

INTERCOLLEGIATE MEET

Twenty-third Annual Struggle for
Athletic Honors Begins at
Berkeley Oval.

THREE RECORDS ARE BROKEN

The Trials in the Quarter-Mile Bicycle,
Hammer, and Shot Events Furnish
New Figures—U. of P. Makes
a Good Showing.

The first day of the twenty-third annual field, track, and bicycle meeting of the Intercollegiate Association of the Amateur Athletes of America, at Berkeley Oval yesterday, was productive of some excellent performances. The preliminary heats in all the track events and the trials in the field events were decided. The only finals down for decision yesterday were the half and one mile bicycle races. Contrary to all expectations, the records in these events were not broken. The record in the one-quarter mile bicycle race, however, was broken by L. B. Donnemiller of Georgetown University in the third heat. He made a good start and led all the way, winning, with about five yards to spare, in 0:31 2-5, supplanting the previous record of 0:32 1-5, held by J. T. Williams, Jr., and H. K. Bird of Columbia.

Columbia showed first in the two bicycle events decided yesterday, and, barring accidents, will capture the other events down for decision to-day. Ray Dawson finished in front in both the one-half and one mile race. In the former event, Powell of Columbia would probably have won, but was pocketed turning into the stretch. He had to ride around his field, and by a grand spurt got third place, a half length behind Bert Ripley. In the one-mile race, Powell lost through poor judgment. He waited too long to make his spurt, and when he settled down to ride he was in the rear and just managed to get fourth place by a narrow margin. After four heats had been ridden in this race, Referee McCarthy ruled that the time, which ranged from 1:10 to 1:14, was too slow and ordered the heats run over, placing a time limit of 1:10 on each heat. Powell won his heat in 1:06 2-5, equaling the record.

The track events were particularly interesting. There was no wind to contend against, and the track was in good condition, despite the heavy rain on Thursday. The absence of B. J. Wefers in the sprints was a disappointment to the crowd. The Georgetown "flier" is completely broken down. Tewksbury of the University of Pennsylvania, J. H. Rush of Princeton, and A. W. Robinson of Harvard were the best in the 100-yard dash. All three won their heats yesterday in easy fashion. Rush and Tewksbury romped home in their respective heats in the 2:20. The final of this event to-day between these two cracks will furnish one of the best races of the meeting.

University of Pennsylvania showed prominently in all the trials. Tewksbury has both hurdle races at his mercy, and will be among the first in the 100 and 220 yard dashes. The Philadelphia university will also make a clean sweep in nearly all the field events. Her representatives broke two records yesterday. McCracken threw the 16-pound hammer 149 feet 5 inches, which is 13 feet 2 inches better than the previous intercollegiate record. Prinstein of Syracuse University broke the previous record of 22 feet 11 1/4 inches for the broad jump. He jumped 23 feet 1 3/4 inches. Kraenzlein of Pennsylvania also beat the record with 23 feet 1 1/2 inches. Yale and Harvard will have an interesting struggle for second honors, each university being well placed in yesterday's trials.

The Summaries.

The summary of events:

100-Yard Dash.—First Heat—Won by A. W. Robinson, Harvard; M. Prinstein, Syracuse, second; J. S. Frances, Pennsylvania, third. Time—0:10 2-5. Second Heat—Won by J. W. B. Tewksbury, Pennsylvania; F. A. Blount, Yale, second; C. M. Callahan, Williams, third. Time—0:10 2-5. Third Heat—Won by J. H. Rush, Princeton; A. E. Curtenius, Amherst, second; D. C. Byers, Yale, third. Time—0:10 2-5. Fourth Heat—Won by T. B. McClain, Pennsylvania; Y. K. I. Cody, Georgetown, second. Time—0:10 3-5. Fifth Heat—Won by C. D. Whitmore, Syracuse; C. C. Conway, Yale, second. Time—0:10 2-5. Sixth Heat—Won by F. H. Bigelow, Harvard; H. G. Lee, Syracuse, second. Time—0:10 3-5.

Half-Mile Bicycle Race.—First Heat—Won by Ray Dawson, Columbia; L. Tweedy, Yale, second. Time—1:07. Second Heat—Won by I. A. Powell, Columbia; Bert Ripley, Princeton, second. Time—1:06 2-5. Third Heat—Won by J. H. Ware, Yale; C. C. F. Schwarz, Columbia, second. Time—1:10 1-5. Final Heat—Won by Ray Dawson, Columbia; Bert Ripley, Princeton, second; I. A. Powell, Columbia, third; L. Tweedy, Yale, fourth. Time—1:12 3-5.

