

NINE NUMBERS ON TONIGHT'S WINTER CONCERT PROGRAM

Three Specialty Acts Listed— Banjo Duet, Quartet, Piano Duet

TICKETS TO BE SOLD AT HOTEL SOMERSET TONIGHT

Bert Lowe's Best Ten Piece Combination Provides Dance Music

The final choice of the program for the Winter Concert of the Combined Musical Clubs tonight has been announced by the management and contains the usual selections by each of the clubs and three specialty acts, one of which is new.

Two of the specialty acts, a banjo duet by Raymond Mancha, Jr., '26 and William Stevenson '23, and a quartet were given at the Fall Concert last term, and achieved such success that they have been kept on the program for tonight, though they will not give the same numbers as at that concert.

The name of Mrs. Henry Fay has been added to the list of patronesses of the concert which was announced by the management, making the complete list as follows: Mrs. W. Spencer Hutchinson, Mrs. R. C. MacLaurin, Mrs. Henry Fay, Mrs. R. T. Pendleton, Mrs. W. M. Ross, and Mrs. H. P. Talbot.

A number of tickets to the concert and dance are still available and may be obtained any time today in the clubs' office, room 310, Walker Memorial, at \$6 a couple, or \$3 for single tickets. It has been announced that tickets will also be available at the Hotel Somerset just before the beginning of the concert.

The program for the numbers of the clubs tonight is as follows:

- 1. Battleship Connecticut... J. M. Fulton Banjo Club
2. Ole Uncle Moon Glee Club
3. Piano Duet Grant and Davol
4. Moonlight Fancies... T. H. Rollinson Mandolin Club
5. A Little Harmony Quartet
6. Banjo Duet Mancha and Stevenson
7. Sweet and Low Glee Club
8. Popular Selections Jazz Band
9. Stein Song Combined Clubs

WATERTOWN MEN JOIN WITH ARMY ORDNANCE

Officer from Washington To Give Illustrated Talk

The reserve officers on duty at the Watertown Arsenal and the student officers of the same school have incorporated with the Army Ordnance Association at the Institute to form a society for the purpose of obtaining a greater field in which to study ordnance conditions.

A meeting is being planned for Wednesday, January 31, at which an ordnance officer from Washington will speak on ordnance problems. The talk will be illustrated.

Another meeting is being planned for the early part of March for the purpose of getting together all the officers in the First Corps Area, as well as the student officers at the Institute and the Watertown Arsenal.

TODAY IS DAY OF SALE OF TECHNOLOGY REVIEW

Article on First Meeting of H. S. Pritchett and Dr. Stratton

Today, the February issue of the Technology Review is on sale to the student body at the price of 25 cents. Copies were mailed to subscribers yesterday.

H. S. Pritchett, former president of the Institute, has contributed an article on the manner in which he and Dr. Stratton first met in scientific work, in connection with the Bureau of Standards.

In the department of "Tech Men in the Public Eye" there is an article on the election of Redfield Proctor '02, to the governorship of Vermont; and a story on the Technicolor film which was produced almost solely by the activities of Technology men.

In addition, there are the usual departments of "Undergraduates," with articles on Tech Show, Technique, and the Voo Doo Banquet; "Athletics"; and Alumni and Class news, which are expected to be as much of interest to the student body as to the graduates.

HONOR SYSTEM FOR COURSE X SENIORS

Committee to Investigate Ways and Means and to Draw Up the Plans

FACULTY CO-OPERATION

Last Wednesday evening a meeting of Course X Seniors was called by L. S. McLane '23, president of the Chemical Society, to consider the institution of an honor system for the Seniors of that course. The suggestion had been made to him by several students who thought that such a code should be instituted in the course as it is composed of a closely knitted group of students with common professional interests.

At this meeting a resolution was passed to the effect, "that a committee of 15 men be elected from the Senior class of Course X to investigate, draw up, and put into effect ways and means of maintaining the reputation and integrity of Course X."

System Highly Desirable

In the opening speech, McLane pointed out that all engineering societies and similar organizations had adopted, or were adopting, codes of ethics to which the members adhered. He expressed strong disapprobation of the levity with which Institute students now regard "cribbing." This opinion was upheld by the general sentiment of those attending; it being felt that it is not only highly desirable, but that it is very important that there should be instituted some system whereby the scholastic work of the student may be placed upon an honor basis.

The committee of 15 men which was elected is to meet next Wednesday at 5 o'clock to start work on the provisions set forth in the resolution passed unanimously by the large majority of the Seniors in this course. The members of the committee are as follows: H. C. Barrett '23, J. L. Brill '23, L. S. Champion '23, W. K. Coolidge '23, T. B. Drew '23, L. B. Freeman '23, F. G. Harmon '23, R. L. Hershhey '23, D. M. Houston '23, R. H. Kearn '23, A. G. McLane '23, A. G. Meakin '23, F. P. Squibb '23, R. K. Turner '23, W. B. Wingert '23.

