

TECH NEWS



VOL. 8

WORCESTER, MASS., FEBRUARY 6, 1917

NO. 17

M. A. C. Wins

Tech lost her second relay race of the season, last Saturday night, to the quartet representing Massachusetts Agricultural College. The race was run at the B. A. A. meet, and proved in its result anything but satisfactory for Tech. Tech won the toss and obtained the pole, and at the start everything looked rosy for a very successful race. "Art" Green was lead-off man and started off at a fast clip, but he had not gone more than two thirds of one lap when somehow he dropped his baton. It was said that this happened just as he was passing the lead-off M. A. C. man, and of course he had to stop to pick it up. This necessitated his losing about thirty yards and it proved to be too much for the men to make up. By some very clever work, "Art" managed to make up some of the lost ground, so that when Knowlton began, he trailed his opponent by about twenty-five yards. Knowlton ran a hard race and at the end of his third lap had about five more yards to give Schmidt to work on, who was the third runner for Tech.

Schmidt easily held his ground with the third runner for M. A. C., but did not succeed in gaining any of the lost ground. "Al" Francis, of cross-country fame, went as anchor man for the Crimson and Gray, and in spite of the fact that this was a new form of sport for him, he managed to gain a couple of yards against Pratt of M. A. C. Francis finished about eighteen yards in the rear of Pratt. The time for the run was 3 minutes and 19 seconds, and all of the men agreed that the result might have been much different had it not been for the mishap. The baton which was used, was unusually large and clumsy, so that Green is not criticised for the loss of the race. All of the men ran a fine race and now they are all the more determined to win the next race which is with Rhode Island State College.

MUSICAL CLUB CONCERT AND DANCE

Tuesday, February 13, at 8 p. m. in the Tech Gym, the Musical Club will hold a concert and dance. The concert will start at 8 and last one and one-half hours; dancing following until 12 p. m. The dance will be informal and music will be furnished by the Tech Orchestra. This will be the first function after "Mid-Years," in which you men will have a chance to get together and forget your troubles. Now men, let's all come out and make this event a great success both socially and financially. Gentleman's tickets, 50 cents; gentleman with lady, 75 cents.

Walking has been adopted as an inter-college sport between the different colleges of Cornell University.

Interfraternity Basketball

Tie for Lead

In the three games of the Interfraternity Basketball series played this week, the league standing was considerably changed, Sigma Alpha Epsilon and Theta Chi dropped out of the thousand class, while Delta Tau climbed out of the cellar, Lambda Chi Alpha and Phi Gamma Delta still maintain perfect records.

The first game of the week, Monday evening, was a fast and close-fought battle from which Phi Gamma Delta was finally able to rescue the better end of an 18 to 14 score. The remarkable series of baskets on free tries made by Archibald turned the balance in favor of the winning team.

The line up:

PHI GAMMA DELTA—IS 14—THETA CHI
Lockey f f Reavey
Waddell f f Griffin
Archibald c c Whitlock
Webster g g Green

SMITH, Sessions g g Ericsson, Smith
Baskets from the floor: Lockey 1, Archibald, Sessions, Reavey, Griffin 2, Whitlock, Ericsson. Baskets on free tries: Archibald 12, Reavey 2, Whitlock 2. Referee, Professor Carpenter.

The second game, Tuesday afternoon, although not so close as to score as the Monday game, threatened for a time to pull the fast Lambda Chi men out of the winning class. At the end of the first half, the scorer announced Sigma Alpha Epsilon 11, Lambda Chi Alpha 8, but the latter settled down in the second period winning 17 points and holding their opponents to 8.

The lineup:

SIGMA ALPHA EPSILON—19
25—LAMBDA CHI ALPHA
Fraser f f Roraback
Heinritz, King f f Hincley
Wood c c Freeman
Hayford g g Lawton
Storrs g g McCaffrey, Haycock

Baskets from the floor: Fraser 4, Heinritz, Hayford, King, Roraback 4, Freeman, Lawton, McCaffrey, Haycock. Baskets on free tries, Fraser 3, Wood, Hayford, Freeman 9. Referee, F. C. Brough.

