

FORTY-FIRST INTERCOLLEGIATE CHAMPIONSHIPS

THE athletes of Cornell University won the forty-first annual track and field championship of the Intercollegiate Association of Amateur Athletes of America held on Soldiers' Field, Cambridge, Mass., May 26 and 27, 1916. It was the third successive victory for Cornell and the second time Cornell has won the present trophy. Cornell scored a total of 45 points. Yale finished second with 29, while California and Leland Stanford tied for third with 22. Pennsylvania was fourth with 18. The other competing universities scored as follows: Dartmouth, 14; Michigan, 13; Harvard, 11; Princeton, 10; Bowdoin, 5; Syracuse, 3; Pennsylvania State, 2; and Massachusetts Institute of Technology, 1. Of these competitors, Leland Stanford participated for the first time.

New intercollegiate records were made in three events, one being also a new collegiate and world record. In the 440 yards dash James E. Meredith, Pennsylvania, 1916, won in $47\frac{2}{5}$ seconds, displacing the former record of 48 seconds which he held in conjunction with Charles D. Reidpath of Syracuse. It was also two-fifths of a second faster than the former world record of Maxwell W. Long of Columbia. Meredith also duplicated his 1915 performances by winning the half mile-run. In this he also made a new intercollegiate record, his time being 1 minute 53 seconds, two-fifths of a second faster than the record made by D. S. Caldwell of Cornell in 1914.

Frederic Seymour Murray, Leland Stanford, 1916, made the third new record. He won the 120 yards hurdles in 15 seconds, which was one-fifth of a second faster than the record made by A. B. Shaw of Dartmouth in 1908. Murray and Meredith were the only double winners of the meet, Murray also winning the 220 yards hurdles.

The athletes were favored on both days with splendid weather. A slightly favoring wind blew down the stretch, but the referee invariably held up all the short distance races until the wind either died down or became neutral. The meet was held within the Harvard stadium through the kindness of Harvard University. Frederic P. Clement, Jr., of Harvard, managed the games.

SUMMARY I. C. A. A. A. MEET, 1916

EVENTS	Cornell	Yale	California	Leland Stanford	Pennsylvania	Dartmouth	Michigan	Harvard	Princeton	Bowdoin	Syracuse	Penn State	M. I. T.
100 Yards Dash.....	2	1	..	..	..	..	5	3	4	..	..	..	..
220 Yards Dash.....	3	2	..	..	1	..	4	..	5	..	..	..	..
440 Yards Dash.....	3	..	..	..	5	4	..	2	1	..	..	..	..
880 Yards Run.....	2	..	..	..	8	..	..	4	..	..	1	..	..
One Mile Run.....	5	3	..	2	..	..	4	..	..	..	..	..	1
Two Mile Run.....	14	1	..	..	..	..	..	..	..	..	..	..	..
120 Yards Hurdles.....	4	1	3	7	..	..	..	..	..	..	..	..	..
220 Yards Hurdles.....	..	4	..	8	..	..	..	..	..	1	..	2	..
Running High Jump.....	2	7	4	..	..	..	..	2	..	..	..	..	..
Running Broad Jump.....	..	5	2	3	..	5	..	..	..	..	..	..	..
Hammer Throw.....	2	..	8	..	..	1	..	..	..	4	..	..	..
Shot Put.....	3	1	5	2	..	4	..	..	..	..	..	..	..
Pole Vault.....	5	4	..	..	4	..	..	..	..	..	2	..	..
Totals.....	45	29	22	22	18	14	13	11	10	5	3	2	1

100 YARDS DASH

For the second year in succession Harold L. Smith, Michigan, 1916, won the 100 yards dash in 10 seconds. There were six preliminary heats, and as it turned out, the winners were the starters in the final. Four of these heats were run in 10 $\frac{1}{5}$ seconds, but the third and sixth heats won by Edward A. Teschner, Harvard, 1917, and William B. Moore, Princeton, 1917, were run in 10 seconds.

Both semi-final heats were run in 10 $\frac{1}{5}$ seconds. Edward A. Teschner, Harvard, 1917, took the first and William B. Moore, Princeton, the second. In his heat Moore beat out Smith of Michigan. But in the final Smith turned the tables on his Princeton rival. It was an exceedingly close race, and it required a conference of the judges to determine the relative places of Smith and Moore. Smith won only by inches. Teschner of Harvard was third, a bare foot behind Moore. Allan F. Van Winkle, Cornell, 1917, was fourth, half a yard behind Teschner, with Heaton Ives Treadway, Yale, 1917, fifth, a corresponding distance behind Van Winkle. Harold E. O'Brien, Michigan, 1917, lost fifth place to Treadway only by inches.