DANCE AFTER BASKETBALL GAME SATURDAY EVENING

After the basketball game tomorrow evening there will be a dance in the New Gym. The Musical Clubs Jazz Band will furnish the music and this will be the first opportunity to test the New Gym for dancing. The admission to the game for outsiders will be 50 cents which includes reserved seats. For Technology students a charge of 25 cents will be made for seats in the reserved section while a student registration card will admit to other than the center sections.

The tickets for the dance alone can be obtained at the door for 50 cents in addition to the admission fee.

An advance story on the game will be found on page four of this issue.

GENERAL PATRICK ARMY AIR CHIEF TALKS AT SMOKER

President Stratton and Prof. E. P. Warner Speak at Aero Meeting

LATEST ARMY AIRCRAFT DEVELOPMENTS TOLD OF

Moving Pictures of Helicopters and Heavy Bombing Planes Shown

Last night at the Aero Society smoker Dr. Stratton introduced Major-General Mason T. Patrick, Chief of the Army Air Service, after first giving a short talk on his experiences as a member of the National Advisory Committee for Aeronautics.

General Patrick opened his address by giving a short history of aviation, and went on to tell of the development of aviation during and since the war, saying that the army has at present two flying "tanks" which are covered with armor thick enough to turn aside machine gun fire, and which are large enough to carry 12 inch cannon.

Show Movies of Helicopters

He described large lighter-than-air machines which would be able to fly to the North Pole and back, and which could be used to transport troops and supplies and even smaller combat planes. The mother airship can carry several smaller planes which do not land directly on the ship itself, but which are caught by hooks.

The second part of the General's address was on helicopters, which he described as machines which could rise vertically and fly horizontally. Movies were shown of various types (Continued on Page 2)

NAVAL ARCH SOCIETY HEARS WAR EXPERIENCES

Last Wednesday night the Institute ship designers held their first smoker of the term in Walker. Professor James R. Jack, head of the Department of Naval Architecture, gave a talk on the war from the British standpoint and told many stories of his personal experiences during the period of war activity.

Professor Jack described in a narrative fashion the many lessons the English army had learned from its experiences in former wars and how they were of extreme benefit when she was caught unprepared for the late war. He told how England long before the war, through its intelligence department, had known of and was well acquainted with, the German spy system, so that all active German spies in England were in irons as soon as war was declared.

Give Vote of Thanks

The committee on Charms submitted a final report, recommending that the society decide on one of the two finally selected from over a dozen designs submitted. All Course XIII men are requested by the committee to examine the two designs posted in room 5-420 and make their choice. A rising vote of thanks was given Captain Snow, U. S. N., who is in charge of the instruction of the Naval Constructors at the Institute, for his work in enabling the society to see the steamship Majestic dock last December. Smokes and refreshments completed the evening's program.

The picture of the Technology Choral Society for Technique 1924 will be taken next Saturday, January 27, at 1:15 o'clock in the Technique office.

SENIORS TO CRITICIZE GRADUATION EXERCISES

Will Discuss Ways of Improving Ceremony at Class Meeting Monday

There will be a mass meeting of the Senior Class next Monday in room 10-250 at 5 o'clock to consider the possibility of improving the graduating exercises at the Institute. The chief question that will be brought up is whether or not caps and gowns will be worn at commencement. The problem was thoroughly gone into by a committee of 45 men at a meeting last Monday, when it was unanimously decided that the wearing of caps and gowns at the graduation ceremony would do much to increase the solemnity of the occasion.

To Take Up Diploma Question

Means of making Seniors remain for the exercises will be discussed. It will be endeavored to create a sentiment against the custom of leaving before commencement and receiving the diploma by mail. The method of handing out diplomas is scheduled for consideration. The present system results in the distribution of diplomas resembling a miniature Technique Rush, it was stated at the committee meeting last Monday. Action will be taken on the motion that the practice of reading extracts from theses at commencement be abandoned.

FIRST FORMAL DEBATE IS DECIDED SUCCESS

Decision Goes to Affirmative on French Reparations Question

At the third regular meeting of the Speakers' Club this term, held last Tuesday in the Faculty and Alumni room, Walker Memorial, at 5 o'clock, the debate which had been planned for the occasion took place. The proposition was: "Is France justified in invading the Ruhr valley." Mr. H. P. Cahill, the Boston attorney, who is giving the club a course in public speaking, recommended that the debate be held with all the formality which customarily attends college debates.