The third game, played Wednesday night, was another of those won in the second half. Phi Sigma Kappa ahead 7 to 5 at the end of the first half, succumbed in the second, winning but two
(Continued on Page 3, Col. 3)

PRESIDENT HOLLIS TO ADDRESS CATHOLIC CLUB

The regular meeting of the Catholic Club will take place Tuesday, February 6, at 8 p. m. in the reception room of the Gym, President Hollis being the speaker of the evening. The Holy Cross Quartet will render selections after the talk. Refreshments will be served.

Baseball Schedule

Six Home Games

Manager Butler has arranged the following schedule for the baseball team this year.

April 14—M. A. C. at Storrs, Conn.
April 19—Boston College at Alumni Field.

April 21—Open.

April 26—Norwich at Alumni Field.

April 28—R. P. I. at Troy, N. Y.

May 5—N. H. State at Durham, N. H.

May 12—Trinity at Hartford, Conn.

May 19—R. I. State at Kingston, R. I.

May 26—St. Anselms at Alumni Field.

May 30—N. H. State at Alumni Field.

June 2—M. A. C. at Alumni Field.

June 14—Stevens at Alumni Field.

In accordance with the new athletic policy the teams on this schedule are for the most part those that are in the same class as Tech and should furnish some good contests. With only one team do we play two games, N. H. State, whom we meet both here and at Durham. Stevens will furnish the opposition for the commencement day game, and in view of our past games with them this should prove very satisfactory. Trinity is the new team on the schedule.

The prospects for a team this year are good. The only men lost from last year's team are Captain Stone and Brooks. Luce and Tomblen, our box men, are rounding into shape under Coach Brough as well as several new candidates. Haycock, who was substitute catcher last year, is also out and will make a strong bid for a place on the varsity.

The battery candidates are working out every afternoon now with Brough in the Gym. J. R. Wheeler is Captain this year. "Jack" has played a stellar game for two seasons and is just the man to lead a successful team.

INDOOR TRACK MEET

Interclass Contests Coming

It is not too early to begin to make plans for the first track meet in the new gymnasium. The date set is Washington's birthday, and on that afternoon the classes are to engage in one of their semi-occasional furious athletic meets. Professor Carpenter's gymnasts confidently expect that one of the lower classes will carry off the chief honors, but the veterans can be counted on to put up a bitter fight. On the bill of fare for the big time will be a twenty-five-yard dash, quarter, half, and full mile runs, a high jump, a pole vault, and a shot put. There is also planned an interfraternity relay race which, if run, should prove interesting.

More details will be published in later issues of the News, but lest other engagements might be made, this early notice is given so that everyone may plan to be present at Tech's first indoor track meet.

Rifle Team Shoots First Matches

Small Targets Used

The Tech Rifle Team finished shooting its first intercollegiate match of the season last week. The scores as compared with the work of the team last year were low, due principally to the fact that the new targets this year have much smaller bull-eyes, it being much more difficult to shoot a high score. The official results of the match have not as yet been received from Washington, but the unofficial results are as follows:

Bredenberg	178
Livermore	177
Crane	165
Darling	164
Sessions	162

Total 846

Those not qualifying were: Lewis 154, Hollerith 152, Abbot 151, Janvrin 140, Taylor 142.

The individual rifle match for the cup which is on exhibition in the stock room has not as yet been finished. Results of the semi-finals were:

	Standing	Prone	Total
Lewis	97	99	196
Livermore	95	100	195
Bredenberg	95	100	195
Holton	Failed to shoot.		

The three above men will probably shoot this week, and the one obtaining the highest score will be declared the winner.

