

THORNG WALKER AS FIRST TECHNOLOGY CIRCUS IS STAGED

Activities', Societies' and Fraternities' Side Shows Complete

COSMOS IN BULL FIGHT AWARDED FIRST PRIZE

Wild Westerner Shoots Up Show—Is Denounced by "Clarion"

In a blaze of flashlight powder, and with a roar of a hundred barkers, Technology's first annual circus was ushered in Wednesday night. Side shows packed to overflowing, western cowboys shooting up the Town, Soda Bars, and Chariot races, kept the mass of the 2000 students busy downstairs, while fencing, boxing, wrestling and slack wire acts held the crowd in the gym.

Stunts of All Kinds Feature

The visitor to the Big Show was attracted at once to the side shows around the wall. The Beta Steam roller was in action most of the evening, beside the Radio Club's high powered outfit, and strolling along the line the visitor came to the Delta Kappa Epsilon's coon show and the T. E. N. Museum of Unnatural History. This included many rare and hitherto undiscovered articles and was of great general interest. The Dissociated Press unreel the bulletins for the evening. Stopping here and there, the stranger found the Sigma Alpha Epsilon's faculty meeting, Kappa Sigma's notorious snake charmer, a poor Grind working all by himself in the center of everything, a slot machine outfit, a roulette wheel, and a Young Wall Street.

Everybody Visits Bar

The visitor was finally held, however, at the Musical Tech's Red Dog Bar, where he regaled himself with
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THREE REPRESENTATIVES SENT TO E.C.M.A. MEETING

H. E. Lobdell Elected to Position of Eastern Vice-Chairman

The Tech Engineering News sent three representatives to the annual meeting of the Engineering College Magazine Associated which was held this year at Ann Arbor, Mich., under the "Michigan Technic" of Michigan University. The representatives sent from here were Assistant Dean H. E. Lobdell '17, from the Alumni Advisory Council on Publications, E. E. Ash '22, the Advertising Manager of the Tech Engineering News, and B. P. Lane '23, the Managing Editor. There were about 20 representatives present, largely from the middle western colleges, representing 11 of the 15 members of the association. Three of the fifteen were taken in at the meeting. These are "The Princeton News Letter," "The Colorado Engineer" and "The Transit of Ohio State."

Founded by St. Laurent '21

The association was founded in the summer of 1920 chiefly by R. A. St. Laurent '21, who was then general manager of THE TECH, The Tech Engineering News being at that time a part of THE TECH. The object of the organization is to obtain group advertising, and editorials, and to get a higher standard of magazines. Those connected with the association believe that this is being accomplished. Similar organizations have worked successfully with college agricultural and alumni magazines.

Mr. Pride of Iowa State Engineering School was re-elected chairman. Prof. Van Hagen of Wisconsin vice-chairman of the western division and Lobdell was elected vice-chairman of the eastern division. Mr. Lyman, instructor of English at Michigan University, was appointed editorial advisor of the group. This is a new office and is to cover all editorial questions. Roy Barnhill incorporated of New York is retained as their agent in getting advertisements.

PROFESSOR FRANKLIN DELIVERS TREATISE

"Should a Technical Education Be Ameliorated" Proves Source of Joy

Professor Franklin's class in freshman physics which met on Wednesday morning, was again treated to the unusual. This time it was not a cat that broke the routine of the regular lecture, but a paper by Professor Franklin on, "Should a Technical Education be Ameliorated." Professor Franklin supplemented his paper, occasionally, by comments which were even more interesting than the paper itself.

Scientific education is a comparatively new thing in man's life, and no one has an inherited liking for this kind of study, according to Professor Franklin. We do not study science because we like it, but because we realize its necessity. It takes pain to master these subjects, but not nearly so much pain as would be caused if they were neglected, and civilization allowed to revert to a more primitive stage again. Professor Franklin especially decried the popular science of the Jules Verne type, whereby we can descend "20,000 Leagues Under the Sea" with little or no effort whatever. Real science, as we all know, requires a great deal of the hardest kind of effort.