Final Heat

Winner, Harold L. Smith, Michigan, 1916.
Second, William B. Moore, Princeton, 1917.
Third, Edward A. Teschner, Harvard, 1917.
Fourth, Allan F. Van Winkle, Cornell, 1917.
Fifth, Heaton Ives Treadway, Yale, 1917.

TIME, 10 seconds.

Also started, Harold E. O'Brien, Michigan, 1917.

PRELIMINARY HEATS

First Heat.—Winner, Allan F. Van Winkle, Cornell, 1917; second, William Moore, Harvard, 1918; third, Charles Morton Stewart, 3d, Yale, 1917; fourth, Dorsey J. Griffith, Georgetown, 1919. Time, $10\frac{1}{5}$ seconds.

Second Heat.—Winner, Heaton Ives Treadway, Yale, 1917; second, Walter C. Bartsch, Cornell, 1917; third, Walter Richard Russert, M. I. T., 1918; fourth, Joseph Raymond Evans, Lafayette, 1917. Time, $10\frac{1}{5}$ seconds.

Third Heat.—Winner, Edward A. Teschner, Harvard, 1917; second, Kenrick Kelly, Cornell, 1917; third, George Ellsworth Keeler, Yale, 1918; fourth, Bernard Brown, Syracuse, 1918; fifth, John Henry Barrett, Princeton, 1918. Time, 10 seconds.

Fourth Heat.—Harold L. Smith, Michigan, 1916; second, Albert L. Culbertson, Cornell, 1917; third, Allan H. Snowden, Princeton, 1916; fourth, Henry Berg, Jr., Yale, 1917. Time, $10\frac{1}{5}$ seconds.

Fifth Heat.—Winner, Harold E. O'Brien, Michigan, 1917; second, Frank Kaufman, Pennsylvania, 1916; third, Francis Patrick O'Hara, M. I. T., 1917; fourth, Clarence Matthew Jones, Yale, 1917; fifth, Adolph Harvitt, Columbia, 1916. Time, $10\frac{1}{5}$ seconds.

Sixth Heat.—Winner, William B. Moore, Princeton, 1917; second, D. L. Dolbin, Pennsylvania State, 1916; third, Daniel W. Coakley, Dartmouth, 1916; fourth, Wingate Rollins, Harvard, 1916. Time, 10 seconds.

SEMI-FINAL HEATS

First Heat.—Winner, Edward A. Teschner, Harvard, 1917; second, Harold E. O'Brien, Michigan, 1917; third, Allan F. Van Winkle, Cornell, 1917; fourth, D. L. Dolbin, Pennsylvania State, 1916; fifth, Albert L. Culbertson, Cornell, 1917. Time, $10\frac{1}{5}$ seconds.

Second Heat.—Winner, William B. Moore, Princeton, 1917; second, Harold L. Smith, Michigan, 1916; third, Heaton Ives Treadway, Yale, 1917; fourth, William Moore, Harvard, 1918; fifth, Walter C. Bartsch, Cornell, 1917; sixth, Kenrick Kelly, Cornell, 1917. Time, $10\frac{1}{5}$ seconds.

220 YARDS DASH

William B. Moore, Princeton, 1917, reversed the verdict of the 100 yards dash in the 220 yards dash. This race he won in $21\frac{3}{5}$ seconds, forcing Harold L. Smith, Michigan, 1916, the victor in 1915, into second place. There were six preliminary heats. The first three were run in 22 seconds flat, the fourth and fifth in $22\frac{1}{5}$ seconds and $22\frac{2}{5}$ seconds respectively. The sixth heat, won by Frank Kaufman, Pennsylvania, 1916, was the fastest of all, being run in $21\frac{4}{5}$ seconds.

Winners of first and second places were allowed to start in the semi-finals. All of the preliminary heat winners, with the exception of Teschner of Harvard who did not start owing to an injury, got into the final. Both heats were run in the exceptionally good time of 22 seconds. In the final heat Moore showed his superiority over the field by winning in $21\frac{3}{5}$ seconds and with a clear two yards lead over Smith. The latter finished half a yard in front of Allan F. Van Winkle, Cornell, 1917, who just managed to beat out Heaton Ives Treadway, Yale, 1917. Frank Kaufman, Pennsylvania, 1916, was fifth, a yard back of Treadway.

Final Heat

Winner, William B. Moore, Princeton, 1917.

Second, Harold L. Smith, Michigan, 1916.

Third, Allan F. Van Winkle, Cornell, 1917.

Fourth, Heaton Ives Treadway, Yale, 1917.

Fifth, Frank Kaufman, Pennsylvania, 1916.

