

### WHEATON TRACK SQUAD DEFEATS ARMOUR, 65-61

#### Nose Out Tech Runners In Last Event of Meet

#### PAUL AND STURM STAR

The Armour track team suffered its first defeat this year at the hands of Wheaton College at Stagg Field last Tuesday afternoon, by a score of 65 to 61.

Armour had better than a ten point lead in the early part of the meet, and still had a four point lead down to the last event, the broad jump, in which the opponents scored a "slam," throwing the balance of points in their favor. As usual, Hess won the two events in which he competed. This time he won the mile in 4:30.4 and the half mile in 2:06.9.

Paul and Sturm made as many points as ever. Paul took first place in the shot put and high jump, and a second place in the discus. Sturm ran exceptionally well, taking first place in three events, the hundred yard dash, the two hundred and twenty yard dash, and the quarter mile.

#### Summaries

100-yd. Dash—1st, Sturm, A; 2nd, Tillman, W; 3rd, Wiley, W. Time, :10.5.

220-yd. Dash—1st, Sturm, A; 2nd, Wiley, W; 3rd, Hirsch, A. Time, :22.7.

440-yd. Dash—1st, Sturm, A; 2nd, Crawford, W; 3rd, H. L. Fox, A. Time, :51.5.

880-yd. Dash—1st, Hess, W; 2nd, Evans, W; 3rd, Iverson, A. Time, 2:06.9.

1-mile Run—1st, Hess, W; 2nd, Sademan, A; 3rd, Iverson, A. Time, 4:30.5.

2-mile Run—1st, Hoeldtke, W; 2nd, Sademan, A; 3rd, James, A. Time, 10:33.8.

120-yd. High Hurdles—1st, Stough, W; 2nd, Kara, A; 3rd, Ed. Ransel. Time, :16.0.

220-yd. Low Hurdles—1st, Tillman, W; 2nd, Kara, A; 3rd, Hirsch, W. Time, :26.7.

Pole Vault—1st, Luckett, A; 2nd, Tied by Landis, W and Aldrich, W. Height, 10 ft.

Discus—1st, Walvoord, W; 2nd, Paul, A; 3rd, Burns, W. Distance, 107 ft. 10 ins.

High Jump—1st, Paul, A; 2nd, Aldrich, W; 3rd, Kara, A. Height, 5 ft. 4 ins.

Broad Jump—1st, Tillman, W; 2nd, Davies, W; 3rd, Swink, W. Distance, 20 ft. 4 ins.

Shot Put—1st, Paul, A; 2nd, Evans, W; 3rd, Kara, A. Distance, 44 ft. 7 3/4 ins.

Javelin—1st, Cordes, A; 2nd, Ed. Ransel, A; 3rd, Fredman, W. Distance, 143 ft 4 ins.

#### Glee Club Prepares For Spring Concert

Several important announcements were made at the last rehearsal of the Glee Club, Thursday, May 1, by the president of the club, W. R. Manske, '30.

At that time it was made known that the rehearsal for this week would be held tonight at 5:00 p. m., instead of this Thursday. The reason for the change is that Dr. Prothro cannot be in town to conduct the Glee Club's rehearsal on Thursday.

The rehearsal is in direct preparation for the Spring concert which will be held in the gymnasium at 7:00 p. m. on Thursday, May 15.

Those who have been in the choral group for one year are entitled to a watch charm and those who have already gotten a charm are entitled to an additional star on the emblem. President Manske has the charms for the deserving ones and he should be seen con-

### A. I. E. E. Hears Student Talks

Two talks, each given by students, were the feature of the regular meeting held last Thursday afternoon in Science Hall by the Armour Branch of the A. I. E. E. at 1:00 P. M.

The first talk was given by Frank Sanford, '30; on "Electric Refrigerating." Last summer Sanford worked for the Commonwealth Edison Company in connection with servicing refrigerators. From the experience gained at this time, he described the refrigerating apparatus and told of an interesting incident which happened while he was on a servicing job.

"Electric Tabulating" was the title and substance of the talk given by J. Taylor, which followed next. By means of a wiring diagram and an illustrated card, Taylor explained the operations and functions of the electric tabulating machine. The machine, though complicated, is used in a multitude of ways. The U. S. Bureau of Standards first developed the outfit for use in the taking of the census. Since then it has been invaluable in accounting and other fields.

Several important announcements were then made by the president, Pallenmeier, '30. On May 13 a banquet is going to be given by the Chicago section of the A. I. E. E. at the Sherman Hotel. In the past the Armour Branch has always been represented, and this year expect to be more so, for home talent is going to make itself known in a short skit. The price will probably be \$2.00.

The A. I. E. E. expects to conduct two more meetings this semester. One on May 22 and the other on May 29.

A speaker from the Bryant Electric Company will probably talk on May 22 and election of officers will be held May 29, along with the reports of the outgoing officers and committees.

The joint meeting which had been scheduled with Lewis Institute has been deemed impractical because of adverse conditions.

#### Math Professors Attend Convention

Dean Palmer and Professors Kratwohl, Teach, and Haggard, attended the Eleventh Annual Meeting of the Illinois Section of the Mathematical Association of America at Lake Forest College last Friday and Saturday.

Some of the topics of the program were as follows: The Reign of Probability, Fractional Derivatives, Illustrated Lecture of the New Chicago Planetarium, and Axial Coordinates.

cerning this as soon as possible.

