

TECH NEWS



VOL. 8

WORCESTER, MASS., FEBRUARY 13, 1917

NO. 18

Tennis Association

New Plans Launched

During the noon hour last Friday, a group of men who are interested in tennis, particularly as a varsity sport, met to form a tennis association. Vinal was elected president, and Tomblen manager. A committee was also appointed to decide on the qualifications necessary for membership in the association.

The purpose of these men is to form a varsity tennis team and to provide for matches with other colleges. It is expected that half a dozen matches will be scheduled for this spring, several men making each trip.

TECH NIGHT A SUCCESS Big Crowd in Spite of Snow

Even the worst blizzard of the winter could not keep Tech men away from Poli's Monday night. Four hundred strong, they were there before half-past seven and stayed to the end. For it was Tech Night, and, even as Manager Meehan told us he was always glad to see Tech men, so are we always happy to see the arrival of Tech Night at Poli's.

Noise reigned supreme—except during the vaudeville acts themselves. The way in which the general student body tried to give the actors a fair chance to put their acts across, was a decided improvement over previous years.

Songs and cheers were many. Then Manager Meehan came out front and gave us a little curtain speech. That was the signal for more cheers, and so the evening went.

The program itself was varied and interesting. However, the stage didn't interest us all the time, for someone discovered an additional act, (man and woman) in the back row. But to return—

Tech Night, as always, was a success. It seems to be one of the few times in the year when Tech men in a body get out and show their spirit.

NITROGEN FIXATION Subject at Sigma Xi

Tomorrow evening the W. P. I. Chapter of the Society of Sigma Xi will hold its second regular meeting, in the E. E. Lecture Hall, at eight o'clock. Warren K. Lewis, Ph. D., Professor of Chemical Engineering at M. I. T., and Member of the National Board for Investigating Synthetic Nitrogen Production, will be the speaker. His subject is: "Nitrogen Fixation a National Duty." All Tech men are cordially invited to be present, as are also any others interested in this timely subject.

TECH-CLARK CONCERT

The Musical Clubs wish to announce that the annual Tech-Clark Concert will be given on April 17 in Mechanics Hall. Further information about this concert will be given in later issues of the NEWS.

Show Cast Picked

Sargent and Roden Stars

The Tech Show management has announced that the show, "Too Many Red-heads" will be held in Tuckerman Hall as has previously been the custom. The show will be given on Thursday and Friday before spring vacation, March 29 and 30. On Thursday night there will be a special attraction in addition to the regular show performance. This will be described in detail in a later issue of the NEWS.

The final cast has now been chosen. The leading part, that of Billy Enright, will be taken by Howard P. Sargent, '18. George R. Roden, Jr., '20, will be the leading lady, Ruth Eaton. The comedian part, Hawkins, general handy man, will be presented by Arthur Bird, '17. The work of Bird and Sargent will be remembered from last year's show; this is Roden's first appearance in a Tech production.

Others in the cast are: Bud Eaton, Austin Welch, '19; Dick Wheeler, C. C. Moore, '18; Elliott Wright, N. C. Huggins '18; Russell Barnes, W. M. Putnam, '17; Dan Leach, C. A. Perkins, '17; Kitty, Dick's girl, R. K. Beedle, '20; Gladys Russell's girl, R. L. Strong, '20; Mildred, Elliott's girl, H. S. Walton, '20; Eliza Arnold, W. V. Sessions, '17; Mary Ann Arnold, J. Q. Holmes, '20; Adam Skinner, W. B. Clarke, '20; J. Henry Reed, H. E. Drake, '20; Theodore Abbott, K. R. Perry, '20; and Mary Malloy, Stewart Briggs, '19.

With this "all star" cast and Fred Carroll behind it, the Show promises to be the best ever produced.

SOPHOMORE BANQUET

State Mutual Scene of Affair

The Sophomore Banquet was held last Wednesday night in the small banquet room of the State Mutual restaurant. While attended by only sixty-five 1919 men, about half as many as were present at the Freshman banquet last year, enthusiasm was not lacking by any means. The affair began early, 6.30 p. m. being the time set, but many after-dinner speeches postponed the adjournment to a late hour.

After an excellent menu, President A. H. Welch introduced H. A. Whitney, who answered to the toast of "A Mechanic's Ideal." Professor Morley, Professor Carpenter, and Mr. Brough represented the faculty in the subsequent toasts. H. L. Mirick, G. R. Rich, and A. C. Sears represented the Electrics, the Civils and the Chemists respectively, while Hareus, Humphrey, Arnold, and Rutherford spoke for the class in general.