The rifle team has also just completed shooting its second intercollegiate match of the season and the unofficial scores are as follows:

	Standing	Prone	Total
Bredenberg	84	99	183
Livermore	85	97	182
Darling	76	97	173
Lewis	77	89	166
Crane	72	92	164

(Continued on Page 3, Col. 2)

CALENDAR

- TUESDAY—7.15 p. m. Interfraternity Basketball, A. T. O. vs. L. G. A.
7.30 p. m. Tech Show rehearsal, Room 26, Boynton Hall.
- WEDNESDAY—7.15 p. m. Interfraternity Basketball, P. G. D. vs. P. S. K.
8 p. m. Open meeting of Sigma Xi, E. E. Building.
- THURSDAY—4 p. m. Interclass Relays Juniors vs. Seniors. Sophomores vs. Freshmen.
- FRIDAY—8 p. m. C. E. Meeting. M. E. Lecture Room.
- MONDAY—4 p. m. Interclass Relays. Finals.
7.15 p. m. T. C. vs. D. T.
- TUESDAY—Feb. 13. Musical Club Dance, Gymnasium.

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 6, 1917

BOOST TECH

This issue of the "News" has been in charge of Associate Editor, C. A. Perkins

Editorials

To anyone who has attempted to navigate the walks on the Hill since the recent storm, one thing has been painfully evident. Very few of the paths have been properly sanded. In some places there is no sand at all, and in others a small handful is used to cover (?) several yards. The students and professors skid around the hill and occasionally get a fall. Within the space of a few hours four men living in the same house fell on the hill on the southwest corner of the grounds. This was about a month ago and curiously

enough this path was practically the only one that was made safe for travel after the late sleet storm. Cannot we have all the paths sanded, every time? It would prevent many a lost dignity and many a lost temper.

With the starting of rehearsals the same old question is heard on the Hill, "Where is it going to be?" For the last three years the show has been held in Tuckerman Hall, but this location is far from ideal. There is not a large enough stage or large enough seating capacity. Previous to this it was held at the Worcester but of late years it has been impossible to secure this theater on any dates that were convenient to Tech men.

This year another alternative has been suggested. It is that the new Gym be used. There are advantages and disadvantages. There would be no rental to pay and the Show would be a Tech production on Tech Hill. But on the other hand a stage must be constructed and scenery secured. This would of course be very expensive.

The Dramatic Association has this matter under consideration and we hope that events will so shape themselves that the new Gym will be the scene of the Fifth Annual Tech Show.

There is something radically wrong. There has been almost no interest shown in the relay team so far this season. Here is the one branch of athletics in which Tech teams have made a consistently good record, and yet this year when new men are particularly needed, there has been a sad lack of material. The big event of the year, the Penn Carnival, is still far enough away so that a good showing can be made, providing you men who can run—and there must be more of you than have shown themselves thus far—providing you men get busy right now, not next week or next month, but now and get in training. Now, both Coach O'Connor and Professor Carpenter will be in the gymnasium every Monday, Wednesday and Friday from five to six to work will track candidates. Make it a part of your schedule to be in the gymnasium tomorrow afternoon and get started on some real training. That one thing—training—will do more than anything else toward developing a fast team. Come out now for the sake of those men who in the past have upheld Tech's name on the boards, and for the sake of our present reputation. Let's go!

INTER-CLASS BASKETBALL

Followed by Informal Dancing

An inter-class basketball series to be staged during March has been suggested by Professor Carpenter. The interfraternity series has aroused such rivalry that interclass matches at the close of the fraternity tournament ought to make a fitting finish to the basketball season.

Professor Carpenter has suggested that these games be played on the three Saturday evenings of March, two contests being played each evening. Dancing for an hour or more after the games might be added by the committee in charge. Such a program for this proposed series could be carried out by a committee of representatives from the four classes.

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SIGMA XI OPEN MEETING On Fixation of Nitrogen

An open meeting of the Worcester chapter of Sigma Xi will be held in the Electrical Engineering building next week Wednesday evening. W.K. Lewis, Ph. D., who is professor of chemical engineering at M. I. T. and a member of the National Board for investigating synthetic nitrogen products, will deliver an address on "The Fixation of Nitrogen as a National Duty."

