

SPECIALITY ACTS FEATURE WINTER CONCERT TONIGHT

Second Big Musical Clubs'
Effort Presented at
Copley Tonight

GIVE OUT PROGRAM

The second big effort of the Combined Musical Clubs takes the form of the Winter Concert in the Copley Plaza Hotel this evening. The affair will last until 3 o'clock tomorrow morning and a widely varying program is offered, including a violin solo and a sleight-of-hand artist, who is reported to be able to display all the tricks of an ordinary professional.

The management has decided to sell a limited number of tickets in the main lobby today between the hours of 12 and 2 o'clock. In view of the fact that these are stag tickets the price will be \$4.

Announce Numbers on Program

The program consists of the regular numbers of the banjo, mandolin, and glee clubs and a number of specialty acts. Among the latter are "Souvenir de Wieniawski," a violin solo by L. D. Price; "Twelfth Street Rag," a banjo duet by L. W. Carroll '22 and C. B. Ecker '24; and "No Deception Practised," a number of mystifying sleight of hand tricks by K. C. Kingsley '22. The management states that these acts, as well as the remainder of the program, have never been presented by the Musical Clubs.

The program is expected to last about an hour, following which Bert Lowe and his first string orchestra will play for the dancing until 3 o'clock.

The program is as follows:

1. M. I. T. Medley Arranged by Lansing Banjo Club
2. Gypsy Trail Galloway Glee Club
3. Twelfth Street Rag Sylva Carroll and Ecker
4. Twinkling Stars Arranged by Lansing Mandolin Club
5. Lamp in the West Parker Glee Club
6. Souvenir de Wieniawski Haesche L. D. Price
7. "No Deception Practised" K. C. Kingsley
8. The Sheik Snyder Jazz Band
9. Cardinal and the Gray Moody Glee Club

35 on Patroness List

The list of patronesses now consists of 35 names, including those of many of the wives of the professors at the Institute.

The list of matrons is as follows: Mrs. Charles L. Rundlett, Mrs. Herbert F. Blood, Mrs. C. Leslie Chamber. (Continued on Page 4.)

REAL CAT USED TO ILLUSTRATE PROF. FRANKLIN'S LECTURE

Professor Franklin's class in freshman physics, which met Wednesday morning, had been looking forward all week to a novel experiment which Professor Franklin promised to perform. The interesting fact that a cat can turn itself around in midair, and land triumphantly on its feet was the problem, and a real live cat was to be the chief participant in the experiment.

THE TECH contributed again to the cause of science by supplying the cat. The members of the class tried to make the cat feel at home by emitting what were meant to be cat-like sounds. Although well-intentioned, the sounds were hardly reassuring to the cat, which seemed to be very nervous indeed. In fact, it was quite difficult for Professor Franklin to get the cat in the right position to make the experiment. Someone suggested that he take the cat by the feet and drop her from this position. This plan did not appeal to Professor Franklin.

Cat Produces Rotary Motion

The cat was dropped two or three times with its back to the ground, each time landing on its feet. Professor Franklin explained that a "squirm movement" by the cat's muscles produced the necessary "rotary motion," to set the cat right side up.

Simmons Glee Club Gives Concert in Walker



ELECTORAL COMMITTEE HOLDS FIRST OFFICIAL MEETING

The Technique Electoral Committee held its first meeting yesterday afternoon at 5 o'clock in room 10-275. D. H. Keck '24, president of the Sophomore Class, was chairman pro tempore, and will preside over the meetings until the editor-in-chief is elected. The business before the meeting was the election of the secretary-treasurer and vice-chairman and the fixation of the time for future meetings.

J. D. Fitch was elected secretary-treasurer, and A. W. K. Billings, vice-chairman. The next meeting is scheduled for Monday at 4 o'clock, in room 10-275. Meetings will be held in that room on Mondays from 4 to 5 o'clock, Wednesdays from 5 to 6 o'clock, and on Fridays from 4 to 5 o'clock, until the election of the Technique 1924 Board is completed. The committee adopted the constitution drawn up by the electoral committee of the Class of 1922.