One of Professor Franklin's remarks which caused considerable amusement was that, by pursuing a technical education, young men cannot follow out their natural tendencies to hurt, and fish, and make love, all of the time.

F. E. NORTON '18 REPORTS AIRPLANE EXPERIMENTS

Langley Field Work Uses Full Sized Planes

A report written by F. H. Norton '18, chief physicist for the National Advisory Committee for Aeronautics at Langley Field, will appear in the March issue of the Tech Engineering News. The experiments about which the report deals have been carried on on full sized airplanes while in flight. The Tech Engineering News management states that such tests have been carried on at no other place than Langley Field and that this report is the first ever published on this work. The report, however, does not contain certain formulae which have been obtained as a result of the work. As a similar report is being prepared which will be sent to the government this later report is not to be made public as yet. These formulae would have little interest to those not actually in the airplane business and their omission is of no serious loss to the average reader.

Experimental work in air tunnels where models are used has brought very valuable results, but the condition in the air of an air tunnel is not the same as that of actual flight and a model will never act the same as a full sized plane in flight. Models suspended from a plane while flying have been experimented with, but this did not prove wholly successful. Experimenting with full sized planes while in flight is still in the beginning stages, but it has already proven its superiority to the other methods.

Will be on Sale Wednesday

The March issue will be placed on sale Wednesday, March 8, and may be obtained from the usual places around the building and from the subway news stands.

Show Your Check

The Circulation Department of THE TECH has found it necessary to place guards over the newstands to prevent students from taking papers to which they are not entitled. All men will be required to show their subscription blanks or produce a nickel for every TECH taken.

The Honor System was established this year to save men the trouble of digging out a card each time they got their paper. Certain students, to put it mildly, have taken advantage of this opportunity and carelessly neglected to deposit five cents for their copies. A careful check-up on the distribution of the papers has recently been made by the Circulation Department, and it is estimated that some 200 copies are lost at each issue. This has made necessary the disagreeable task of guarding the papers.

CORPORATION'S TOUR VISIT SEVEN PLANTS

Dine with Alumni at Syracuse, Schenectady and Springfield

SPECIAL CAR FOR PARTY

With an itinerary including four cities and seven big manufacturing plants, Corporation XV is inaugurating its first extensive tour, which will be made during the last half of the coming examination week, March 15 to 18 inclusive.

Leaving Boston the evening of March 15, the party will visit Syracuse, N. Y., the next morning and the following day proceed to Schenectady, and from there by way of Albany to Springfield, Mass., on March 18 arriving in Boston late that Saturday night.

Estimate Cost at \$50

Liberal estimates by the Corporation Committee in charge of the trip place the expenses of the tour at \$50 maximum, which figure includes meals and other expenses. The party will be limited to 32, unless special arrangements are made. The committee announces that detailed information regarding the trip may be obtained from the bulletin board in room 1-180 or from the officers of the Corporation. Final arrangements and the final payment for the fixed expenses of the trip are to be in the hands of the committee not later than March 8.

The complete itinerary as given out by those in charge is as follows:

Wednesday, March 15
Leave Boston (South Station) at 7:35 o'clock on the Corporation XV Special Sleeper, arriving at Syracuse, N. Y., on the morning of Thursday, March 16.

Thursday, March 16
Morning and afternoon: Inspect the plants of the Solvay Process Company and H. H. Franklin Manufacturing Company, under the guidance of Technology Alumni.

Lunch at the Merrell-Soule Company as guests of the company. Demonstration of their food products.

Evening: Dinner meeting with Technology Alumni. Talks by company officials and informal reunion. Dancing party or other entertainment arranged by L. W. Conant '21. Sleep in Corporation XV Special Sleeper at Syracuse.

Friday, March 17
Early morning ride (in sleeper) to Schenectady.

Morning and afternoon: Inspect the plants of the General Electric Company, giving special attention to production and administrative methods.

Lunch at General Electric Company's dining room.