An interesting feature of the banquet was the presentation of silver footballs
(Continued on Page 3, Col. 5)

Musical Clubs' Dance

Tonight at Gym

The Musical Clubs are to give a Concert and Dance in the gymnasium this evening at eight o'clock. The concert will last about an hour and will be followed by dancing until twelve. The Tech Orchestra will furnish music for the affair. The dance order of twelve dances has been posted in Boynton Hall. This will be the only concert given on the Hill this year. Present indications show that it will be the best ever and worthy of everyone's presence.

The concert program follows:—
ORCHESTRA—Selection from Katinka—
"Scarf Dance" Chaminade
GLEE CLUB—"The Boatswain Bold"
LYONS
MANDOLIN CLUB—"Ali Baba" Miller
READING—Selected R. K. Beedle, '20
QUARTET—"Mandy Lou" Lynes
Messrs. Tallman, Trull, Padgett, Wood
GLEE CLUB—March—"Up the Street"
Morse
MANDOLIN CLUB—Waltz—"Elaine"
BRAXTER
READING—Selected
GLEE CLUB—"Medley from the South"
Arranged by Pike
ALMA MATER

INTERFRATERNITY BASKETBALL

Two More Games Played

With only two games of the Interfraternity schedule played this last week, there is little change in the league standing. Alpha Tau Omega dropped back into the 333 class while Phi Gamma Delta and Lambda Chi Alpha still maintain their places at the head.

The Delta Tau—Sigma Alpha Epsilon game scheduled for Monday, February 5, was postponed on account of a conflict with Tech Night at Poli's.

Tuesday afternoon, Alpha Tau Omega suffered a decisive defeat at the hands of Lambda Chi Alpha. The losers did not succeed in placing a single basket in the first half of the game, and although they made more points in the second half than the victors did, they were unable to overcome the handicap.

The lineup:
ALPHA TAU OMEGA—9
22—LAMBDA CHI ALPHA
Darling f Roraback
Tomblen f Haycock
Cutler c Freeman
Mossberg g McCaffrey
Converse g Lawton

Baskets from the floor: Tomblen 3, Cutler, Roraback, Freeman 4, McCaffrey 2, Haycock. Baskets on free tries: Darling, Freeman 6. Referee, F. C. Brough.

The second game of the week, played Wednesday evening was an easy victory for Phi Gamma Delta. Archibald alone
(Continued on Page 2, Col. 5)

Relay Races

Juniors Star in Trials

The two preliminary relay races were run off last Thursday at five o'clock on the outdoor track. The Juniors took the Seniors into camp in fast time, only one-fifth of a second behind our interclass relay record, while the Sophs romped home ahead of the Freshmen in a somewhat slower race. From the results of these races, it would seem that the Juniors were to have their own way in the finals. If so, that will make the second leg for the permanent possession of the relay cup.

The first of the relay races were run last Thursday at five o'clock on the outdoor track. In the first race the upperclassmen competed and in the second the two lower classes ran against each other.

Hall and King started for the upperclassmen and on the first turn the Junior got the pole and kept it all through the three laps giving Knowlton a lead of three yards over Gardner. The latter lost somewhat and Knowlton was able to give Schmidt a head start of a third of a lap over Quimby. The latter lost a little more, so Green was almost a half of a lap ahead of Francis in starting. Francis ran at his utmost at the start but was not able to keep it up so the Juniors won by a third of a lap. The time was 3 min., 18 2-5 sec.

(Continued on Page 3 Col. 2)

DR. MEES ADDRESSES TECH MEN

Head of Eastman Laboratory Talks

Last Tuesday night, about seventy-five Tech men were fortunate enough to hear Dr. Mees, head of the experimental laboratory of the Eastman Kodak Company. Dr. Mees was delivering a series of lectures at M. I. T. and consented at short notice to come to Worcester. His talk, which was illustrated with many views and diagrams, was on the subject of "Getting Wisdom." He spoke interestingly on the methods used in the Eastman laboratories at Rochester, N. Y. in obtaining the most efficient collaboration between the various physical and chemical departments.

Dr. Mees brought out the point that the chief advances in modern science were being made in technical laboratories rather than in the universities as formerly.

CALENDAR

TONIGHT—5 p. m. TECH NEWS Staff Meeting. Room 20, Boynton Hall.
8 p. m. Musical Clubs' Concert and Dance in Gym.

