subject of Professor Marks' address is to be "Supplying Fuel to Aviation Motors." His talk will include a thorough discussion of gasolene systems and Carburetors.

The photographs of the gliding contests, taken by Professor Warner last summer, are to be placed on sale at this smoker.

## ILLUSTRATED LECTURE FRIDAY IN ROOM 5-330

**C. E. Society and Corporation  
XV Together Hear Talk on  
Electric Project**

Mr. C. W. Kellogg '02, and Mr. A. Northrop, both of Stone & Webster, will give an illustrated lecture on the Caribou Hydro-Electric project on the Feather River in California, before the M. I. T. Student Chapter, American Society of Civil Engineers, and Corporation XV on next Friday, in room 5-330, at 4 o'clock.

The Caribou Project embodies some of the most picturesque features of engineering construction, including the building of an entire railroad, and establishing a large construction camp in a California redwood forest. Two 30,000 H. P. units now installed transmit power over 186 miles to San Francisco at 165,000 volts, a world's record in transmission voltage. The double overhung impulse wheels each have 21 half ton buckets, the total revolving element of 170 tons per unit, operating under a head of 1008 feet. The equivalent energy is that of the crashing impact of two 100 ton locomotives, speeding at 42 miles per hour, with but one second of headway between. The water supplied to the wheels is led from Lake Almanor by 4½ miles of tunnel cut in the solid rock, to the penstocks that deliver it to the plant. It is used again at the Big Bend power plant and ultimately will be used seven times in all, at as many power stations before its final use in irrigation at the Oroville or Sacramento Valley level.

Mr. Northrop will speak on the engineering features of the plant, and Mr. Kellogg will speak on those of the financing and organization. At this joint meeting, Corporation XV and the Civil Engineering Society aim to present the novelty of a lecture covering all administrative and technical phases of such a project. An invitation is extended to all interested members of the student body.

## NAVAL ARCHITECTS HAVE FIRST MEETING OF TERM

**Society Elects New Treasurer and  
Vice Chairman**

At a meeting of the Naval Architectural Society held last Friday afternoon in the naval architectural drawing room the vice chairman and treasurer of the society were elected. Archibald Williams, Jr. '23, was elected vice chairman and G. F. Ashworth '24, was elected treasurer. These elections fill the vacancies left by the resignation of P. De Reinier '23, and Francisco Parra '23.

A report on the advisability of a society charm was given by Charles Shilawitz '23, and after much discussion it was tabled by the members pending further investigation. Plans for a smoker in the near future were laid down and the meeting was adjourned.

## INSTITUTE UNITARIANS HOLD SUPPER-MEETING

The first get-together of the Technology Chapter of the Unitarian Laymen's League will be a supper meeting at the Unity House, 7 Park Square, Boston, on Thursday, January 11, at 6:30 o'clock. All Unitarians at Technology are cordially invited to attend.

Dr. Charles E. Park of the First Unitarian Church in Boston will be the chief speaker of the evening. Those who expect to attend are asked to notify G. A. Johnson '23, treasurer. A charge of 50 cents to help cover expenses will be made.

## DR. STRATTON GIVEN DESK BY DR. NICHOLS

**Presented to Dr. Nichols By  
the Alumni Association  
Two Years Ago**

### INAUGURATION IN JUNE

Dr. Ernest Fox Nichols, former President of Technology, has presented to Dr. Samuel Wesley Stratton, for his use during the presidency, the elaborate desk which was given to him by the Alumni Association at his inauguration, June 8, 1921. The desk is now located in the President's office, and attached to it is a silver plate on which is engraved an inscription regarding the original donation of the desk, and an additional inscription written and signed by Ex-President Nichols relating to its acceptance by President Stratton.

The plate, which is fastened to the top of the desk, bears the following words:

Presented to President Nichols by the Alumni Association on the day of his inauguration, June 8, 1921, and given by him "to my successors in the presidency, each in turn, as a constant reminder of the unflinching devotion and support of Technology Alumni."  
(Signed)  
ERNEST FOX NICHOLS.

**Wants to Become Acquainted**  
It was not until the Convocation held last Tuesday afternoon in Walker Memorial that it was possible for the majority of the students to get a glimpse of their new leader. At this occasion, however, the main hall of Walker was filled to overflowing, and in spite of the fact that the vacation had scarcely ended, a fitting and hearty welcome was given to the new President.

