THE TECH

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TECH WINS IN FENCING MEET.

SCORE 7 - 2.

No Trouble in Beating Springfield. Nickerson is Star.

Technology outfenced Springfield Training School Saturday, winning by the score of 7 to 2.

The meet was characterized by lack of form on both sides. Springfield lost several times by violating intercollegiate rules.

The Technology team outclassed Springfield in every way. The new men, J. W. Nickerson 1909 and V. C. Grubnau 1909, did some excellent work. Capt. Fleming excelled for Springfield.

Summary of Bouts:

1st bout—Nickerson, M. I. T. defeated Fleming, S. T. S.
2nd bout—Grubnau, M. I. T. defeated North, S. T. S.
3rd bout—Lange, M. I. T. defeated Hulek, S. T. S.
4th bout—Nickerson, M. I. T. defeated North, S. T. S.
5th bout—Fleming, S. T. S. defeated Lange, M. I. T.
6th bout—Grubnau, M. I. T. defeated Hulek, S. T. S.
7th bout—Lange, M. I. T. defeated North, S. T. S.
8th bout—Nickerson, M. I. T. defeated Hulek, S. T. S.
9th bout—Fleming, S. T. S. defeated Grubnau, M. I. T.

Officials—Ernest M. Loring, Technology; A. P. Cushing and H. S. Breckeridge, Harvard, judges. C. W. Ferguson, timer.

AGAIN DEFEATED.

Tech Basket Ball Team Loses to Williams. Score 24-11.

WILLIAMSTOWN, Jan. 11.—Williams opened her basket ball season tonight with decisive victory over Tech, 24 to 11. The Williams team was composed of five entirely new men, as Capt. Templeton did not play because of injuries. Horrax was the star.

WILLIAMS.		TECH.
Johnson lg.		Hargraves (Pettingill) rf.
Oakley rg.		lf. Cahill
Horrax c.		c. Wentworth
Waters, lf.		rg. Lamont
Fowle rf.		Nichols lg.

Score, Williams 24, Tech 11. Goals from floor, Horrax 3, Watters 2, Fowle 2, Johnson 2, Oakley 2, Wentworth 2, Cahill. Goals from fouls, Wentworth 4, Horrax 2, Cahill. Referee, Metzdorf, (Springfield Training School). Timers, Hobson (Williams) and Pettingill (Tech). Time, 20min. halves.

TECH OVERWHELMS ANDOVER.

Academy Hockey Team Shut Out by Institute. Score 7-0.

ANDOVER, Jan. 11.—Technology overwhelmed Andover Academy at ice hockey this afternoon on Rabbitte pond rink, making seven goals and shutting out the academy team.

Andover was crippled by the absence of seven regulars and was forced to play a defensive game throughout. The Tech men did fine work with so little practice this season. The summary:

TECHNOLOGY.		ANDOVER.
O'Hearn rf.		lf Pfau
Kelley lf.		rf. Cole
Fordx r.		r. martin
Pine c.		c. Twombly
Gould cp.		cp. Laurius
Davis p.		p. Nichols
Billings g.		g. Gifford

Score, Technology 7, Andover, 0. Goals made by O Hearn 2, Ford 2, Kelley 2. Referee, Connors. Time, 15m. halves.

FIRST ALUMNI DINNER.

1907 held its first alumni dinner Saturday evening at the Union. The speakers were Walter B. Snow, Pres. of the Alumni Asso.; Bursar Frank H. Rand, Prof. George F. Swain and Prof. Arlo Bates.

ACTING PRESIDENT NOYES HAILED AS PERMANENT HEAD OF INSTITUTE AT ALUMNI BANQUET.

INSTITUTE PLAN CLAIMED SUPERIOR TO ELECTIVE SYSTEM.

Idea of Using Copley Hall as Union Taken Up and Commented Upon By Several Speakers.

That the question of the presidency of the Massachusetts Institute of Technology has at last been permanent.y settled was the opinion expressed by Joseph P. Gray, '77, president of the Boston Manufacturers' Mutual Fire Insurance Company and a member of the Technology Corporation, at the annual dinner of the Tech alumni Friday night at the Hotel Brunswick.

The idea of using Copley Hall for a Union was spoken well of by several of the speakers, President Morss bringing the matter out strongly in his introduction of Dr. Noyes. Dr. Noyes commented on the idea very favorably in his speech.

JOSEPH P. GRAY 1877.

Gov. Guild was the first speaker. He took up the subject of technical education. He touched in his speech on the pride that Massachusetts takes in several of her scientific institutions.

He said in part:

"Technical education must not be pushed too far. There must be taught to the student history, philosophy and other broadening studies. The man must not only know how to make a living, but also to make a life."

Everett Morss, president of the Alumni Association, occupied the chair. He spoke of the movement among the students to secure Copley Hall for use as a Union. In introducing Acting President Noyes, he said:

"Many people have wondered why, a couple of years ago, Arthur A. Noyes was chosen chairman of the faculty. The reason is clear now. It was in order that he might be utilized as president of the Institute."

Dr. Noyes spoke, in part, as follows:

"Much as the matter has been discussed during recent years, it has seemed to me that there was no more important subject on which I could speak to you tonight than the principles underlying the Institute's system of education in engineering and applied science; for the relations of its field of work to that of other institutions can be understood and its lines of future development can be properly provided for only when those fundamental principles are appreciated. I shall incidentally speak of the educational progress of the past year.

"The higher education of men for the engineering or scientific professions involves three kinds of educational experience:

"First such studies, student activities and social surroundings as give breadth of view and scholarly interests, and develop in the student the personal qualities essential to cordial and effective relations with other men.

