

FAST SHORT DASHES ON BOARDS PREPARE RUNNERS FOR TRIALS

Quartermilers to Be Timed Next Saturday—Entirely New Team Must Be Built

Fast work over the shorter distances on the board track Saturday afternoon found most of the sprinters rapidly rounding into shape for the week of fall practice and the time trials which will end track work just before the exams. Coach Kanaly paid careful attention to the performances of his men as he put them through their paces and declared himself satisfied with their condition. "Those who are working faithfully will be in fine trim by the end of the week," the Engineer-mentor stated, "and I look forward to a good showing in the trials. There are still men of proved ability, however, who are not reporting and their indifference cannot fail to have harmful effect upon the teams. No team can be a true representative of Technology's strength if it is not supported by all the available athletic material at the Institute."

Run Three Trials

Final time trials closing the track season until January 2 will be held on Saturday, December 9, Monday the 11th, and Tuesday, the 12th. Saturday will be for the quarter milers and the day when both the Varsity and freshman mile teams will be tentatively picked. Monday will find the half milers contending for places on the two mile relay and the following afternoon the milers will complete the schedule showing their skill in the longer event.

Expect Keen Competition

With all of last year's Varsity mile quartet out of the game and a host of new men trying to fill their shoes, Saturday afternoon at least should bring to light some snappy runs with plenty of competition in evidence. Captain Art Smith has, of course, premier bid for a place but there remain the other three open to the ones who come the nearest to beating the clock around. The half hasn't called forth quite as many candidates as the 440 and as most of them are new men it is difficult to foretell just what may be expected of them. Charlie Snow and Elmer Sanborn both veterans of last year's relay are on hand but Elmer will undoubtedly transfer his attentions to the mile which is more in his line. Tuesday's trials will be largely the property of the cross country squad which will be the source of material for the four mile relay if one is determined on.

After the trials are over there will be no more regular practice for the track squad until the beginning of the second term. The track house will be open all during the exam period, however, and men who desire to keep in trim by light work can do so.

NEW YORK CITY CLUB DRIVES FOR MORE MEN

Special Appeal To Freshmen Made By Society

Officers of the New York City Club report gratifying results from the membership campaign now under way. Special efforts are now being made to enlist the interests of more freshmen.

The club met last week for the first time and made arrangements for securing tickets to New York at a reduced rate. A constitution is now being drawn up by A. H. Brown '26, president of the club, and will be submitted at the next meeting on Friday. Plans for a theatre party during the Christmas vacation in New York are also under way.

CATHOLIC CLUB HOLDS BREAKFAST NEXT SUNDAY

At a meeting of the officers of the Catholic Club last Wednesday the final plans for the Communion-Breakfast which is to be held at the Cathedral of the Holy Cross next Sunday were arranged. The breakfast is to take place after the nine o'clock mass.

Father O'Connor, the chaplain of the club, together with the officers, are in charge of the affair and they cordially invite all the Catholic students of the Institute to attend. Questions which have arisen since the last supper-meeting of the club, and a discussion of the various proposals made there will be taken up.

The speakers for the occasion are Cardinal O'Connell and Rev. Augustine Hickey, S.T.L.

Government Issues New Map

A large map of the oil and gas fields of the United States has just been compiled and published by the U. S. Geological Survey. This map, on a scale of 40 miles to the inch, shows locations of oil and gas fields, pipe lines and refineries. The map measures 49 by 76 inches and is sold for \$1 a copy by the Director of the U. S. Geological Survey, Washington, D. C.

Freshmen to Sign Again for Second Term Sports

Once again the wily frosh who would escape the boredom of monkey drill, that course which is listed in the Institute catalogue and dignified with the number PT 15, by trying his skill in athletics on some yearling team must signify his intentions of doing so by signing up in Coach Kanaly's office on the third floor of Walker. This includes all those who have signed up for sports this term, who if they have found them interesting enough to continue, must sign up again as well as those deluded ones who failed to jump monkey drill this term but are now ready to make up for their negligence. All hopefuls must have their names on the sheet relating to their particular sport before noon on Wednesday, December 13 or they will automatically sentence themselves to a long dreary term of cavorting on the floor of Walker gym.

STUDENT DIRECTORIES DISTRIBUTED THIS WEEK

The Directory of Officers and Students for the year 1922-1923 will be ready for distribution in the Information Office some time this week. All students who are registered this term are listed, with their course number, class, home town, and term address.

The list of members of the Corporation, officers, and members of the instructing staff is printed as usual, together with a calendar for the academic years 1922 to 1925. On the inside front cover is shown the reproduction of an aeroplane photograph of the Institute buildings.

NORWEGIAN CLUB PLANS CHRISTMAS VACATION

At the last meeting of the Norwegian Club its members decided to spend the Christmas vacation on a skiing trip in New Hampshire.

They will leave Boston on December 21 for a point in the New Hampshire mountains near Dartmouth, where they intend to begin their skiing excursion. The party will remain in New Hampshire until two or three days before the opening of the second term, the exact date of their return having not yet been definitely decided.