TIME, $21\frac{3}{5}$ seconds.

PRELIMINARY HEATS

First Heat.—Winner, Allan F. Van Winkle, Cornell, 1917; second, George Ellsworth Keeler, Yale, 1918; third, Walter Richard Russert, M. I. T., 1918; fourth, Dorsey J. Griffith, Georgetown, 1919. Time, 22 seconds.

Second Heat.—Winner, Heaton Ives Treadway, Yale, 1917; second, William Moore, Harvard, 1918; third, John Henry Barrett, Princeton, 1918; fourth, Francis Patrick O'Hara, M. I. T., 1917. Time, 22 seconds.

Third Heat.—Winner, Edward A. Teschner, Harvard, 1917; second, D. L. Dolbin, Pennsylvania State, 1916; third, Walter C. Bartsch, Cornell, 1917; fourth, Adolph Harvitt, Columbia, 1916. Time, 22 seconds.

Fourth Heat.—Winner, Harold L. Smith, Michigan, 1916; second, Kenrick Kelly, Cornell, 1917; third, Thomas F. Lennon, Pennsylvania, 1918; fourth, Edward B. Condon, Harvard, 1918. Time, $22\frac{1}{5}$ seconds.

Fifth Heat.—Winner, William B. Moore, Princeton, 1917; second, Charles Morton Stewart, 3d, Yale, 1917; third, William Albrecht, Jr., Brown, 1919; fourth, William B. Shelton, Cornell, 1918. Time, $22\frac{2}{5}$ seconds.

Sixth Heat.—Winner, Frank Kaufman, Pennsylvania, 1916; second, Daniel W. Coakley, Dartmouth, 1916; third, Allan H. Snowden, Princeton, 1916; fourth, Lawrence Williams, Jr., Yale, 1917. Time, $21\frac{1}{5}$ seconds.

SEMI-FINAL HEATS

First Heat.—Winner, William B. Moore, Princeton, 1917; second, Heaton Ives Treadway, Yale, 1917; third, Daniel W. Coakley, Dartmouth, 1916; fourth, D. L. Dolbin, Pennsylvania State, 1916; fifth, Kenrick Kelly, Cornell, 1917. Time, 22 seconds.

Edward A. Teschner, Harvard, 1917, who qualified for the semi-finals, did not start owing to an injury he received in the final heat of the 100 yards dash.

Second Heat.—Winner, Frank Kaufman, Pennsylvania, 1916; second, Allan F. Van Winkle, Cornell, 1917; third, Harold L. Smith, Michigan, 1916; fourth, William Moore, Harvard, 1917; fifth, Charles Morton Stewart, 3d, Yale, 1917; sixth, George Ellsworth Keeler, Yale, 1918. Time, 22 seconds.

440 YARDS DASH

The 440 yards dash was by far the most sensational event of the meeting. James E. Meredith, Pennsylvania, 1916, won it and in so doing established a new intercollegiate and world record of $47\frac{2}{5}$ seconds. There were three preliminary heats, the first three men in each being allowed to start in the final heat. Not one of the preliminary heats was exceptionally fast. Meredith won the first in $50\frac{3}{5}$ seconds; Westmore Willcox, Jr., Harvard, 1917, won the second in $50\frac{4}{5}$ seconds; while Edward C. Riley, Dartmouth, 1916, took the third in 50 seconds flat.

When the runners went to the mark for the final heat Coleman of Rutgers had the pole, with Meredith next to him. Crim of Cornell was in third position and Riley of Dartmouth fifth. Richardson of Princeton was sixth and Willcox of Harvard next to the outside. There immediately ensued a struggle down the long 220 yards stretch between Willcox and Meredith for the advantage of reaching the first turn in the lead. At the end of the first 150 yards Willcox succeeded in passing Meredith and taking the pole. Meredith answered this sprint with another and, passing the Harvard man, reached the turn first. On the home stretch Meredith began to draw away from Willcox, though the Harvard runner held second place until twenty yards from the tape. Here Crim of Cornell and Riley of Dartmouth passed Willcox, one on either side. Meredith won the race by five yards. His time of $47\frac{2}{5}$ seconds displaced the former intercollegiate record of 48 seconds, held jointly by himself and Charles D. Reidpath, Syracuse, 1912. It also lowered the former world record of $47\frac{4}{5}$ seconds, though this was made on a five lap track, by M. W. Long, Columbia, 1900, in September of that year.

Final Heat

Winner, James E. Meredith, Pennsylvania, 1916.

Second, Edward C. Riley, Dartmouth, 1916.

Third, William D. Crim, Cornell, 1917.

Fourth, Westmore Willcox, Jr., Harvard, 1917.

