

## ADVISE TRACK FOR GRID MEN

**Bearg Urges Football Players To Take Training Under Coach Schulte**  
**WILL DEVELOP SPEED**

Coach Bearg in a statement yesterday made it clear that football men not participating in basketball or wrestling should take up track work immediately. In fact the Husker football and basketball mentor has requested that those who wish to take up the sport of football next fall should start work in track under Coach Henry F. Schulte immediately, and take it up seriously.

"Speed is as much of an essential to a good football player as any other one thing, and the best way for an athlete to develop speed is to take up track work with the intentions of making the track team," Coach Bearg pointed out. Besides gaining speed, the Husker football coach pointed out that the work helped to develop and build up the player physically for the coming season.

Some of the best football men in the country have been track athletes as well. At Nebraska, Captain Ed Weir, who has been named on every All-American team for the past two years, is one of Coach Schulte's star hurdlers. Rhodes, who played fullback in such a pleasing style for the Huskers the past season, is one of the best pole vaulters in the Valley besides being a high jumper and broad jumper. Rhodes placed second in the all-around championship last spring at the Illinois relays. Locke, the fastest football player in the country, and also a clever broken field runner, owes much of his gridiron ability to his track work. Locke is one of the greatest sprinters in America today. Presnell, another halfback of the squad last fall, is a sprinter from the 1925 freshman track squad.

In the past years of Husker football fame the best players have been track men. Noble, star halfback against Notre Dame two years ago, was a sprinter, while Floyd Wright a few years farther back, was one of the best hurdlers in the middle west.

Jim Thorpe, considered as the greatest football player, if not the greatest athlete of all-times, was the winner of the pentathlon of the Olympic games years ago. The football system used by Coach Bearg at Nebraska depends upon speed for its success, and his call asks that every man take up track and work hard at it.

## GREEKS OPEN RIFLE TOURNAMENT TODAY

**Will Hold Contest Simultaneously With Nonfraternity Men To Decide Champion**

Greek marksmen will compete against each other this week and next in the annual interfraternity rifle tournament, which begins today. Five men on a team, each score to count, are the rules announced yesterday by Captain Eggers. Winchester rifles as issued in the gallery with 22 short ammunition will be used. Firing will be on the registered targets, and must not take up more time than one shot a minute. Three sighting shots will be allowed each man. Two skins will be awarded by the Commandant, Lieut. Col. Jewett.

A nonfraternity tournament will be run off simultaneously with the Greek shoot, and the winning teams of the tournaments may be paired for a final match to decide the school champion. The nonfraternity teams will also consist of five members organized by student leaders.

Little practice has been had by the fraternities so far this year, and none will be allowed to fire before the official shooting, so that every group will stand on just about the same level—which right now is poor. Last year Nu Sigma first place by a handy margin. Lammell, their rifle representative on the University team, is issuing bear dope this week, and predicting defeat, however, the Nu Sigs will bear watching.

A few of the fraternities have good marksmen from last year and from summer camps. None seem to be fortunate enough to have several, the tournament will probably go to the group that can produce the best five men of high average ability rather than one star and four mediocre.

"Grecks" at Ohio State University recently decided at a meeting to abolish probation week or else shorten it.

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## IN THE VALLEY

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Grinnell, one of the smallest schools in the Valley, yet one of the most respected in athletics for the past several seasons, will begin track training at once. This last football season the Scarlet and Black team took the measure of several of the best teams in the Middle West. Last spring with Taylor, of Olympic fame, as their leader, the Grinnell track team was one of the strong contenders for Valley honors. Though badly hit by graduation, the Iowa team will bear watching again this spring.

Laddimar Hubka, one of the "watch charm" guards of Coach Dawson's 1924 football team, and assistant freshman coach here this fall, has accepted the position as coach of York College. Hubka went out for an end position, but was later transferred to a guard position, being one of the smallest guards who ever played at Nebraska. His brother is high school coach at York, and has been gathering for himself a good deal of recognition throughout the state for his teams.

The coaches of football have recognized for years that speed as well as might is one of the great essentials of a good football player. The open style of play much in vogue today has made speed a necessity.