This subject is one of increasing commercial importance in this country. Norway has done a great deal in this way, and Germany is now making much ammunition from nitrates produced from the air, but the process is used to only a small extent in this country at present. Everyone is invited to the meeting.

DANCE IN GYMNASIUM

Rescue has come for the financial condition of the tennis team in the form of an informal dance in the Gymnasium on the evening of February twenty-second. The dance will be an informal affair in the gym proper, and its cost will be well within the reach of all Tech men, probably being seventy-five cents a couple. Tickets will be on sale among men in each division within a few days and a big success of the project is already assured. Since the dance is to come on a holiday, and since it is for the benefit of a very worthy cause, it should be very well supported by all the undergraduates. Watch for announcing posters which will be distributed in prominent places, and the News for further information. Dancing and special features from eight till twelve. Ask her now.

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MURRAY HERE TO START SOUTH AMERICAN STUDY GROUPS

The Tech Y. M. C. A. was very fortunate last week in setting up its South American Study Groups in having the services of Mr. J. Lovell Murray of the Student Volunteer Movement, an expert on such matters. Mr. Murray was here Wednesday and Thursday. He addressed the Friendship Committee Wednesday evening, and the Faculty Friday afternoon, setting forth what he termed the "world viewpoint," and showing the need of just such study as these South American groups will afford. At the meal hours both days, he spoke at a number of the boarding houses, organizing study groups wherever he spoke.

The groups this year will be more interesting and instructive than ever. A number of very fine leaders have been secured. The course is very broad, dealing with various problems and opportunities in South America, as set forth in Stuntz' book "South American Neighbors." This book is fresh from the press, and is founded to a large extent on facts brought out at the recent Panama Conference. The groups will meet immediately after supper in the boarding houses, probably Tuesday evenings.

If you are interested and are approached by no student concerning joining a group, inquire at the Y. M. C. A. office in the Gym for particulars.

RIFLE TEAM SHOOTS FIRST MATCHES

(Continued from Page 1)

Those not qualifying were: Smith 159, Holton 158, Sessions 150. Word has not been received from Washington yet as to who the opponents were in the match but this news together with the official scores will soon be forthcoming.

GARDNER TO SPEAK

On Friday evening Mr. Edward J. Gardner of the class of '11 will speak before the Civil Engineering Society in the Mechanical Engineering Building lecture room. His subject will be "Railroad Signaling." As Mr. Gardner is at present with the Signal Department of the B. & A. Railroad he should be very interesting. The lecture will be illustrated with lantern slides. The members and friends of the Society are cordially invited.

MUSICAL CLUBS TO GO TO LEOMINSTER

Friday evening the Glee and Mandolin Clubs gave a concert at Leominster. It was given in the High School Auditorium under the auspices of the Senior Class. A good sized audience was present.

There were numbers given by both the Clubs as well as readings, a cornet solo and a selection by the mandolin "quintet" of three members.

After the concert the men witnessed a basketball game. As the special car which the men used was to start at 10.15, the finish of the game could not be seen, but judging by the start the "red cross" must have had a busy night.

The trip ended with a raid on the Lincoln Lunch.

INTERFRATERNITY BASKETBALL

(Continued from Page 1)

points, while their opponents gained seven. Technical fouls were called by the referee in large numbers, but neither side was able to pile up a big score on free tries. The game was a slow one until well into the second period.

The lineup:

DELTA TAU—12 9—PHI SIGMA KAPPA
Hanckel f f Bauder
Bassett f f Morse
Hunt c c Bronson, Arnold
Fielder g g Jones, Morgan
Sharpe, Livermore, Lovell g g Burleigh

Baskets from the floor: Bassett 2, Fielder 2, Bronson 2. Goals from fouls: Hanckel, Bassett 3, Bauder, Morse 4. Referee, F. C. Brough. Timer, H. S. Freeman.