Fifth, Herbert J. Richardson, Princeton, 1916.

TIME, $47\frac{2}{5}$ seconds.

Also started, James M. Coleman, Rutgers, 1916; Stanley Fontana, Michigan, 1917; Andrew Wright Lynn, Leland Stanford, 1917; Campbell Jackes, Princeton, 1918.

PRELIMINARY HEATS

First Heat.—Winner, James E. Meredith, Pennsylvania, 1916; second, James M. Coleman, Rutgers, 1916; third, Stanley Fontana, Michigan, 1917; fourth, Thomas R. Pennypacker, Harvard, 1916; fifth, W. R. Mason, Pennsylvania State, 1916. Time, $50\frac{3}{5}$ seconds.

Also started, Roderick Leslie Bent, M. I. T., 1919; George Murphy, Michigan, 1916.

Second Heat.—Winner, Westmore Willcox, Jr., Harvard, 1917; second, Andrew Wright Lynn, Leland Stanford, 1917; third, Herbert J. Richardson, Princeton, 1916; fourth, William B. Shelton, Cornell, 1918; fifth, Elwood Greest, Michigan, 1916. Time, $50\frac{4}{5}$ seconds.

Also started, Frank L. Lagay, Dartmouth, 1917; John Landon Davis, Yale, 1917.

Third Heat.—Winner, Edward C. Riley, Dartmouth, 1916; second, William D. Crim, Cornell, 1917; third, Campbell Jackes, Princeton, 1918; fourth, Henry W. Minot, Harvard, 1917; fifth, George E. Fox, Michigan, 1916. Time, 50 seconds.

Also started, Alvin F. Lent, New York, 1916; Clarence E. Ufer, Michigan, 1916.

880 YARDS RUN

James E. Meredith, Pennsylvania, 1916, duplicated his 1915 performances by winning the 880 yards run after the 440 yards dash. In the half-mile run he made a new intercollegiate record of 1 minute 53 seconds. There were two preliminary heats, the first five men in each being allowed to start in the final. Meredith won the first heat in 1 minute $58\frac{4}{5}$ seconds, and Linus V. Windnagle, Cornell, 1917, took the second in 1 minute $58\frac{2}{5}$ seconds.

The fight for first place in the final heat was between Meredith and William J. Bingham, Harvard, 1916. Meredith set the pace from the start and finished the first quarter in 54 seconds. Bingham was right at Meredith's heels, followed closely by William H. Floto, Princeton, 1916, and John W. Overton, Yale, 1917, running abreast. Lawrence C. Scudder, Pennsylvania, 1917, was just back of them in fifth place. Rounding the final turn on the second lap Meredith made an effort to draw away from Bingham, who challenged him. Fifty yards from the

tape the Harvard runner pulled up on almost even terms with Meredith, but in the final sprint Meredith won by a yard. Scudder sprinted into third place, with Gilbert M. Taylor, Cornell, 1916, fourth, and Carl Peterson, Syracuse, 1918, fifth. Meredith's time lowered by two-fifths of a second the record made by D. S. Caldwell of Cornell two years previously on the same track.

Final Heat

Winner, James E. Meredith, Pennsylvania, 1916.

Second, William J. Bingham, Harvard, 1916.

Third, Lawrence C. Scudder, Pennsylvania, 1917.

Fourth, Gilbert M. Taylor, Cornell, 1916.

Fifth, Carl Peterson, Syracuse, 1918.

TIME, 1 minute 53 seconds.

Also started, Aretas Osmond Barker, Yale, 1916; Charles L. Beckwith, Cornell, 1916; Linus V. Windnagle, Cornell, 1917; William H. Floto, Princeton, 1916; John W. Overton, Yale, 1917.

PRELIMINARY HEATS

First Heat.—Winner, James E. Meredith, Pennsylvania, 1916; second, Gilbert M. Taylor, Cornell, 1916; third, Aretas Osmond Barker, Yale, 1916; fourth, Charles L. Beckwith, Cornell, 1916; fifth, Carl Peterson, Syracuse, 1918. Time, 1 minute 58 $\frac{1}{5}$ seconds.

Also started, Richard L. Holbrook, Dartmouth, 1917; Alexander Biddle, Harvard, 1916; John M. Barr, Princeton, 1916; Henry Caldwell Stephens, M. I. T., 1918; George Murphy, Michigan, 1916; Frank J. Dorsey, Pennsylvania, 1917; Hamilton Cawley Rolfe, Yale, 1917; George B. Fox, Michigan, 1916.