WEDNESDAY—8 p. m. Sigma Xi meets. E. E. Lecture Hall.

THURSDAY—5 p. m. Interfraternity Relays, on Board Track.

MONDAY—5 p. m. Interfraternity relays.

TECH NEWS

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The TECH NEWS welcomes communications but does not hold itself responsible for the opinions therein expressed.

All material should be in before Thursday noon at the latest in order to have it appear in the week's issue.

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THE DAVIS PRESS

FEBRUARY 13, 1917

BOOST TECH

This issue of the "News" has been in charge of Associate Editor, J. F. Kyes.

Editorials

At the time of a national crisis, it is natural for American citizens to consider their duties toward the State. The question comes to all of us, "What is the part that we can play? How can we contribute to our country's welfare?" To answer this for ourselves is perhaps more than can be expected, so we seek the judgment of men who are more familiar with national affairs. For this reason the report in the February issue of the Journal of the American Society of Mechanical Engineers, page 151, of President Hollis'

address before the Cleveland Board of Trade on "Efficiency and Democracy" should be of interest to all truly patriotic Tech men.

The NEWS is temporarily without an editor-in-chief, owing to the resignation of Harry S. Cushman, '17. "The Chief" has, we are sorry to say, decided to withdraw from Tech and pursue other lines of activity. We of the NEWS staff wish at this time to express our hearty appreciation of the faithful work which Mr. Cushman has put into the paper during the past season. We are sure that the whole student body will join with us in wishing "Cush" success, wherever he may be.

For the few weeks which remain before the regular February elections, the responsibility of getting out the NEWS will be divided among the several candidates for the position of editor-in-chief.

TENNIS

Just a word to help along the commendable movement now on foot here at Tech to make tennis one of our regular sports. The game itself is one of the cleanest, most wholesome sports known, and exceedingly interesting to watch. It surely deserves a place in Tech schedules. We have some very promising material, and should start off well in this new venture.

We urge every man to forward this new project, if possible, by attending the informal dance on Washington's Birthday, the proceeds from which will help to finance the tennis team this spring.

SAND

Sand, plain, ordinary sand, is in constant use on the car tracks on such days as these. Sand is also a good thing for a Tech man to have around when things begin to speed up after mid-years. We know that things are pretty stiff this time of year. So do the car lines. They put on sand. Why? To get friction. Take a lesson from that. When "preps" come hard and social affairs are tempting, don't drift. Throw on the sand—and stick. You may groan and spark some getting up the grade, but you'll make it. It's not the fellow who makes some fuss about his standing that loses out; it's the fellow who slides, and says nothing. So, when it's slippery, put on the sand.

FRESHMEN TO BANQUET

The Freshman Banquet will be held on February 20, at the State Mutual Restaurant. Tickets are now on sale, and from all indications, practically every 1920 man will be present to participate in this, the big event of Freshman year.

From the hard work which has been put into the plans so far, it seems sure that the evening will be a very enjoyable one. Several of the most popular professors on the Hill are to be star attractions, and a "whale of a time" is promised to all.

The committee in charge is composed of G. R. Roden, Jr., chairman; T. B. Card, G. A. Midwood, and H. A. Brooks.

SOPHOMORE ELECTIONS

At a recent meeting of the class of 1919, A. H. Welch was re-elected president of the class. A. G. Carlson won the vice-presidency on the second ballot. D. T. Canfield was elected treasurer, but no majority was announced in the balloting for secretary.

This Wednesday Evening

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INTERFRATERNITY BASKETBALL

(Continued from Page 1)

won more points than the entire opposing team from Phi Sigma Kappa. This victory leaves Phi Gamma Delta with a perfect score. The game against Lambda Chi Alpha which will probably determine the championship of the league for this season was to have been played during exam week.

The line-up for last Wednesday's game: PHI GAMMA DELTA—39

16—PHI SIGMA KAPPA
Lockey f f Bauder
Waddell f f Morse
Archibald e e Bronson
Smith g g Burleigh
Webster g g White

Goals from the floor: Loekey 2, Waddell 5, Archibald 6, Smith 2, Webster 2, Bauder 4, Morse 4. Baskets from free tries: Archibald 5. Referee, F. C. Brough.