NEW BOOKS ADDED TO WALKER LIBRARY RACKS

Recently a new lot of books were added to the shelves of the Walker Library. These books cover many and varied subjects such as fiction, biography, travel, politics, sports, and drama. Following is a list of these books with their library numbers and authors.

- A-29 Airlie—In Whig Society.
- A-42 Allen—Foreman and His Job.
- B-91 Buchanan—In the Hands of the Arabs.
- B-97 Burroughs—My Boyhood.
- C-38 Cecil—Leisure of an Egyptian Official.
- C-68 Colcord—Instrument of the Gods.
- C-87 Coward—Terribly Intimate Portraits.
- C-87 Cox—Chasing and Racing.
- C-88 Cram—Towards the Great
- C-98 Curwood—The Country Beyond Peace.
- D-55 Dickinson—Chief Contemporary Dramatists.
- F-71 Fordyce—Trail Craft.
- F-91 Frederick Wilhelm—Memoirs of the Crown Prince of Germany.
- F-98 Furlong—Let 'er Buck.
- G-11 Gabriel—Evolution of Long Island.
- G-54 Glasgow—One Man in His Time.
- G-74 Graham—Traveling with a Poet in the Rockies.
- H-29 Harrington—Writing for Print.
- H-88 Hudson—Afoot in England.
- H-97 Hutchinson—If Winter Comes.
- K-48 Kilmer—Circus.
- K-57 Kipling—Songs From Books.
- L-43 Leacock—My Discovery of England.
- L-85 Longstreth—Laurentians.
- N-98 Nutting—Track of the "Typhoon."
- O-62 Oppenheim—The Evil Shepherd.
- P-23 Parks—How to Play Lawn Tennis.
- P-26 Passous—American Indian Life.
- P-41 People and Places.
- P-81 Ponting—Great White South.
- R-26 Ray—Driving, Approaching, and Putting.
- R-65 Robertson—Foundations of Japan.
- R-78 Roosevelt—Autobiography.
- S-25 Saton—Development in Japan.
- S-41 Schweitzer—On the Edge of the Primeval Forest.
- T-12 Taft—Modern Tendencies in Sculpture.
- R-22 Rasmussen—Greenland by the Polar Sea.
- W-25 Wharton—Glimpses of the Moon.

Williams to Have New Dormitory
A new dormitory has been authorized for Williams College, which is to be entirely occupied by freshmen. Work on the new building has begun in order to have it ready for occupancy next fall.

INTERESTING GAME DEMONSTRATES NEW BASKETBALL RULES

National Official Says Shifts Were Made to Increase Speed of Game

Last Friday evening in the Hemenway gym, a demonstration basketball game was staged under the direction of the Eastern Massachusetts officials board for the purpose of interpreting the new rules which have been adopted this year. The game was between two teams selected by head coach Ed Wachter of the Harvard squad. The officials were especially careful to catch every foul so as to bring out the differences between last season's rulings and those of this year. The members of the two teams showed exceptionally good form for this time of the season and the game was fast and hard fought throughout. The forwards on the winning team which was composed of a number of varsity men kept a good eye for the basket and this in addition to the clever team play that was shown made the game an interesting as well as an instructive one to the spectators.

During the period between the halves, Mr. Towers, a member of the National Rules Committee, and Coach Wachter gave a demonstration of some of the changes of last year's rules. After the game was over they continued the demonstration and answered all questions that were asked in regard to these changes. Mr. Towers said that all changes that the committee had made this year were adopted with the purpose in view of speeding up the game. Much time was lost and taken away from the game last year in the shooting of free throws awarded to either side because an opponent committing a technical foul.

Hence the main change this year was the classifying of certain things as violations which do not require the shooting of a free throw, but instead the ball is given to the player on the side opposing that by which the violation was committed, who puts the ball in play from out of bounds. It can easily be seen that much time is gained by this. Carrying the ball, taking steps, and the double dribble do not call for the throwing of a free throw now, but instead the ball is given to the opposing side opposite the place on the floor at which the violation was committed. This manner of putting the ball into play is only permitted to be done from the side lines,

the ball never being put into play from the end lines.

Another change from last year's rules is in regard to throwing up the ball between two players under or near the basket. Last year the rules stated that if two opposite players were fighting for possession of the ball under the basket it must be thrown up by the referee on the free throw line, this year this has been broadened so as to include any territory inside of the free throw lane and the free throw circle. Hence even if the ball is being competed for in the free throw circle back of the free throw line, it must be tossed up at the free throw line.

PROFESSOR LEWIS TALKS TO ROCHESTER CHEMISTS

Professor W. K. Lewis of the Chemistry Department gave an address on "Combustion" before the Rochester section of the American Chemical Society at its last meeting. The chief subject on which Professor Lewis spoke was that of coal and oil combustion, in which he explained the physical and chemical reactions that take place in the different types of furnaces.

The meeting was well attended by experts on fuels and problems relating to their use. Before the business meeting took place a dinner was given in honor of Professor Lewis.

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