These men qualified in putting the sixteen-pound shot: J. C. McCracken, Pennsylvania, 42 feet 3½ inches; R. Garrett, Johns Hopkins, 40 feet 9½ inches; E. E. O'Donnell, Yale, 39 feet 9½ inches; S. G. Ellis, Harvard, 39 feet 2½ inches; W. E. Bottger, Princeton, 39 feet.

Half-Mile Run.—First Heat—Won by J. Cregan, Princeton; A. Grant, Pennsylvania, second; S. H. Bunch, Harvard, third. Time—2:03. Second Heat—Won by D. Grant, Harvard; L. R. Palmer, Princeton, second; W. I. Brennan, Yale, third. Time—2:03.

One-Mile Bicycle Race.—First heat—Won by Ray Dawson, Columbia; R. F. Ludwig, Cornell, second; A. W. Stackhouse, Pennsylvania, third. Time—2:19 4-5. Second heat—Won by I. A. Powell, Columbia; A. Moran, Georgetown, second; C. C. F. Schwarz, Columbia, third. Time—2:33 4-5. Third heat—Won by J. T. Williams, Jr., Columbia; J. H. Ware, Yale, second; R. B. Howard, Yale, third. Time—2:28 2-5. Final heat—Won by Ray Dawson, Columbia; J. T. Williams, Columbia, second; A. Moran, Georgetown, third; I. A. Powell, Columbia, fourth. Time—2:34.

High Jump.—These men qualified with 5 feet 10¼ inches: W. C. Carroll, Princeton; C. W. Powell, Cornell; Y. D. Winsor, Jr., Pennsylvania; W. C. Morse, Harvard, and A. N. Rice, Harvard.

120-Yard Hurdle Race.—First heat—Won by Herbert Wheeler, Princeton; E. C. Perkins, Yale, second; A. P. Brokaw, Rutgers, third. Time—0:16 4-5. Second heat—Won by W. F. B. Berger, Yale; R. H. Ripley, Cornell, second; J. M. McKibben, Pennsylvania, third. Time—0:16 4-5. Third heat—Won by A. C. Kraenzlein, Pennsylvania; J. W. Hallowell, Harvard, second. Time—0:16 2-5. Trial heat for third men, winner to run in the semi-finals to-day—Won by J. M. McKibben, Pennsylvania. Time—0:17 1-5.

Pole Vault.—The following qualified with 9 feet 5¾ inches: C. S. Clapp, Yale; B. Johnson, Yale; C. T. Dudley, Yale; W. W. Hurt, Harvard; F. Thomas, Swarthmore.

One-Quarter-Mile Bicycle Race.—First Heat—Won by I. A. Powell, Columbia; E. Strong, Yale, second. Time—0:34. Second heat—Won by Ray Dawson, Columbia; C. C. F. Schwarz, Columbia, second; C. F. Hurt, Harvard, third. Time—0:34 2-5. Third heat—Won by L. B. Dannemiller, Georgetown; F. T. Anderson, Yale, second. Time—0:31 2-5.

440-Yard Run.—First heat—Won by H. L. Lee, Syracuse; R. D. Hoffman, Pennsylvania, second; C. F. Luce, Yale, third. Time—0:51 4-5. Second heat—Won by O. J. A. Grassi, C. C. N. Y.; F. W. Jarvis, Princeton, second; C. E. Ordway, Yale, third. Time—0:53 1-5.

Throwing the 16-Pound Hammer.—The following qualified: J. C. McCracken, Pennsylvania, 149 feet 5 inches; H. C. Potter, Princeton, 136 feet; T. B. Sutphen, Yale, 123 feet 1 inch; P. J. McMahon, Pennsylvania, 122 feet 5 inches; J. H. Outland, Pennsylvania, 120 feet 9½ inches.