Business Manager J. H. Kovarik has charge of ordering the white trousers which must be worn on the night of the concert. Members not possessing a pair and wishing to get them through the school must see Kovarik for details.

The Glee Club has made arrangements to sing over the radio through station WCHI on Wednesday, May 21.

### ARX NEWS

Some of the men about the Institute have been asking why Armour did not offer a course in Architectural Engineering as did many of the other colleges. They said that they thought they would prefer to study in a course which offered half engineering and half architecture.

The reason for the course not being offered is best explained by the office in that they consider that a man should not do two things at once. It is better for him to put his mind down to one thing at a time. The fundamentals of the engineers' profession are given along with the complete course in architecture and the relating subjects, in the existing course.

Peter Dalise, '33, can afford to feel proud now. In the judgment of the freshmen composition plates he was the only one to receive a First Mention.

The Seniors and Juniors are courting, "Charret-Poche," again. This is a subtle one.

Now is the time for all good men to come to the aid of the upperclassmen. Their problem is nearly done, therefore there will be a lot of "niggering" going on.

Don Hougen, '30, was around visiting his old haunts from his home in Wisconsin Rapids, Wis. We wondered why he did not spend more time here—and then we found out. Don is engaged to Miss Yolanda Bacci, sister of Hugo (Al) Bacci, '26.

Here is a second instalment in the list of books selected by the Committee on the selection of books for the Burnham Library as their choice for the foundation stones for an architects library.

Kimball, Fiske—"Domestic Architecture of the American Colonies and of the Early Republic." 1922.

Latham, Charles—"In English Homes." 3 vols. 1904-1909.

Letroilly, P. M.—"Edifices de Rome Moderne." 3 vols. 1874.

Major, Howard—"The Domestic Architecture of the early American Republic; and the Greek Revival." 1926.

Moore, Charles—"Daniel Hudson Burnham." 2 vols. 1921. "Palast Architektur von Ober-Italien und Toskan." 6 vols. 1886-1894.

Perrot, Georges and Chipiez, Charles—"Histoire de l'Art dans l'Antiquite." Translated by Armstrong. 6 vols. 1883-1894.

Pray, J. S. and Kimball, T.—"City Planning." 1913.

Prentice, A. W.—"Renaissance Architecture and Ornament in Spain." 1893.

Pugin, A. W. and A. W. N.—"Examples of Gothic Architecture Selected from Various Ancient Edifices in England." 1825, 1850.

Pugin, A. C.—"Gothische Ornament." E. C. K.

Dr. Daniel Protheroe, leader of our choral society, led the Illinois Bell Telephone Glee Club in a series of numbers that, according to the critic of the Chicago Tribune, was "unusually well done for an amateur singing group." Dr. Protheroe was praised very highly for his success with this group.

### ARMOUR TENNIS TEAM DEFEATED IN THREE MEETS

The Tech racket men received their second setback last Tuesday when they met the Loyola team on our home courts to tune of 5 to 2. Spencer took one singles match for the home team, and the other point scored was secured through the well placed efforts of Eddy and Schirmer in one of the doubles.

Results: Singles—Zwikstra (L) defeated Winkler (A) 6-3, 7-5; Dwyer (L) defeated Eddy (A) 6-0, 6-1; O'Connor (L) defeated Scott (A) 6-3, 7-5; Frisch (L) defeated Schirmer (A) 5-7, 6-4, 7-5; Spencer (A) defeated Le Mar (L) 7-5, 6-4.

Doubles—Zwikstra and Dwyer (L) defeated Winkler and Scott (A) 6-0, 6-2. Eddy and Schirmer (A) defeated Frisch and O'Connor (L) 6-3, 6-4.

Final Score—Loyola 5—Armour 2. On Wednesday the noted Notre Dame racquetteers defeated Armour by a 6-1 score. Scott was the only Armour man to win a match.

The "Y" College net men also joined the van guard and defeated Armour last Friday to the tune of 6-1. The men had an off day this time, and really should have done better.

Results: Singles—Back (Y) defeated Winkler (A) 6-2, 7-5; Chu (Y) defeated Scott (A) 6-1, 6-2; Eddy (A) defeated Westphal (Y) 7-5, 6-4; Cary (Y) defeated Schirmer (A) 7-5, 6-4; Shaw (Y) defeated Timmermans (A) 6-2, 3-6, 6-1.

Doubles—Beck and Chu (Y) defeated Winkler and Scott, 6-1, 6-0; Cary and Westphal (Y) defeated Eddy and Schirmer 6-3, 3-6, 6-3.

### Chemical Engineering Degree Given at Cornell

To meet with the demand for men trained in chemical engineering, the Department of Chemistry at Cornell has arranged with the College of Engineering to offer a joint curriculum leading to the degree of chemical engineer after five years of required and elective work. During the first four years, the students are registered in the College of Arts and Sciences, and on completion of the term will receive the degree of Bachelor of Chemistry. During the fifth year of residence, the student will be registered in the College of Engineering, and will receive the degree of Chemical Engineer upon the completion of addi-

tional work made up of lecture and laboratory courses in chemical, mechanical, and electrical engineering, supplemented by certain electives and work in machine design and chemical-plant design. The degree of Ph.D. may be obtained, as at present, by the completion of two additional years of graduate work.

At the University of Oklahoma, a complaint was filed against two churchgoers for "necking in church."

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