Second Heat.—Winner, Linus V. Windnagle, Cornell, 1917; second, Lawrence C. Scudder, Pennsylvania, 1917; third, William J. Bingham, Harvard, 1916; fourth, William H. Floto, Princeton, 1916; fifth, John W. Overton, Yale, 1917. Time, 1 minute 58 $\frac{2}{5}$ seconds.

Also started, Eugene Andrew Schnell, Leland Stanford, 1916; Francis R. Whelan, Columbia, P. G.; Harold E. Wettyen, Rutgers, 1917; Mark Thompson, Colby, 1917; Clarence E. Ufer, Michigan, 1916; Henry S. F. Cooper, Yale, 1917.

ONE-MILE RUN

Linus V. Windnagle, Cornell, 1917, won the one-mile run in 4 minutes 15 seconds, just three-fifths of a second slower than the intercollegiate record made by John Paul Jones, Cornell, 1913, on the same track two years before. John W. Overton, Yale, 1917, set the pace from the start and finished the first quarter mile in 57 $\frac{3}{5}$ seconds. He maintained his lead at the end of the half mile, which he finished in 2.03 $\frac{1}{5}$. During the third lap Windnagle went to the front and led at the end of the third quarter, which was reached in 3 minutes 11 seconds. From this

point on Windnagle was not headed and, running the last quarter in 64 seconds, finished the race in 4 minutes 15 seconds. Overton was passed in the home stretch by H. Leslie Carroll, Michigan, 1917, but managed to beat out Paul R. Wilson, Leland Stanford, 1916. Raymond Grout Brown, M. I. T., 1916, was fifth.

Winner, Linus V. Windnagle, Cornell, 1917.

Second, H. Leslie Carroll, Michigan, 1917.

Third, John W. Overton, Yale, 1917.

Fourth, Paul R. Wilson, Leland Stanford, 1916.

Fifth, Raymond Grout Brown, M. I. T., 1916.

TIME, 4 minutes 15 seconds.

Also started, Earle M. Humphreys, Pennsylvania, 1916; Kenneth D. Tucker, Dartmouth, 1916; Mark Thompson, Colby, 1917; Rollo D. Campbell, Harvard, 1917; Kent G. Colwell, Princeton, 1917; Harold V. Aupperle, Leland Stanford, 1917; Charles L. Beckwith, Cornell, 1916; Howard A. Donnelly, Michigan, 1917; Henry Caldwell Stephens, M. I. T., 1918; Alexander Biddle, Harvard, 1916; Reginald Stanley Young, Yale, 1916; Harold E. Irish, Cornell, 1916.

TWO-MILE RUN

Daniel F. Potter, Jr., Cornell, 1916, won the two-mile run for the second year in succession, while his team-mate, John S. Hoffmire, Cornell, 1916, was again second. Potter's winning time was 9 minutes $32\frac{2}{5}$ seconds. But the most striking feature of this race was the fact that Cornell won the first four places, the first time on record that this had been done in this event. Edward Frey, Cornell, 1917, and James C. Corwith, Cornell, 1916, got third and fourth places by a sensational sprint over the last lap. The time by quarters was $.65\frac{3}{5}$, 2.18, $3.33\frac{3}{5}$, $4.48\frac{4}{5}$, $6.02\frac{3}{5}$, $7.16\frac{3}{5}$, 8.27 and $9.32\frac{3}{5}$. Thus the second mile was run faster than the first, the time for the second half of the race being $4.43\frac{3}{5}$.

Winner, Daniel F. Potter, Jr., Cornell, 1916.

Second, John S. Hoffmire, Cornell, 1916.

Third, Edward Frey, Cornell, 1917.

Fourth, James C. Corwith, Cornell, 1916.

Fifth, J. T. Putnam, Yale, 1917.

TIME, 9 minutes $32\frac{2}{5}$ seconds.

Also started, Robert H. Davison, Harvard, 1917; Robert M. Meehan, Michigan, 1918; Lawrence L. Glover, Princeton, 1916; Walter O'Brien, Colby, 1916; Earle M. Humphreys, Pennsylvania, 1916; George Fred Halfacre, M. I. T., 1918; Albert Bullock Coop, Brown, 1916; Frank Pfungstag, Dartmouth, 1916; William H. Webb, New York, 1916; George A. King, Harvard, 1918; William A. B. Paul, Princeton, 1918; Ralph Colton, Pennsylvania, 1916; William T. Whitehouse, 2d, Harvard, 1917; Frank DeKorn, Pennsylvania, 1916; Frank C. Boynton, Jr., Cornell, 1917.