220-Yard Hurdle Race.—First heat—Won by W. G. Morse, Harvard; E. C. Perkins, Yale, second. Time—0:26 2-5. Second Heat—Won by M. B. Bastain, Pennsylvania; J. W. Hallowell, Harvard, second. Time—0:26 1-5. Third Heat—Won by J. L. Bremers, Harvard; H. Wheeler, Princeton, second. Time—0:26 4-5. Fourth Heat—Won by A. C. Kraenzlein, Pennsylvania; L. Warren, Harvard, second. Time—0:26.

Running Broad Jump.—The following qualified: M. Prinstein, Syracuse, 23 feet 1¾ inches; A. C. Kraenzlein, Pennsylvania, 23 feet 1½ inches; W. P. Remington, Pennsylvania, 22 feet 6½ inches; A. L. Nickerson, Harvard, 22 feet 2½ inches; W. F. Berger, Yale, 21 feet 8½ inches.

220-Yard Dash.—First Heat—Won by R. D. Hoffman, Pennsylvania; R. M. Graff, Yale, second. Time—0:23. Second Heat—Won by J. W. Tewksbury, Pennsylvania; E. J. Green, Harvard, second. Time—0:22 4-5. Third Heat—Won by A. A. Conway, Yale; F. A. Bigelow, Harvard, second. Time—0:23. Fourth Heat—Won by J. H. Rush, Princeton; J. S. Frances, Pennsylvania, second. Time—0:23.

THE BERKELEY OVAL GAMES

**A. C. Kraenzlein Makes a World's
Record at the Intercollegiate
Champion Meeting.**

RAN THE 220 HURDLE IN 0:23 3-5

**University of Pennsylvania Wins the
Championship—New Records for
the Broad Jump, One-Mile
Walk, and Putting
the Shot.**

Probably the most successful collegiate athletic meeting held in this country in recent years was the annual games of the Intercollegiate Association of the Amateur Athletes of America, which was concluded at Berkeley Oval yesterday afternoon. In point of attendance it eclipsed meets held in recent years, and when the first event was run off yesterday the various stands were fairly well filled. Never before has such an array of crack college athletes met in competition, and no less than seven new records were established, including a world's record, by A. C. Kraenzlein of the University of Pennsylvania, in the 220-yard hurdle race. His figures were 0:23 3-5, beating the best previous record, held by J. L. Bremers of Harvard, by one second. It was one of the most sensational races run in recent years, and when Kraenzlein passed the stand after the race, without the least sign of fatigue, the crowd yelled itself hoarse.

The University of Pennsylvania repeated its performance of last year, winning the championship, with a goodly number of points to spare. The university at present has the best college athletes in the world, its two particular stars being Kraenzlein and Tewksbury. The latter won two good races from Rush yesterday, and would have made things decidedly interesting for B. J. Wefers, the Georgetown "flier," had he been there. Princeton made the second best showing, with Harvard third and Yale fourth. J. Cregan's consistent work brought Princeton into second place. He captured both the half and mile runs, while F. W. Jarvis added five more points to Princeton's score by getting home first in the quarter-mile race. The University of Pennsylvania figured on scoring a majority of the points in all three of these events, but Cregan and Jarvis easily upset Trainer "Mike" Murphy's calculations. Yale had figured on Rush to carry them into second place, and while the latter ran well, he was no match for Tewksbury.

The 100-Yard Dash.

When the men lined up for the final of the 100-yard dash there was a hush. Tewksbury and Rush were on the outside, with Robinson, the only other dangerous competitor, on the inside. The latter jumped to the front at the sound of the pistol, and led for thirty yards, when Tewksbury and Rush showed in front running almost abreast. The crowd was shouting like demons for their respective favorites. At the stand Tewksbury forged to the front and looked like an easy winner. Rush, however, showed a wonderful burst of speed in the last thirty-five yards, and began to overtake the Pennsylvanian with every stride. From the stand it looked as though Rush had made a dead heat of it, but Tewksbury broke the yarn about six inches in front of him. Several watches timed the men at 0:00 4-5, but the official watches showed 10 seconds.

The 220-yard run furnished another hair-raising finish between Tewksbury and Rush. This time Rush showed in front for more than three-quarters of the distance, but he could not ward off Tewksbury's rush in the last fifty yards, the latter winning by nearly two yards in 0:21 3-5, which is within two-fifths of a second of Wefers's world's record.