Since this initial meeting, the Dr. Stratton has been occupied with arrangements in moving into his new home, and in becoming acquainted with some of the problems and duties with which he must be familiar in the work of controlling the Institution and its affairs. For this reason, it is not likely that the students will have many opportunities to become acquainted with him at the present time. Eventually, however, Dr. Stratton intends to come in close contact with the student body, and in fact intends to take away some of the busi-

(Continued on Page 2)

## TENNIS COURT TO SERVE AS NEW RINK

**Plans for Improving Track  
Proposed at Advisory  
Council Meeting**

### PROVIDE BETTER DRAINAGE

The group of tennis courts north of Walker Memorial are to be converted into a hockey rink, as the result of a decision made by the Advisory Council on Athletics. Plans for improving the track next spring have also been formulated.

Arrangements have already been completed for the construction of the new rink, which will have four foot boards, and the construction is to begin immediately. The Advisory Council has voted \$250 for the work. The principal object in its construction is to provide a suitable place for the freshmen hockey squad to practice.

**Outside of Track Raised**  
The consent of the Bursar has been obtained for improvements to be made on the track as soon as the frost is out of the ground. It is planned to slightly raise the outside part of the track so that it will drain inwards. A ditch is to be built around the inner edge which will have drains at frequent intervals so that the track will be kept dry.

The question of the eligibility of two Chinese for the track team was also taken up at the meeting of the Advisory Council, and they were declared ineligible according to the migrant rule. This rule requires that a student must be at Technology an entire year to be eligible to any varsity team. This does not make them ineligible for the freshman team, however.

## E. E. SOCIETY TO HEAR TALK TOMORROW NIGHT

**Will Describe Doble Process of  
Testing Insulators**

Tomorrow evening the Institute Electrical Engineering Society will hold its first meeting of the new year in conjunction with the Boston section of the American Institute of Electrical Engineers. At this smoker, which will begin at 7:30 o'clock in Eastman Hall, Mr. Doble will describe his method of testing insulators.

Following the talk those present will be given an opportunity to ask any questions which may arise in their minds. The remainder of the evening will be given over to a social program which will include the serving of light refreshments. The society extends its cordial invitation to all members of the three upper classes and to the faculty to attend this meeting.

## CLASS OF 1911 DINED IN WALKER MEMORIAL

**Professor D. C. Jackson Speaks  
Before Members Adjourn  
to Bowling Alleys**

Eighteen members of the class of 1911 gathered for a class dinner in the Faculty dining room of Walker, Wednesday evening, January 3. Community singing was a feature of the dinner, and after the meal, Professor D. C. Jackson, head of the Department of Electrical Engineering, gave the third of a series of talks now being given by heads of departments at class of 1911 dinners.

Professor Jackson, in describing the advances and changes made in his department since 1911 placed especial emphasis upon the cooperative course and the option in electrical communication.

Following the speech, the party adjourned to the bowling alleys where the following matches were rolled:

Team A		
O. S. Clark	87	71
S. H. Hartshorn	75	113
J. R. Bowman	80	82
T. B. Parker	80	81
P. S. Avery	70	71
	392	418
	810	
Team B		
E. D. Van Tassel	58	79
J. A. Hreihly	76	80
O. B. Denison	72	70
E. J. Whitcomb	77	62
C. A. Linehan	66	63
	349	354
	703	
Team C		
H. G. Jenks	70	79
D. J. Smith	70	76
E. A. Coughlin	71	86
C. H. S. Merrill	81	64
	292	305
	597	
Team D		
A. F. Leary	80	75
T. H. Haines	73	74
Suren Bogdasarian	46	73
W. J. Buckley	92	84
	291	306
	597	

## RADIO SOCIETY ADOPTS NEW TRAFFIC SCHEDULE

**More Experimental Work Being  
Done This Term**

During this term a slightly different program of operation will be followed by the M. I. T. Radio Society at Station 1XM. There are to be only three regular operating nights a week instead of seven, as there were last term.

The remaining four nights of the week will be devoted to experimental and research work. Regular traffic work will be done on Monday, Wednesday, and Friday nights, although operators may use the transmitter on the other nights, providing it does not interfere with any experiments that may be in progress. On the three nights mentioned the station will be open from 7 o'clock on, as usual.