120 YARDS HURDLES

Frederic Seymour Murray, Leland Stanford, 1916, won this event in 15 seconds flat, thereby creating a new intercollegiate record. The former record was $15\frac{1}{5}$ seconds, made by A. B. Shaw of Dartmouth in 1908. Murray also won his preliminary heat in 15 seconds. The hurdling was of an unusually high class throughout. Of the nine heats two, which were won by Murray, were run in 15 seconds flat. Of the others three were run in $15\frac{2}{5}$ seconds, the remaining four in $15\frac{3}{5}$ seconds.

There were five preliminary heats, the first and second men in each starting in the semi-finals. The first two men in each of the semi-final heats ran in a final heat for the first four places. The men who finished third and fourth in the semi-final heats ran an extra heat for fifth place.

Lawrence E. Gubb, Cornell, 1916, won the first semi-final heat in $15\frac{2}{5}$ seconds, defeating Murray of Leland Stanford. Theodore Lunt Preble, California, 1916, took the second heat from John Kelley Norton, Leland Stanford, 1916, in the same time. John Villiers Farwell, 3d, Yale, 1918, won the heat for fifth place in $15\frac{3}{5}$ seconds. Murray, Gubb, Preble and Norton were the starters in the final. Murray won by two yards in 15 seconds. Gubb just beat out Preble, while Norton was fourth, a yard back.

Winner, Frederic Seymour Murray, Leland Stanford, 1916.

Second, Lawrence E. Gubb, Cornell, 1916.

Third, Theodore Lunt Preble, California, 1916.

Fourth, John Kelley Norton, Leland Stanford, 1916.

Fifth, John Villiers Farwell, 3d, Yale, 1918.

TIME, 15 seconds.

PRELIMINARY HEATS

First Heat.—Winner, Frederic Seymour Murray, Leland Stanford, 1916; second, E. P. Hammitt, Pennsylvania State, 1916; third, Hugh E. Millard, Cornell, 1916; fourth, Derrill DeS. Trenholm, Dartmouth, 1917; fifth, Harris J. Offutt, Yale, 1917. Time, 15 seconds.

Second Heat.—Winner, Theodore Lunt Preble, California, 1916; second, John M. Watt, Cornell, 1918; third, Henry J. Coolidge, Harvard, 1918; fourth, Edward Lawrence Davis, Yale, 1917; fifth, Herbert C. Segur, Rutgers, 1916. Time, $15\frac{3}{5}$ seconds.

Third Heat.—Winner, Lawrence E. Gubb, Cornell, 1916; second, Lawrence P. Gowdy, Swarthmore, 1916; third, Edward C. Warner, Michigan, 1918; fourth, Bernard Brown, Syracuse, 1918. Time, $15\frac{3}{5}$ seconds.

D. M. Brown, Pennsylvania State, 1916, finished third, but was disqualified for knocking down more than three hurdles.

Fourth Heat.—Winner, John Villiers Farwell, 3d, Yale, 1918; second, Frederic H. Starr, Cornell, 1916; third, John Francis Isaac, Brown, 1918; fourth, Louis M. Pratt, Jr., Harvard, 1918. Time, $15\frac{3}{5}$ seconds.

Fifth Heat.—Winner, John Kelley Norton, Leland Stanford, 1916; second, Frank A. Grady, Dartmouth, 1917; third, Willard Arnold Savage, Bowdoin, 1918; fourth, Richard F. Warren, Pennsylvania, 1917. Time, $15\frac{3}{5}$ seconds.

SEMI-FINAL HEATS

First Heat.—Winner, Lawrence E. Gubb, Cornell, 1916; second, Frederic Seymour Murray, Leland Stanford, 1916; third, Lawrence P. Gowdy, Swarthmore, 1916; fourth, John Villiers Farwell, 3d, Yale, 1918; fifth, Frank A. Grady, Dartmouth, 1917. Time, $15\frac{3}{5}$ seconds.

Second Heat.—Winner, Theodore Lunt Preble, California, 1916; second, John Kelly Norton, Leland Stanford, 1916; third, Frederic H. Starr, Cornell, 1916; fourth, E. P. Hammitt, Pennsylvania State, 1916; fifth, John M. Watt, Cornell, 1918. Time, $15\frac{3}{5}$ seconds.

Extra Heat for Third and Fourth Men for Fifth Place.—Winner, John Villiers Farwell, 3d, Yale, 1918; second, Frederic H. Starr, Cornell, 1916; third, E. P. Hammitt, Pennsylvania State, 1916; fourth, Lawrence P. Gowdy, Swarthmore, 1916. Time, $15\frac{3}{5}$ seconds.