"Second, a thorough knowledge of the fundamental principles of those sciences upon which the future profession depends, a training in scientific method, and a development of the power of investigating scientific problems.

"Third—Specialized knowledge and practice in the branch of engineering or applied science constituting the profession itself, and original work in solving practical problems or in designing new structures or machines.

"These three sides of professional education I will, for brevity, designate the general training, the scientific training and the engineering or technical training.

"Let us consider now how the different types of institutions aim to meet these three requirements. The college, by its bachelor of arts course in the humanities and in the generalities of science, offers what, from the institute's standard of work, represents about three years of general training.

"The university in its schools of medicine or engineering then takes these bachelors of arts, without adequate scientific training, though perhaps with some scientific knowledge, and gives them in a period of three years more a combination of scientific and technical training.

FRANCIS R. HART 1889.

"The Institute, speaking generally, may be said to devote the first two and a half years of its courses to a combination of general and scientific training in not far from equal proportions, and to give the last year and a half to engineering or technical training.

"We believe that, aside from its professional aspect, the supplementing of general studies by a scientific training in the first three years gives a broader culture and a better preparation for life than the usual college course where there is no concentration of effort in any one direction and where the instruction in sciences is made subordinate. We believe, too, that the co-ordination of general and scientific studies throughout a single course gives better results rather than the plan of having the one precede the other.

"We question even the correctness of the fundamental principle of the university plan that the early years of a young man's education should be devoted to the acquirement of culture and the later years to scientific and technical training.

"We believe the opposite plan is the natural one: the young man must be thoroughly trained in the earlier years to work hard, to think clearly, to express himself well, and to attack and solve problems; that the expansion of his mental horizon which constitutes cul-

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SOPHOMORES LAND MEET BY AID OF FRESHMEN.

SENIORS LOSE IN LAST EVENT.

Victors Roll Up 27 1 2 Points. 1908 and 1911 Have Close Call.

With one record shattered and the outcome not decided until after the last event had been run, the Tech sophomores came out victorious in the annual indoor games Friday night, with 27 1-2 points to the seniors' 24 2-3. The freshmen followed, a third of a point in the rear, having 24 1-3 points. The juniors were last with 11 1-2 points.

To the freshmen, however, must be given the credit for helping 1910 to win, for it was by the work of the two first year men, White and Salisbury, in shutting out the senior star, Gimson, from better than third place in the half mile that the sophomores were enabled to maintain their slight lead. Had Gimson won the event, as was expected, the meet would have gone to 1908.

This contest was the best of the night, for P. D. White 1911, the winner, broke the Tech indoor record for the distance by over two seconds. His time for the ra· · was 2m. 11 4-5s.

Another record seemed on the point of being broken in the pole vault, as each time in the try for the record the bar was knocked off by a mere touch. On his first try for the height G. Schobinger 1908, had the pole break under him while in the air, but he escaped without being hurt. In the final result Schobinger, Salisbury and Capt. Orr tied for first place, the latter winning the toss for the cup. The points were divided.

In the high jump, Allen, the long-legged star of last year's team, made his first appearance for the season, and walked away with the event without trouble.

A very pretty race was seen in the one mile, in which a dark horse in the person of L. O. Mills proved himself the best by romping past the tape an easy first in the fast time of 5 minutes 1 1-5 seconds.

In the shot-put, Fred Moore of the junior class did better work than has been done in an indoor meet for several years, putting the weight 35 feet 10 3-4 inches. The summary:

35 yard dash—First heat, won by K. D. Fernstrom 1910; second, H. W. Blackburn 1908; time, 4 2-5s.

Second heat, won by D. R. Stevens 1911; second, W. J. Seligman 1911; time, 4 2-5s.

Third heat, G. Schobinger 1908, and H. Lockett 1910, tied for first; time, 4 3-5s.

Heat for second men, won by W. J. Seligman 1911; second, G. Schobinger 1908; time, 4 2-5s.

Final heat, won by W. J. Seligman 1911; second, K. D. Fernstrom 1910; third, G. Schobinger 1908; fourth, D. R. Stevens 1911; time, 4 3-5s.

40 yard hurdles, won by K. D. Fernstrom, 1910; second, G. B. Cummings 1910; third, G. Schobinger 1908; fourth, W. J. Pead, Jr. 1910; time, 5 4-5s.

440 yard dash, won by H. W. Blackburn 1908; second, K. D. Fernstrom 1910; third, G. B. Cummings 1910; fourth, H. Lockett 1910; time, 59 1-5s.

880 yard run, won by P. D. White 1911; second, W. C. Salisbury 1911; third, B. L. Gimson 1908; fourth, J. D. McKenzie 1911; time, 2m. 11 4-5s.

One mile run, won by L. O. Mills 1910; second, W. T. MacCreadie 1911; third, C. P. Eldred 1911; fourth, J. N. Stephenson 1909; time, 5m. 1 1-5s.

High jump, won by R. H. Allen · ·, height 5ft. 6in.; E. Stuart 1910 and H. W. Blackburn 1908, tied for second at 5ft. 5in.; G. Schobinger 1908 and F. Moore 1909 tied for fourth at 5ft. 3in.

Shot put, won by F. Moore 1909, distance 35ft. 10 3-4in.; second, C. W. Morrison 1908, distance 35ft. 6 1-4in.; third, J. H. Ruckman 1910, distance 33ft. 4 1-2in.; fourth, M. E. Allen 1908, distance 33ft. 2 3-4in.

Pole vault, T. W. Orr 1908, G. Schobinger 1908, and W. C. Salisbury 1911, tied for first at 10ft.; fourth, W. D. Allen 1911, height 9ft. 6in. Orr won