The Philadelphia University lost a few points in the half-mile run. Grant, who was expected to win, dropping out after going half the distance. R. Grant, the Harvard representative, tried to steal a march in this race. On the bell lap he started to sprint, and going around into the backstretch, was about forty yards in front. Cregan, however, started after him, carrying Bray of Williams through with him. They overtook Grant coming into the stretch, Cregan winning easily, with Bray second, and Grant third. Grant of Pennsylvania was also compelled to take second place from Cregan in the mile run.

Fetterman of the University of Pennsylvania created new figures for the mile walk, winning by nearly one hundred yards, after leading from start to finish.

New Records for Field Events.

The broad jump was productive of another record yesterday. M. Prinstein of Syracuse University supplanting the record of 23 feet 1 1/4 inches, which he established on Friday, with a new record jump of 23 feet 7 3/8 inches. In the pole vault three men tied with 11 feet 1 inch, and in the vaulting to decide the tie Clapp of Yale and Hoyt of Harvard each cleared the bar at 11 feet 4 1/2 inches, which is a new record. J. C. McCracken added another record to his credit yesterday for putting the shot. He put it a distance of 43 feet 8 1/2 inches, creating a new intercollegiate record. Hickok's collegiate record of 44 feet 1 1/2 inches still stands.

Columbia's calculations were upset, although they won the bicycle championship. It was expected that they would win in all the events, but Bert Ripley and the Georgetown University tandem team cost the local college contingent a good many dollars. Their chances of winning the tandem race was practically ruined when Powell and Dawson fell after going about forty yards in the second heat. Schwarz and Williams were the only fast Columbia men left in the finals, and could not quite catch the Georgetown University team.

Ripley rode a clever race in the five-mile event. He did his share of the pacing, and then trailed behind until the last lap. At the sound of the bell he came from the rear with a wonderful burst of speed, and going around the first turn was fully forty yards in front. Powell, Dawson, and Schwarz started after him, but Ripley, although tiring fast, managed to cross the tape a good two lengths in front of Dawson, who was a half length in front of Powell.

The following points were scored by the various colleges: University of Pennsylvania, 50 3/4; Princeton, 28; Harvard, 25 5-6; Yale, 22 2-3; Syracuse University, 9; Columbia, 5; Johns Hopkins, 5; Williams, 3; Cornell, 2 1/4; Georgetown University, 2.

The summary of events:

One Mile Tandem Bicycle Race.—First heat—Won by J. T. Williams, Jr., and C. C. F. Schwarz, Columbia; F. Schade and F. Moran, Georgetown, second. Time—2:04 2-5. Second heat—Won by Bert Ripley and H. Miller, Princeton; H. N. Hall and D. S. Hudson, Columbia, second. Time—2:16 3-5. Final heat—Won by Fred Schade and A. Moran, Georgetown; C. C. F. Schwarz and J. T. Williams, Jr., Columbia, second; Bert Ripley and H. Miller, Princeton, third; H. N. Hall and W. A. Morrill, Columbia, fourth. Time—2:16 1-5.

100-yard Dash, Semi-finals.—First heat—Won by J. W. B. Tewksbury; C. M. Callahan, Williams, second. Time—0:10 1-5. Second heat—Won by A. W. Robinson, Harvard; J. H. Rush, Princeton, second. Time—0:10. Third heat—Won by C. D. Whittemore, Syracuse; T. B. McClain, Pennsylvania, second. Time—0:10 1-5. Final heat—Won by J. W. B. Tewksbury, Pennsylvania; J. H. Rush, Princeton, second; A. W. Robinson, Harvard, third; C. D. Whittemore, Syracuse, fourth. Time—0:10.

Five Mile Bicycle Race.—Heats of two miles—First heat—Won by Fred Schade, Georgetown; Ray Dawson, Columbia, second; Bert Ripley, Princeton, third. Time—4:57 1-5. Second heat—Won by C. C. F. Schwarz, Columbia; R. F. Ludwig, Cornell, second; E. T. Howard, Yale, third. Time—4:55. Third heat—Won by L. B. Dannemiller, Georgetown; I. A. Powell, Columbia, second; A. W. Stackhouse, Pennsylvania, third. Time—4:57. Final heat—Won by Bert Ripley, Princeton; Ray Dawson, Columbia, second; I. A. Powell, Columbia, third; C. C. F. Schwarz, Columbia, fourth. Time—12:26 3-5.