220 YARDS HURDLES

Frederic Seymour Murray, Leland Stanford, 1916, made himself a double winner by capturing the 220 yards hurdles, in which his time was 24 seconds flat. John Villiers Farwell, 3d, Yale, 1918, was second; John Kelley Norton, Leland Stanford, 1916, third; D. M. Brown, Pennsylvania State, 1916, fourth. Fifth place was decided the same as in the high hurdles, the third and fourth men in the two semi-final heats running an extra heat to decide it. This gave fifth place to Willard Arnold Savage, Bowdoin, 1918.

There were five preliminary heats. The fastest heat was by Norton of Leland Stanford, who won in $24\frac{1}{5}$ seconds. The first and second heats, won by Murray and Savage, were won in $24\frac{4}{5}$ seconds. The final heat for the first four places brought together Murray, Farwell, Norton and Brown. Murray led from the start and won without difficulty.

Winner, Frederic Seymour Murray, Leland Stanford, 1916.
Second, John Villiers Farwell, 3d, Yale, 1918.
Third, John Kelley Norton, Leland Stanford, 1916.
Fourth, D. M. Brown, Pennsylvania State, 1916.
Fifth, William Arnold Savage, Bowdoin, 1918.

TIME, 24 seconds.

PRELIMINARY HEATS

First Heat.—Winner, Frederic Seymour Murray, Leland Stanford, 1916; second, Frederick S. Allen, Harvard, 1916; third, Lawrence P. Gowdy, Swarthmore, 1916. Time, $24\frac{1}{5}$ seconds.

Second Heat.—Winner, Willard Arnold Savage, Bowdoin, 1918; second, D. M. Brown, Pennsylvania State, 1916; third, Frederick P. Lyford, Jr., Cornell, 1916; fourth, John Francis Isaac, Brown, 1918. Time, $24\frac{1}{5}$ seconds.

Third Heat.—Winner, John Kelley Norton, Leland Stanford, 1916; second John Villiers Farwell, 3d, Yale, 1918; third, John M. Watt, Cornell, 1918; fourth, Arthur Edward Rouse, Jr., Harvard, 1918. Time, $24\frac{1}{5}$ seconds.

Fourth Heat.—Winner, Gerald J. Fischer, Michigan, 1918; second, Derrill DeS. Trenholm, Dartmouth, 1917; third, Marion O. Wilson, Princeton, 1918; fourth, Charles W. Stanton, M. I. T., 1919. Time, $25\frac{2}{5}$ seconds.

Fifth Heat.—Winner, Robert L. Crawford, 3d, Princeton, 1917; second, Alexander G. Acheson, Cornell, 1917; third, Henry J. Coolidge, Harvard, 1916. Time, $25\frac{4}{5}$ seconds.

SEMI-FINAL HEATS

First Heat.—Winner, Frederic Seymour Murray, Leland Stanford, 1916; John Villiers Farwell, 3d, Yale, 1918; third, Willard Arnold Savage, Bowdoin, 1918; fourth, Alexander G. Acheson, Cornell, 1917; fifth, Derrill DeS. Trenholm, Dartmouth, 1917. Time, $24\frac{1}{5}$ seconds.

Second Heat.—Winner, John Kelley Norton, Leland Stanford, 1916; second, D. M. Brown, Pennsylvania State, 1916; third, Robert L. Crawford, 3d, Princeton, 1917; fourth, Frederick S. Allen, Harvard, 1916; fifth, Gerald J. Fischer, Michigan, 1918. Time, $24\frac{1}{5}$ seconds.

Extra Heat for Fifth Place.—Winner, Willard Arnold Savage, Bowdoin, 1918; second, Alexander G. Acheson, Cornell, 1917; third, Robert L. Crawford, 3d, Princeton, 1917. No time taken.

RUNNING HIGH JUMP

Wesley Marion Oler, Jr., Yale, 1916, won the running high jump for the second year in succession. His winning leap, however, was only 6 ft. $2\frac{1}{4}$ in., compared to 6 ft. $4\frac{1}{2}$ in. in 1915. On the day of the finals Oler jumped but eleven times. From $5.03\frac{1}{4}$ to $6.02\frac{1}{4}$ he cleared every height on his first jump. After winning, the bar was put up to 6 ft. $5\frac{1}{4}$ in., at which height Oler tried for a new intercollegiate and collegiate record. He failed three times at this height.

Frank Lawrence Maker, California, 1916, was second with 6 ft. $1\frac{1}{4}$ in. He cleared this height on his first attempt, but failed each time at $6.02\frac{1}{4}$. Three men tied for third at 6 ft. $\frac{1}{4}$ in. They were Alma W. Richards, Cornell 1917; J. Oliver Johnstone, Harvard, 1916; and Charles C. Gifford, Yale, 1917. Luther Allen Nichols, California, 1917, qualified for the finals with $5.11\frac{1}{2}$, but went out at $5.10\frac{1}{4}$ in the finals.