## SEND STOCK TO DENVER CONTEST

**Animal Husbandry Department Ships Cattle to National Western Livestock Show**

Three carloads of stock from the animal husbandry department of the University of Nebraska was shipped to Denver, Colorado, yesterday afternoon where they will compete in the National Western Livestock Show in that city.

Included in the twenty show steers was College Kenyon, a yearling Aberdeen-Angus steer who won first in his class both at the Denver show and at the Nebraska State Fair in 1925. There was also twenty-eight barrows and breeding hogs in the shipment.


The cattle and hogs will be judged on Monday, January 18, and the fat animals will be sold in an auction sale on Wednesday. Buyers from all parts of Western United States will be there to buy the prize animals.

The University of Nebraska generally wins her share of the ribbons in this show. In the last five years four champion ribbons on carcasses besides several prizes on live animals have gone to Nebraska.

The carcass contest usually excites much interest, because it is here that the steer has been turned down in the live class often wins the honors in dressed beef competition. There will be several Nebraska entries in this competition.

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## PI CARRIED OUT TO 707 DECIMAL PLACES

(Continued From Page One)

ment is always in part a history of individual tregedy," said Judge F. C. Radke, of Tecumseh in his talk about Henson Wiseman, in connection, Bernoulli, Euler.

The Greek mathematician worked out approximations by inscribing and circumscribing polygons on circles, and calculating the lengths of the sides. The last attempt by this method was made three hundred years ago by Christian Huygen who arrived at a value of nine decimal places.

All of those earlier methods, went by the board with the discovery of the Calculus in the second half of the seventeenth century, and other methods of mathematical analysis. By means of infinite series, a formula was very soon derived which would give the value to as many places as the mathematician had patience to work out. The first marathn approximation was done in 1719 by a Frenchman, DeLagny, who got to 117 places. Later in the same century an Austrian named Georg Vega worked it out to 140

The University of Kansas basketball five started its downfall Monday night, by losing its first valley game to Washington University 25 to 18. Washington has twice been defeated in the valley this season and things look bad for the Jayhawks, undisputed champions of the valley for the past three years.

## 5,000 STUDY JOURNALISM

**50 Schools Established Since 1905; Employ 200 Instructors**

The study of journalism in universities and colleges since the establishment of the first course by the University of Wisconsin in 1905 has increased until now 200 instructors are teaching 5,000 students in 50 schools, according to a survey just made by L. W. Murphy, of the University of Illinois, a 1921 graduate of Wisconsin.

Mr. Murphy's estimate by courses is as follows: reporting, 3,000 students; feature writing, 2,100; introductory courses, 4,500; advertising, 2,700; copy reading, 1,500; history of journalism, 700; ethics of journalism, 650; country journalism, 450; law of the press, 450.

In addition to these courses, students are enrolled in courses in editorial writing, critical writing, agricultural journalism, the teaching of journalism, publicity, and public opinion.

More than 50 professional courses and schools of journalism are operating today, says Mr. Murphy, as compared with approximately 85 schools of medicine and 130 schools of law.


The men's glee club of the University of California has made tours of Alaska and Europe as well as the United States.

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places. For fifty years that stood as the record until Zacharias Dase of Hamburg carried it out to 305 places.

To establish a record William Shanks, in 1873, carried the computations out to 707 places, and then stopped, for no reason at all it seems, except that he had established the record.

A number carried out this far is so staggeringly accurate that the human mind is incapable of grasping the full meaning of it. It has been estimated that if the number Pi were carried out to only ten places it would be accurate enough to measure the circumference of the earth to within a fraction of an inch. If thirty places are used, according to Professor Newcombe, the circumference of the whole visible universe could be calculated so finely that the error would be imperceptible with the most powerful microscope.

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The mathematicians themselves admit that Pi to such great accuracy is of "no theoretical or practical value" as stated in Cajori's History of Mathematics. The chief value lies in showing the superiority of modern over ancient methods.

The figures making up the 707 places, and their arrangement, have been the subject of some mathematical study. It has been found that no set of digits in the value repeats itself, and it has been proved that they never will, no matter how far the number is extended. In line with this fact it has been proved also

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that Pi cannot be a fraction. It is simply Pi.

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