LEAGUE STANDING	G. P.	G. W.	P. C.
Phi Gamma Delta	2	2	1000
Lambda Chi Alpha	2	2	1000
Sigma Alpha Epsilon	2	1	500
Theta Chi	2	1	500
Alpha Tau Omega	2	1	500
Delta Tau	3	1	333
Phi Sigma Kappa	3	0	000

PROFESSOR ALLEN SPEAKS

Prof. Charles Allen of the Mechanical Department was the speaker at the monthly meeting of the local branch of the A. S. M. E., which was held last Friday evening in the M. E. Lecture Hall. Professor Allen's subject was the testing of water wheels after installation, and the lecture was illustrated by a large number of interesting slides. After giving a short explanation of the different types of water wheels, he spoke on the use of the dynamometer in measuring the efficiency of the wheels.

The larger part of the evening was spent in explaining the peculiar conditions found in the different plants where water wheels had been tested by the dynamometer method. The different slides showed the dynamometer in position for testing, the special features of the plants where the tests were carried on, and other interesting points regarding the installation and operation of the machine. The pictures had been taken by Professor Allen, and were a great addition to his interesting lecture.

INTER-CLASS RELAYS

The interclass relay races are to be run off on two dates this month. The race between the Freshmen and the Sophomores and that between the Juniors and the Seniors will be run off at 4 o'clock, Thursday, February eighth. The final heat will be run on the following Monday, February 12, according to the present plans of Manager Pray. Some of the men on the class teams have been doing considerable practice running lately and some extremely fast races are expected. This series of races will serve to bring out new varsity material in the lower classes.

TECH BANQUET

President Pomeroy of the Tech Council has announced the appointment of the Tech Banquet Committee. The members of the committee are Chester Hollerith '17, Thornton Stenberg '17, Frank Brackett '18, James E. Arnold '19, and Stanley McCaslin '20. No arrangements have been made as yet.



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CHEM CLUB REORGANIZED

Elections Under New Constitution
The Worcester Chemical Club breathed its last, Monday evening, January 22, in the lunch room in Boynton Hall. The forty members present voted formally to abolish the old society and reorganize under the name of The Sceptical Chymists. This name, suggested by Dr. F. Bonnet, Jr. is taken from an early work of Boyle's under that title. A new constitution was adopted with a view to increasing the interest in the new organization; and the current meeting was declared to be the first annual business meeting for the election of officers. The following officers were elected for the year February, 1917 to February, 1918: President, Leroy S. Converse, '18; Vice-President, Norman P. Knowlton, '18; Secretary and Treasurer, Dr. F. Bonnet, Jr.; two-year member of the council, Merle C. Cowden, '19, one-year members, Donald K. Patillo, '18 and Myrick Crane.

Membership in the new organization is to require a full year of candidacy. To become an active member it will be necessary to attend two thirds of the meetings for one year and to present an abstract or an account of original investigation at some meeting. It is expected that by putting somewhat of a premium on membership, more active interest will be aroused in the organization as a whole.

NEW GROUNDS COMMITTEE

The work formerly done by Mr. Balcolm as Superintendent of Buildings and Grounds will be divided up among three men. Prof. A. J. Knight of the Civil Engineering Department will be chairman of the committee and will have charge of the grounds and buildings. The other two members will be Prof. C. A. Read of the M. E. Department and Prof. C. D. Knight of the E. E. Department. Professor Read will have charge of the boilers and power laboratory and Prof. C. D. Knight will have charge of the wiring and lighting.

Twenty-five students of Harvard University will sail for France on February 17, to serve in the American Ambulance corps.

Ted Meredith, Pennsylvania's star runner, will meet Bill Bingham, the Harvard racer, in a dual run at the coming Harvard-Pennsylvania-Dartmouth indoor track meet.

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