INFORMAL THE TWENTY-SECOND

The informal dance which is to be held in the Gymnasium Washington's Birthday for the benefit of the Tennis Team is becoming very popular. Tickets are on sale in most of the divisions and in the stock room at seventy-five cents per couple. Hareus' Orchestra will furnish music for the occasion. Since the dance is on a holiday, it should be very well supported by all the undergraduates. Also, the occasion should prove a good chance for alumni who are in the city to get together for a social time. The Tennis Team, in order to carry out its proposed program for next year, needs your help, and this is certainly a very worthy cause. February 22 is the date, and the gym is the place. All you have to do is furnish her. Do it now before you forget.

A. I. E. E.

Notice of Change of Meeting

The meeting of the Tech branch of the A. I. E. E. which was to have been held the 16th of February has been postponed one week, so that the meeting will be at 8 o'clock, Friday evening, Feb. 23, 1917.

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RELAY RACES
 (Continued from Page 1)

For the under-classes Leonard led for the Sophomores, and Burns started for the Freshmen. Both made several false starts first and as usual "Charlie's" gun failed to go off three times so that he finally had to say "Go" to start them. The Sophomore gained the pole and held it. Wulf followed Leonard, running against Guillow. The latter followed for a lap and then passed Wulf on the straight-away but on the following turn lost his balance and went into the snow. This gave Greeley a lead of a half a lap over Stevens and the latter in his eagerness to make up the lost ground went off the track himself but did not lose much. Livermore and Needham were the anchor men and the Freshman ran well but could not make up for all the previous losses so that the Sophomores won by a quarter of a lap. The time was 3 min., 39 2-5 secs. The officials were: C. J. O'Connor, referee and starter, P. C. Pray, judge at finish, and H. W. Holden, timer.

Three interfraternity relays are scheduled for Thursday afternoon, and three more for next Monday. On Washington's Birthday there will be an Indoor Interclass Meet, with seven events. Entries for this must be in the hands of Manager Pray by February 18. In all the interfraternity relays, no varsity men will be allowed to compete.

BOILER TEST

An interesting 36-hour-continuous boiler test was run off last Thursday and Friday by the Senior Mechanics as part of their laboratory course. The test started at noon Thursday, running till midnight Friday, the men working in six-hour shifts, four men to a shift. Prof. C. A. Read and Instructor C. F. Merriam had charge of the work. All coal and water used was weighed, the various temperatures and pressures recorded, and the flue gas analyzed. A feature was the use of thermocouples installed by C. D. Haigis of the Physics Dept. in place of thermometers in finding the temperature of the flue gas. Comparative tests were made of the Kinnicut Water Weigher and the recording Venturi Meter.

N. Y. ALUMNI UP AND DOING

The annual meeting of the W. P. I. New York Alumni was held at the Hotel St. Dennis, 11 Broadway, on February 7. Over thirty members of the Association were present. After the dinner a business meeting was held at which the following officers were elected: President, P. E. Barbour, '96; First Vice-President, L. P. Alford, '96; Second Vice-president, J. P. Pierpont, '86; Secretary and Treasurer, F. O. Price, '00; on membership, E. W. Marshall, '93. The three speakers of the evening were: Professor Butterfield, who spoke of the new Gymnasium, Percy Barbour, '96, who told his experiences in Mexico, and John Jernberg, who related some of his experiences at Tech.

JUNIOR PROM PROGRESSING

The Junior Prom committee has decided to hold the Big Dance this year at the Bancroft Hotel, and tentative arrangements have been made to secure Mrs. Chaffin's Orchestra. Tickets will soon be on sale by representatives in each division at the price of \$5.00.

DEPARTMENT OF PHYSICAL EDUCATION NOTES

The bowling and squash tournaments will be started this week and the drawings will appear in another part of this issue. All matches posted should be played or rolled before next Tuesday and the results reported at the Gymnasium office. Each match in squash shall consist of the best two out of three games, and in bowling the larger total of three strings will determine the winner. There is still time to get more entries in even though the tournaments have started, and the late entries will be drawn against each other.

A new vacuum cleaner has been installed for greater efficiency in cleaning the mats, cleaning under lockers, radiators, etc.

An electric washing machine has been installed, and a Hill-Canton Dryer, together with a stock of towels, and the aim of the Department from now on is to furnish clean towels free of charge each time that a student takes a bath. The towels are marked "W. P. I. Gym" and are the property of the Institute and not to be taken from the building or kept in the lockers. A towel may be obtained each time at the towel room in the locker room and should be placed in the large basket provided as soon as it has been used. All towels should be taken from the lockers and an inspection will be made occasionally by the Director to be sure that wet towels are not being kept in the lockers. The new scheme will insure a more sanitary atmosphere in the locker room and will provide clean, sterilized towels for each bath.