Putting the Shot.—Won by J. C. McCracken, Pennsylvania, 43 feet 8½ inches; Robert Garrett, Johns Hopkins, 40 feet 9¼ inches, second; E. O'Donnell, Yale, 39 feet 9½ inches, third; W. E. Bottger, Princeton, 39 feet 4 inches, fourth.

120-Yard Hurdle Race.—Semi-finals. First heat won by E. C. Perkins, Yale; J. M. McKibben, Pennsylvania, second. Time—0:16 3-5. Second heat won by A. C. Kraenzlein, Pennsylvania; J. W. Hollowell, Harvard, second. Time—0:16. Final heat won by A. C. Kraenzlein, Pennsylvania; E. C. Perkins, Yale, second; J. W. Hollowell, Harvard, third; J. M. McKibben, Pennsylvania, fourth. Time—0:15 2-5.

440-Yard Run.—Final heat won by F. W. Jarvis, Princeton; H. G. Lee, Syracuse, second; C. F. Luce, Yale, third; H. H. Fish, Harvard, fourth. Time—0:50 4-5.

Running High Jump.—W. G. Morse, Harvard; A. N. Rice, Harvard; C. W. Powell, Cornell, and J. D. Winsor, Pennsylvania, tied at 5 feet 11½ inches. The points were divided. On the

toss Powell won first prize, Winsor second, Morse third, and Rice fourth.

One-Mile Run.—Won by J. Cregan, Princeton; A. Grant, Pennsylvania, second; R. Grant, Harvard, third; H. Speer, Yale, fourth. Time—4:23 3-5.

Quarter-Mile Bicycle Race.—Final heat won by C. C. F. Schwarz, Columbia; Ray Dawson, Columbia, second; L. B. Dannemiller, Georgetown, third; F. T. Anderson, Yale, fourth. Time—0:32 2-5.

One-Mile Walk.—Won by W. B. Fetterman, Jr., Pennsylvania; A. N. Butler, Yale, second; C. W. Otley, Johns Hopkins, third; J. P. Adams, Yale, fourth. Time—6:45 2-5.

Throwing the Hammer.—Won by J. C. McCracken, Pennsylvania, 149 feet 5 inches; H. C. Potter, Princeton, 138 feet 1 inch, second; T. T. Hare, Pennsylvania, 124 feet 4 inches, third; T. B. Sutphen, Yale, 123 feet 10 inches, fourth.

220-Yard Dash, Semi-finals.—First heat—Won by J. H. Rush, Princeton; J. W. B. Tewksbury, Pennsylvania, second; F. A. Bigelow, Harvard, third. Time—0:22 2-5. Second heat—Won by R. D. Hoffman, Pennsylvania; E. J. Green, Harvard, second; A. A. Conway, Yale, third. Time—0:22 2-5. Final heat—Won by J. W. B. Tewksbury, Pennsylvania; J. H. Rush, Princeton, second; R. D. Hoffman, Pennsylvania, third; E. J. Green, Harvard, fourth. Time—0:21 3-5.

Half-Mile Run.—Won by J. Cregan, Princeton; John Bray, Williams, second; A. Grant, Harvard, third; W. I. Brennan, Yale, fourth. Time—1:58 2-5.

Pole Vault.—G. S. Clapp, Yale; B. Johnson, Yale, and W. W. Hoyt, Harvard, tied for first place at 11 feet 1 inch; C. T. Dudley, Yale, fourth. First, second, and third place points were divided. Hoyt won the toss and received the first medal and Clapp second.

220-Yard Hurdle Race, Semi-finals.—First heat—Won by J. L. Bremers, Harvard; W. C. Morse, Harvard, second. Time—0:25 2-5. Second heat—Won by A. C. Kraenzlein, Pennsylvania; J. W. Hollowell, Harvard, second. Time—0:25 2-5. Final heat—Won by A. C. Kraenzlein, Pennsylvania; J. L. Bremers, Harvard, second; W. G. Morse, Harvard, third; J. W. Hollowell, Harvard, fourth. Time—0:23 3-5.