Henry Shore '24, and F. O. Billings '23, presented the arguments of the affirmative. Each man spoke for five minutes. The negative side of the question was discussed from an economic standpoint by H. F. Simonds '24, and from an ethical standpoint by H. P. Junod '23.

To Debate Ring Question

While the speakers were out preparing their rebuttal, A. F. Flournoy '23, gave his opinion on the matter. At the conclusion of the debate, the club decided unanimously in favor of the affirmative.

The club considered the debate such a decided success that it has scheduled another next week on the subject: Resolved, That Technology Should Have a Standard Ring for Seniors and Graduates. The affirmative will be upheld by Miss Helen Hardy '24, E. C. Plant '24, and A. M. Kallet '24. The negative team consists of A. F. Flournoy '23, and E. L. Quirin '24.

Mr. Copithorne has invited the Speakers' Club to have several of its members present subjects at the Institute public speaking class next Tuesday. An invitation will be extended to students taking this course to attend the meetings of the Speakers' Club throughout the term.

RIFLE TEAM ORGANIZED AMONG CLEOFAN MEMBERS

A rifle team has been organized among the members of Cleofan. Although the members have shunned publicity of all sorts it is said that there has been practice on several afternoons at the rifle range.

On Friday afternoon of this week, tea will be served to the members of Cleofan in the Margaret Cheney room from 4:30 o'clock to 6 o'clock.

HOCKEY TEAM BILLED TO BATTLE HARVARD AT ARENA TONIGHT

Big Game of Ice Season Opens Double Header of Four Local Teams

CAPTAIN GEORGE OWEN WILL LEAD CRIMSON

Herb Hayden's Men Show Great Improvement Over Early Season Form

Tonight is going to be the biggest night of the year for the hockey team when the crimson and the cardinal and gray meet once more in Technology's annual ice classic. Harvard has a truly wonderful hockey team this year—its record is enough to prove that, and the brand of first class hockey which Captain Herb Hayden's team showed at West Point last week also has some significance.

The improvement in Technology's hockey team since the early part of the season has been marked; defeats by Princeton and Boston College made things look a little black, but a late start can be blamed for a good deal of the trouble. Subsequently victories over Boston University and West Point have given a much better indication of the real material that is in the squad, and tonight's game will be the final test. It is needless to remark that every man who goes into that game will be forced to show the last mite of hockey knowledge and endurance he possesses.

Harvard Stars in Game

With Harvard's star defense trio, George Owen, Ted Crosby, and Ned Bigelow, to reckon with, Technology's offense trio has no easy job, and much the same can be said of our own defense, which will stand the barrage of Walker, Guild, and Beals of the crimson sextet.

Herb Hayden, Jerry Dalton, and Dave Peene will start on the firing line for Technology with Neil MacNeil, Bill Blandy, and Hugh Nickle on the receiving line. With the exception of Owen, all are seniors. (Continued on Page 3.)

WOMEN'S ASSOCIATION HAS ALUMNI LUNCHEON

The M. I. T. Women's Association will hold its annual luncheon today at 1 o'clock in the north hall of Walker Memorial, in honor of Dr. Stratton. Many distinguished guests have been invited, among whom are H. J. Carlson '92, president of the Alumni Association, and Mrs. Carlson; Everett Morss '85, treasurer of the Corporation, and Mrs. Morss; Dean H. P. Talbot '85, and Mrs. Talbot; Mr. and Mrs. J. P. Munroe; Mrs. MacLaurin and Miss Evelyn Walker. The luncheon will be preceded by a short business meeting in the Emma Rogers room. This meeting will open at 11:45 o'clock.

CALENDAR

- Friday, January 26
5:00—Talk on Course V by Professor F. G. Keyes, room 4-270.
5:00—Outing Club Council meeting, west lounge, Walker.
5:10—T. C. A. Bible Study Group, Mt. Vernon Church vestry.
8:00—Musical Clubs Winter Concert, Hotel Somerset.
7:00—Chinese Club social, Faculty dining room, Walker.
Monday, January 29
5:00—Talk on Course VIII by Professor C. L. Norton, room 4-231.
6:00—Alumni Council, Faculty dining room, Walker.
Tuesday, January 30
5:00—Talk on Course VII by Professor S. C. Prescott, room 10-275.
7:30—Memorial society, Faculty and Alumni room, Walker.
7:30—Society of military engineers smoker, north hall, Walker.
8:00—Math club, west lounge, Walker.
Wednesday, January 31
5:00—Talk on Course XIII by Professor J. R. Jack, room 3-270.
Thursday, February 1
9:00—Catholic Clubs' Federation formal dance at Hotel Copley Plaza.
Friday, February 2
8:00—Dorm Dance, main hall Walker.
Saturday, February 3
8:00—Mid-Winter assembly of the Faculty Club, Walker.