CHEMICALS VISIT REFINERY

The Beacon Oil Company, an oil refinery in Everett, Massachusetts, was the scene of the Chemical Society's trip last Tuesday and Wednesday. This company was one of the first to use concrete instead of steel in their storage tanks for the crude oil. A great saving in space and fire risk was thus effected.

The members of the society who went on these trips were shown how gasoline, one of the main products of the refinery, is made. Crude oil is distilled in direct fired stills, and the light oils, which come over in the first fraction, are redistilled. They are then treated with chemicals to remove impurities, and the pure gasoline remains. Some crude oils which yield as little as 33 per cent gasoline are used mainly for asphalt, for which they have big demand.

Paobite, a carbon dioxide foam, is used for a fire extinguisher. This substance can extinguish a fire in the largest tank in fifteen minutes.

Concert and Dance Under Auspices of Cosmo- politan Club

TICKETS ON SALE TODAY

A week from today is the date of the concert-dance which the Combined Musical Clubs of Simmons, with the aid of the Technology Cosmopolitan Club, are going to give in the main hall of the Walker Memorial. The concert, which will last from 8 o'clock to about 9:30 or 10, is to be given by the Glee Club, Mandolin Club, and a special Glee Club organized especially for the occasion. The dance immediately following the concert will last until 1 o'clock. The whole affair has been planned by, and is under the control of, the Technology Cosmopolitan Club. The dance will be formal.

Tickets on Sale in Main Lobby

Tickets for the concert-dance will be on sale in the main lobby today from 12 to 2 o'clock. They have been on sale for several days by the members of the committee in charge, but this is the first time they have been sold in the main lobby. The price, which covers the admission to both concert and dance, is \$3 a couple. The affair is not restricted to members of the Clubs.

Special Glee Club Organized

Every effort has been made on the part of the Simmons Combined Musical Clubs. (Continued on Page 4.)

Did You Lose Something?

The great number of articles of every description which daily pour into the superintendent's office has not been equalled by those taken away, the resulting accumulation overflowing the capacities of the office. The superintendent was forced to send many things to the storeroom, as he threatened to do. If the reader neglected to get what he lost after receiving two notices he may be consoled by the knowledge that it will serve a good cause, perhaps help out some indigent hobo.

Should the Student Tax Be Raised?

OUR ATHLETIC POLICY

The slogan of our Advisory Council on Athletics can be clearly stated as follows:—The goal of athletic endeavor is to provide clean, sportsmanlike exercise for the largest possible number of students, rather than to merely produce winning teams. In the accomplishment of this goal, inter-collegiate competition acts as a stimulant to student interest in exercise rather than a source of winning meets. For this reason each sport is favored in proportion to the number of men to which it affords the opportunity of exercise.

The above is positively a democratic policy. Theoretically it places at the disposal of each student the opportunity of free exercise and training. It gives him, without cost, the chance to better his health and consequently his studies, to identify himself in the collegiate world as a member of a Technology athletic team, and to reap the benefits of a wider social and managerial sphere.

However, at present, practice and theory are a long way apart. The number of men who can compete in any one sport is decidedly limited. Premature team cuts are frequent. But the reason is obvious. As Technology has grown and expanded, existing needs have become greater. There is an increased demand for teams and more of them. Yet provision for these teams has not grown—our athletic policy is not realized. Shall we give up real and proven benefits, shall we step backward because of lack of funds, or shall we make more ample provision to conserve what we have and to expand as we must?

Remember that the scholastic standing of athletic men is higher than the average standing of the student body.

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WATCH THIS SPACE

MASS. AGGIES FALL BEFORE ENGINEER BASKETBALL TEAM

Farmers Stage Strong Comeback After Very
Weak First Half Tying Score At 18-18
—Davidson Nets Winning Goal

The Technology basketball team sent the Mass. Aggie squad down to defeat last night by the narrow margin of 20 to 18. Out-fighting the strong Farmer quintet, the Beavers managed to obtain a substantial lead in the first half. The Aggies became more aggressive in the second period and managed to break up the Beaver passing game. Scoring several baskets and amassing points on free throws, they tied the score with but a minute left to play. Davidson of Technology was equal to the occasion, however, and netted the winning basket a few seconds before the end of the game.