Any members of the society who can handle traffic at a speed of 18 or 20 words a minute may use the transmitter at 1XM, and those desiring to do so are requested to sign up for a convenient night on the Radio Society bulletin board.

## SMOKER TO BE HELD BY COAST ARTILLERY CORPS

At a smoker of the Coast Artillery Corps to be held in the north hall of Walker next Thursday at 8 o'clock, the kind of organization for the society will be brought up for discussion. At the close of the meeting, cider and home-made cake will be served.

## TECH SHOW MAKES FINAL CHOICE OF CAST AND CHORUS

**Selection of Men Based on  
General Ability and  
Scholarship**

**MANAGEMENT ASSISTANTS  
ARE ALSO ANNOUNCED**

**Poster, Music Score Cover,  
and Scenery Designs  
Are Selected**

As a result of the numerous tryouts and competitions held last term the final selection of the cast and chorus of Tech Show 1923 has been made by E. P. Dunlaevy '24, Stage Manager. The final choice of men to take the various parts have been based on general ability, interest, hard work, and scholastic standing. The cast has been under the tutelage of Coach R. L. Harlow and the chorus under Miss Virginia Tanner.

The cast which has been chosen is as follows: "Red Eagle," E. W. Sylvester G., C. D. McIntosh '25; "Arthur," F. D. Gage '23; "Jim," W. H. Donnelly '23, M. G. Davis '25; "Mr. Hubbard," H. G. Minor '23, M. B. Beattie '23; "Crankshaft," W. B. Shippey '24, H. J. Lehman '24; "Modesto," H. B. Stevens '24, Allen Isaacson '23, P. J. Lamoureux '24; "Evelyn," Richard Whiting '26, M. G. Salzman '25, P. J. Lamoureux '24; "Madge," J. P. Keegan '23; G. B. Fletcher '25; "Mrs. Hubbard," H. L. Walker '24, B. D. Warren '24; "Seraphina," J. D. Cochran '23, Hood Worthington '24; "Sancho," Alfred Kullman '25; "Pancho," H. P. Kurzman '24.

**Poster and Score Cover Selected**  
The men selected to take the chorus parts are as follows: G. L. Marshall '25, P. K. Luster '26, F. L. Foster '25, E. D. Cahill '25, E. W. Schoenfeld '25, D. H. Cochran '24, R. H. Maser '26, S. F. Ferrer '26, S. M. Zerkowsky '25, T. F. Bundy '24, A. M. Prentiss '25.  
(Continued on Page 2)

## OUTING CLUB SPENDS STRENUOUS VACATION

**Several Mountains Climbed and  
Three Dances Attended  
During Trip**

Registration day found all eight members of the Outing Club's Christmas vacation excursion back hale and hearty and without evidence of any mishap. All speak enthusiastically of the trip and recount glowing tales of the daily hikes and social festivities.

The whole group climbed Mt. Madison and visited the Appalachian Mountain Club huts twice, Mt. Adams once, Mt. Jefferson once, and a number of lesser nearby mountains once each. The first attempt to go to the top of Mt. Washington was abandoned on account of a blizzard, which in milder form passed through Boston.

Several days later a second attempt was made. At 10 o'clock in the morning, in a blinding snowstorm, B. B. Zavoico '24, set forth. By the time he had gotten well up to the side of the mountain, the snow turned to rain. After spending a short time at the top, he went down the other side by way of the Carriage Road to the Glen House, arriving there at 3 o'clock the following morning.

During their stay in New Hampshire the men were invited to three dances, two taking place at a private home in Gorham, and the third at the Androscoggin Country Club.

## CALENDAR

- Monday, January 8
  - 7:30—Technology Choral Society rehearsal, room 5-330
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- Thursday, January 11
  - 6:30—Unitarian Laymen's League, Technology Chapter, supper meeting, Unity House, 7 Park Sq., Boston.
- Friday, January 12
  - 8:15—Dorm Dancer, main hall, Walker Memorial.
- Saturday, January 13
  - Last day for seniors to have pictures taken for Technique.
- Friday, January 19
  - 8:00—Catholic Club Dance, main hall, Walker Memorial.