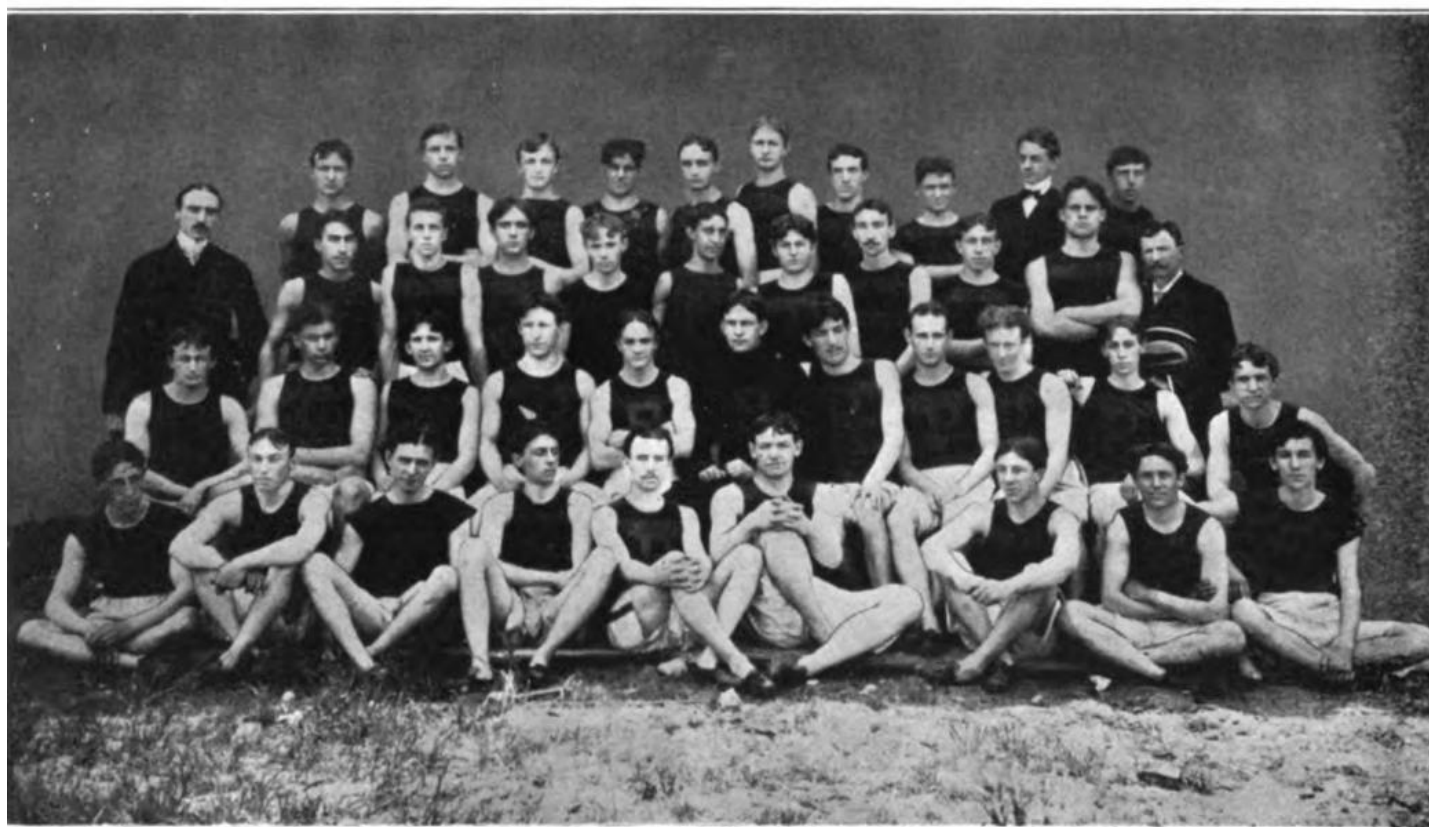
Running Broad Jump.—Won by M. Prinstein, Syracuse, 23 feet 7 3-8 inches; J. P. Remington, Pennsylvania, 23 feet 3¼ inches, second; A. C. Kraenzlein, Pennsylvania, 23 feet, 1½ inches, third; A. L. Nickerson, Harvard, 22 feet 2½ inches, fourth.

23D ANNUAL MEET, BERKELEY OVAL, N. Y., MAY 28, 1898.