First Half Goes to Beavers

The Farmers tried to start things off with a rush and Marshall, their center, caged the ball in the first five seconds of play. Ted Storb soon managed to put the Beavers even with a long, clean shot from mid-floor. For several minutes the score stood even until Gyp Blood netted a point on an Aggie foul. Neither side seemed able to cage the ball from the floor, although each had several chances. Fouls were called frequently on both sides, however, and Tillie Tonon made five of them count for the Beavers while the Aggies netted three.

Shortly before the end of the period, Coach Allan sent Bretting in for Tonon at center, Tillie taking Boyer's forward position. Almost immediately Gyp Blood made a shot from under the basket after some pretty passing. A minute later Hank Bretting followed this up with a difficult shot from the side. The Beavers were going well and future scores seemed imminent when their attack was stopped by the ending of the half.

Aggies Stage Comeback

In the second period the Aggies came to life and managed to break up the Beaver passing game. Incidentally the game roughened up a bit and Referee Hoyt was forced to call quite a few fouls, most of them on Technology. The Beavers were confined to two baskets from the floor, one by Tillie Tonon early in the period and another when Dave Davidson netted a long shot in the last minute. (Continued on Page 4)

ATTENDANCE LIMITED AT SHOW ORCHESTRA RECITAL

Tickets Go On Sale Next Wednesday
—Dancing Until 2 A. M.

HOLD FIRST "CONFERENCE" IN AERO DUGOUT TONIGHT

The conference of the Aeronautical Engineering Society, which was postponed from yesterday, will be held tonight at 7:45 o'clock. The conference will take place in the "Aero Unit's Dugout," otherwise known as room 1-080. This is to take the place of the usual smoker, and there will be open discussions on aeronautical subjects. Major J. C. McDonnell and Captain W. B. Wright, Jr., of the Air Service Division of the Institute Military Science Department will speak on airplane motors.

ELECTRICALS HOLD SMOKER

The Electrical Engineering Society held their smoker in the main hall of Walker last night with about 70 men present. Mr. H. E. Shreeve, telephone system engineer of the Western Electric Company was the principle speaker of the evening. His subject "Recent Developments in Long Distance Telephony" was illustrated with a number of lantern slides.

In the talk Mr. Shreeve explained how long distances messages could be sent by the Thancom coil, by which 3 messages could be sent on 2 sets of wires and at the same time a telegraph message sent over the same wires. He also described the loading coils on telephone cables which are placed at intervals of 2 miles. Smokes and eats followed the program of the smoker.

It was announced at the smoker that there would be a trip to the Hamilton Manufacturing Company of Lowell next Tuesday and Thursday. The parties will leave from Walker at 2 o'clock.

FATHER OF R. C. RUNDLETT DIES

The father of R. C. Rundlett '22, died of heart failure yesterday at Worcester. Rundlett, the general manager of the Winter Concert, has left for his home and the junior manager will take over his duties.

CALENDAR

Friday, January 27
7:45—Aero Society Conference, room 1-180.
8:00—Winter Concert, Copley Plaza.
Monday, January 30
6:30—Alumni Council dinner, Faculty dining room.
Tuesday, January 31
1:30—Corporation XV trip to B. Sturtevant Co.
7:30—Mining Eng. Society meeting, Faculty room, Walker.
Thursday, February 2
4:00—M. E. Society meeting, room 5-330.
5:00—Institute Committee meeting, Faculty room.
Friday, February 3
8:00—Simmons Glee Club concert and dance, main hall, Walker.
Wednesday, February 8
6:00—Dartmouth Club dinner, Faculty room, Walker.
7:30—Mech. Eng. Society smoker, main hall, Walker.
Friday, February 10
8:15—Tech Show Orchestra, concert and dance, main hall, Walker.
Tuesday, February 14
8:00—Class of 1922 dance, main hall, Walker.