Evening: Dinner at Union College with talks by Technology Alumni. Entertainment or theatre party at Schenectady or Albany.

Sleep in Corporation XV Special Sleeper at Albany.

Saturday, March 18
Early morning ride (in sleeper) to Springfield.

Morning and afternoon: Inspect Rolls-Royce and American Writing Paper Company plants where quality production will be observed.

Evening: Dinner meeting with Technology Alumni. Short talks or entertainment.

Leave Springfield at 8:30 o'clock P. M. in Corporation XV Special Pullman Sleeper, arriving in Boston at 11:20 o'clock P. M.

MUSICAL CLUBS GIVE CONCERT WITH TUFTS

First Joint Concert Will Be Held in Somerville High School Hall

TICKETS TO BE \$1 A COUPLE

The joint concert with Tufts, to be held Saturday, March 11, in the Somerville High School hall, promises to be a popular concert, for a fine program is planned, and the price will be 50 cents apiece or \$1 per couple. Dancing will follow the concert until 12 o'clock. The music for the dancing will be furnished by the Technology Musical Clubs' Jazz Band. Tickets for the concert may be obtained from members of the Musical Clubs.

This is the first concert given by the Clubs in conjunction with a neighboring college. Numbers will be presented by the Clubs of each school. After the concert the Jazz Band of Technology will play for dancing, which will last until midnight. This Jazz band furnished the music for one of the concerts of the winter trip and they also played at the tea dance given February 18, under the auspices of the Walker Memorial Committee for the benefit of the Clubs.

ELECT SENIOR CLASS DAY COMMITTEE TO-DAY

Ballots Include the Names of Forty-Nine Nominees

The Senior Class will hold elections today for members of the Senior Class Day Committee. The polls will be open from 9 to 5 in Room 3-115. Members of the Senior Class only will vote, and of following 49 candidates, 25 will be elected to the Committee. The nominees are as follows: T. W. Alder, A. B. Allard, E. A. Ash, T. N. Berlage, J. A. Bowers, J. L. Boyer, M. B. Bradley, C. E. Brokaw, A. J. Browning, C. W. Bryden, L. W. Carroll, Yardley Chittick, K. P. Coachman, L. K. Cowie, L. B. Davis, W. T. Ferguson, T. H. Gill, G. D. Godard, W. J. Grady, W. B. Gurney, Sydnor Hall, W. W. Harris, G. A. Holderness, H. J. Horn, A. B. King, D. R. Linsley, R. M. Littlefield, S. P. McConnell, C. T. McGrady, A. E. Meling, W. H. Mueser, P. S. O'Brien, J. C. Patty, J. W. Poole, G. W. Potter, H. E. Rocketteller, R. C. Rundlett, J. E. Sallaway, W. M. Saunders, H. Schley, H. M. Shirey, J. W. Strieder, E. J. Thimame, W. M. Thomson, A. R. Toton, L. S. Vadner, E. W. Vilett, F. D. Webster and O. G. Williams.

Two ballots will be issued to each voter, one being used for the election of the Senior Class Day Committee, which will be conducted according to the Hare-Spence system, and the other for balloting for the three marshals, to be carried on under the Australian system. This method of holding the elections was approved yesterday afternoon by the Institute Committee.

AIR SERVICE MEN HEAR CELEBRATED ARMY FLIER

Movies of Flying Shown at First Aero Smoker

The air service men of the Institute met in the Main Hall of Walker yesterday at 8 o'clock to hold their first smoker. The speakers were Major Wolley, Lieutenant Moffatt, and C. L. Allen.

Major Wolley of the Massachusetts National Guard spoke very amusingly of his first experiences with the first American pursuit unit in France, near Chateau Thierry. The work consisted of protecting camera planes and observation balloons, and driving down the German balloons.

JUNIOR WEEK PROGRAM TO BEGIN APRIL 15

Junior week plans are well under way, the committee having arranged the program printed below. The affair will start with a spurt on Saturday, April 15, and end with performances of the Tech Show at Northampton.