1898.	FIRST.	SECOND.	THIRD.	FOURTH.	Min.	Sec.
100-yard dash	Tewkesbury, Penn.	Rush, Princeton ..	Robinson, Harv...	Whittemore, Syracuse.	..	10
220-yard dash	Tewkesbury, Penn.	Rush, Princeton ..	Hoffman, Penn ...	Green, Harvard	..	21 3-5
440-yard dash	Jarvis, Princeton..	Lee, Syracuse	Luce, Yale	Fish, Harvard	..	50 4-5
880-yard run	Cregan, Princeton.	Bray, Wil.....	R. Grant, Harvard.	Bremen, Yale	1	58 2-5
1-mile run	Cregan, Princeton.	A. Grant, Penn ...	R. Grant, Harvard.	Speer, Yale	4	23 3-5
1-mile walk	Fetterman, Penn ..	Butler, Yale	Ottley, J. Hop....	Adams, Yale	6	45 2-5
120-yard hurdles ..	Kraenzlein, Penn..	Perkins, Yale	Hallowell, Harv...	McKibbin, Penn	..	15 3-5
220-yard hurdles ..	Kraenzlein, Penn..	Bremer, Harvard ..	Morse, Harvard ..	Hallowell, Harvard ..	..	23 3-5
Broad jump	Prinstein, Syr. ...	Remington, Penn ..	Kraenzlein, Penn..	Neckerson, Harvard ..		
	23 ft. 7 $\frac{3}{8}$ in.	23 ft. 3 $\frac{1}{4}$ in.	23 ft. 1 $\frac{1}{2}$ in.	22 ft. 2 $\frac{1}{2}$ in.		
High jump	Winsor, Penn;	Morse and Rice, Harvard;	and Powell,			
	Cornell, tied for first at 5 ft. 11 $\frac{1}{8}$ in.					
Pole vault	Clapp and Johnson, Yale;	and Hoyt, Harvard, tied for	Dudley, Yale			
	first at 11 ft. 1 in.			10 ft. 9 $\frac{1}{4}$ in.		
Hammer throw ...	McCracken, Penn.	Potter, Princeton ..	Hare, Penn	Sutphen, Yale		
	149 ft. 5 in.	130 ft. 1 in.	124 ft. 4 in.	123 ft. 10 in.		
Shot put	McCracken, Penn.	Garrett, J. Hop....	O'Donnell, Yale ..	Bottger, Princeton ...		
	43 ft. 8 $\frac{1}{2}$ in.	40 ft. 9 $\frac{1}{2}$ in.	39 ft. 9 $\frac{1}{2}$ in.	39 ft. 4 in.		

Pennsylvania, 50 $\frac{3}{4}$; Princeton, 28; Harvard, 25 5-6; Yale, 22 2-3; Syracuse, 9; Johns Hopkins, 5; Columbia, 5; Williams, 3; Cornell, 2 $\frac{3}{4}$; Georgetown, 2.

1898 TRACK TEAM



Ehlers Gillinder Parry McMahon Mechling Price Garland Longwell Hill, Asst. Mgr. Baxter
 Sichel, Mgr. Stitzer Colket Little W. Remington Williams J. P. Williams Hume Earnshaw Hare Murphy, Coach
 *McKibbin *Kraenzlein Bastian Hoffman *J. P. Remington Winsor, Capt. *Fetterman Lane *Grant *Tewkesbury L. Smith
 Waddell McClain Abrahams Francis Quicksall *McCracken Willson Stackhouse Gibbons



A. C. Kraenzlein



2. A. C. KRAENZLEIN, Pennsylvania, holder of broad jump and 220 yards



Prinstein, Syracuse University, former National and Intercollegiate champion—Illustrating the start of a continuous running jump; i.e., a jump that is dependent upon the active co-operation of the legs from the take-off to the landing. As is well known, the running broad jump has a number of variations, any one of which may be developed to a degree which will produce a championship distance. The "straight" jump calls for a single forward and upward leg kick and a follow-up kick of the free leg; knee elevation and height are essential when this style is used, as the balance of the jump is a "coast," pure and simple. A few have modified the "coast" by adopting the "running through the air" style. This appears to be correct, from a theoretical standpoint, because it is certain that the secondary leg-kick, when applied to the high jump, will produce additional height. Its use in the running jump will be necessarily limited, as anything except perfect co-ordination will handicap rather than aid the jumper. Note the leg and arm action, used on the flat. (B) A. C. Kraenzlein, University of Pennsylvania, one



Lancement du poids. J. C. MacCracken.