SOPHOMORE BANQUET
 (Continued from Page 1)

to the members of the Sophomore football team. This presentation followed the awarding of numerals to those who had won them since the banquet last year.

BREDEBERG LEADS IN RIFLE MATCHES

The rifle team completed last Thursday the shooting for their third intercollegiate match of this season. Captain Bredenberg has the lead in each of these three matches with an average of 182. The schedule for this season has not yet been received from Washington but will probably be available for publication in the next issue. The unofficial scores for the third match are as follows:

| | Standing | Prone | Total |
|------------|----------|-------|-------|
| Bredenberg | 86 | 100 | 186 |
| Holton | 84 | 94 | 178 |
| Crane | 77 | 99 | 176 |
| Livermore | 78 | 96 | 174 |
| Janvrin | 73 | 94 | 167 |

881
 Those not qualifying were: Smith 165, Lewis 165, Darling 161, Sessions 161, Hollarith 159.

FACULTY ASSEMBLY


The Faculty will hold another Assembly in the gymnasium, Monday evening, February 12. It is to be a Valentine party. With the varied resources offered by the new gym, these Assemblies are proving very enjoyable indeed.



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Y. M. C. A. LUNCHEON Cabinet and Advisory Committee

China was the goal of the Y. M. C. A. Cabinet and several members of the Advisory Committee last Wednesday evening. At least, they got as far as a Chinese luncheon and a Chinese restaurant. Seated amid oriental surroundings and eating strange dishes, they could hardly realize that this was dear old Worcester—that is, until Mr. Edward F. Miner rose as master of ceremonies. From that time on, China was forgotten, as the various members of the Cabinet summarized their work, and obtained help for the future.

The object of the luncheon was to give the members of the Advisory Committee an opportunity to hear what work was already under way, so that they might give the younger men the benefit of their experience in coping with Association problems. Representing the older men, there were present: Edward F. Miner, Prof. A. D. Butterfield, and Winthrop G. Hall. The Cabinet was represented by: Secretary G. O. Pierrel, President M. H. Flint, Vice-President R. W. Hirst, M. C. Goddard, A. W. Francis, J. F. Kyes, C. S. Darling, R. H. Taylor, C. W. Kennedy, C. A. Thrasher, C. W. Parsons, and H. S. Howes.

COUNTY ENGINEERS MEET

A very interesting meeting of the Worcester County Section of the American Society of Mechanical Engineers was held last Thursday evening, following a banquet in the Bancroft Hotel. Mr. Charles H. Norton, mechanical engineer of the Norton Grinding Co., was the speaker of the evening, taking as his subject, "The Introduction of Cylindrical Grinding and Worcester's Part in Developing the Art." A nominating committee, consisting of R. G. Williams, J. N. Heald, and R. Sanford Riley, was chosen to report at the next meeting. Paul B. Morgan was presiding officer.

President Hollis, who had been expected to take part in this meeting, was detained in New York by an important session of the United Engineering Council. This Council was brought together through the efforts of Dr. Hollis, including in its numbers the presidents of the national organizations of Mechanical, Electrical, Civil, and Mining Engineers, and the president of the United Engineering Co. It hopes to render more effective to the nation the services of engineers in general. In Dr. Hollis' place, however, came a letter to the Section, in which were outlined some of the many ways in which civilian engineers could make themselves useful to the country in case the present national situation changed to one of open hostilities.

In brief, the nine avenues of service mentioned were: The Army engineering corps, land and sea defense of our coastline, service in the navy yards, and on board ship, inspecting of materials for war purposes, furnishing of transportation, and enlistment in the air service, or the medical and sanitary service.

CATHOLIC CLUB

The regular monthly meeting of the Catholic Club was held Tuesday evening in the Gym. President Hollis gave an interesting informal talk on "Patriotism." After his talk the Holy Cross quartet gave a few selections. Refreshments were served.

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PROF. Z. W. COOMBS BUSY ADVERTISING TECH

Prof. Z. W. Coombs lectured on the Institute at the Technical High School, Fall River, Mass., Wednesday, February 7. The lecture was illustrated by the stereopticon. He will give the same lecture at the Suffield, Conn., school the evening of the 13th, at the Ansonia, Conn. High School on the 14th, and at the Horace Mann High School, Franklin, Mass. on the 15th.

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