The prices for the tickets have been decided upon and are as follows: Junior Promenade, \$11 per couple; Spring Concert, \$6 per couple, and the Tech Show seats, \$2.50 for highest priced orchestra seats and \$3 for the box seats. All of these tickets are expected to be sold without war tax.

PROGRAM FOR JUNIOR WEEK

Saturday, April 15

1:20 P. M.—Technique Rush.
Afternoon—Tea Dance, Walker Memorial.
Evening—Fraternity Dances.

Monday, April 17

Afternoon—Spring Track Meet.
Evening—Spring Concert of Musical Clubs, Hotel Somerseset.
Evening—Public Performance of Tech Show, Boston Opera House.

Tuesday, April 18

Afternoon—Undergraduate Performance of Tech Show, Boston Opera House.
Evening—Alumni Performance of Tech Show, Boston Opera House.

9 P. M. to 4 A. M.—Junior Promenade, Copley Plaza Hotel.

Wednesday, April 19

Two performances of Tech Show at Northampton.

VARSITY FIVE SEEKS UNIVERSITY'S SCALP IN WALKER TONIGHT

Engineer Team Ready for Crimson Invaders in Final Game

RECENT VICTORIES MAKE HOME TEAM FAVORITE

Harvard in Midst of Slump After Beating Brown in Slow Contest

Coach Allen's charges wound up their season's practice with a short session yesterday afternoon and are all set and eager for tonight's fray with the Johnnies. There will be no freshman contest so that the varsity will go on the floor at 8 o'clock to play its last game for this year. Coach Allen has been watching his men very closely during the past few weeks of their winning streak and says he is willing to predict an Institute victory. Coach has never been what might be termed an optimist so that when he makes a statement like that it means something.

Harvard Beat Brown

Harvard defeated Brown disastrously Tuesday night while the Bruins game with the Engineers was a heart-rending affair with the Institute lads pulling a win out of the fire in two extra periods of play. This might not appear bad for Cub Hubbard's five tonight but the real dope tells a different story. The contest was slow from start to finish and the losing aggregation showed none of the whirlwind playing and snappy teamwork that characterized their meeting with the Engineers. The winners themselves were but little better, although both Roscoe Fitts and Rudofski, regulars who had been laid up by illness, were back in their old berths. The brand
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WANT TECH CIRCUS AN ANNUAL AFFAIR

Institute Committee Will Take Action on Student Conduct in Walker

Because of the marked success of the Tech Circus, the Institute Committee is taking action to make the affair an annual event. In accordance with a motion passed at its meeting late yesterday afternoon, a committee will be appointed to co-operate with the Circus committee in an investigation into the best way in which to conduct the affair next year.

It was likewise decided to post in Walker Memorial to the effect that no disorderly conduct will be tolerated. Offenders will be notified by the Walker Memorial Committee, and will be subjected to trial by the Institute Committee. This body will submit its findings to the Dean, in whom final authority to mete out punishment is vested.

Architects May Be Represented

Following an announcement on the part of Albert Kruse '22, as to the aims of the Student Council of the Architectural Department, and its desire to co-operate with the Institute Committee, a number of men will be designated to investigate the possibility of granting the organization representation. The Council was inaugurated last fall, and with the co-operation of the Faculty, has brought about the abolishment of the system of having proctors at examinations.

The absentees were D. R. Lindsley '22, D. H. McCreery '22, L. P. Marsh '24, and W. W. Russell '22.

CALENDAR

Tuesday, March 7
7:30—Meeting of Advisory Council on Athletics, Engineers' Club, 2 Commonwealth Ave.
7:30—Chemical Society smoker, main hall, Walker.
7:30—E. E. Society smoker, north hall, Walker.
Wednesday, March 8
6:30—Class of '98 dinner, north hall.
7:30—C. E. smoker, main hall, Walker.
Thursday, March 9
8:00—Meeting of the A. A. U. P., faculty dining room.
Friday, March 10
5:00—Professor Haven's bible study group meeting in room 10-427