Winner, Wesley Marion Oler, Jr., Yale, 1916, 6 ft. $2\frac{1}{4}$ in.

Second, Frank Lawrence Maker, California, 1916, 6 ft. $1\frac{1}{4}$ in.

Third, tie between Alma W. Richards, Cornell, 1917; J. Oliver Johnstone, Harvard, 1916; and Charles C. Gifford, Yale, 1917, 6 ft. $\frac{1}{4}$ in.

OTHER PERFORMANCES

Marshall Low, Georgetown, 1916, 5 ft. $10\frac{1}{2}$ in.

John Putnam Jackson, California, 1916, 5 ft. $10\frac{1}{2}$ in.

Victor H. Simmons, Michigan, 1918, 5 ft. $8\frac{3}{8}$ in.

Don A. McLaren, Cornell, 1916, 5 ft. $8\frac{3}{8}$ in.

Carl George Paulson, Lafayette, 1917, 5 ft. $8\frac{3}{8}$ in.

Donald W. Cady, Cornell, 1916, 5 ft. $8\frac{3}{8}$ in.

Park Turner, Pennsylvania, 1917, 5 ft. $8\frac{3}{8}$ in.

W. Myron Davy, Princeton, 1916, 5 ft. $6\frac{1}{2}$ in.

Frank A. Crane, Pennsylvania, 1917, 5 ft. $6\frac{1}{2}$ in.

Carrow Thibault, Pennsylvania, 1918, 5 ft. $6\frac{1}{2}$ in.

Christian T. Buchholz, Jr., Pennsylvania, 1917, 5 ft. $6\frac{1}{2}$ in.

William A. Sullivan, M. I. T., 1917, 5 ft. $6\frac{1}{2}$ in.

POLE VAULT

Frank K. Foss, Cornell, 1917, won the pole vault with a leap of 12 ft. 8 in. There was a tie for second place at 12 ft. 4 in. between five men, Wilbur I. Newstetter, Pennsylvania, 1918; Edwin L. Sewell, Pennsylvania, 1916; Kenneth R. Curtis, Syracuse, 1916; Joseph Darwin Nagel, Jr., Yale, 1918; and Howard Swazey Buck, Yale, 1916. In the finals the six vaulters left in the competition started at 11 feet. All but Nagle cleared it on the first attempt. At 11.06 Buck of Yale and Newstetter were the only ones who required more than one jump to clear it. At 12 feet Foss and Nagle were the only ones to get over on the first jump. Curtis got over on his first attempt at 12.04. Foss, Sewell and Nagle cleared it on the second attempt, while Buck and Newstetter got over only on the third attempt. The bar was then moved up to 12 ft. 8 in. Foss cleared it on his second attempt, but all the others failed three times in succession and were unable to break the tie for second place.

Winner, Frank K. Foss, Cornell, 12 ft. 8 in.

Second, tie between Wilbur I. Newstetter, Pennsylvania, 1918; Edwin L. Sewell, Pennsylvania, 1916; Howard Swazey Buck, Yale, 1916; Joseph Darwin Nagel, Jr., Yale, 1918, and Kenneth R. Curtis, Syracuse, 1916, at 12 ft. 4 in.

OTHER PERFORMANCES

Monroe G. Cheney, Jr., Cornell, 1916, 12 ft.

Henry Webb Johnstone, Yale, 1916, 12 ft.

Luther Allen Nichols, California, 1916, 12 ft.

George G. Haydock, Harvard, 1916, 11 ft. 6 in.

Harry Weidman, Georgetown, 1916, 11 ft. 6 in.

James Henry Heyl, Jr., Yale, 1917, 11 ft. 6 in.

Clarence M. Babbitt, Harvard, 1918, 11 ft. 6 in.

Joseph M. Carey, Princeton, 1916, 10 ft. 6 in.

Harold Howard Sampson, Bowdoin, 1917, 10 ft. 6 in.

RUNNING BROAD JUMP

Harry T. Worthington, Dartmouth, 1917, won the running broad jump with a leap of 24 ft. $\frac{1}{4}$ in. It was the second best jump ever made in an intercollegiate championship meet and just $4\frac{1}{4}$ inches less than the intercollegiate record established by Alvin C. Kraenzlein, Pennsylvania, 1900, in 1899. Wesley Marion Oler, Jr., Yale, 1915, was second with 23 ft. $7\frac{3}{8}$ in. Two other men, William Frederick Sisson, Leland Stanford, 1917, and Frank Lawrence Maker, California, 1916, each beat 23 ft. Sisson was third with 23 ft. 2 in. and Maker fourth with 23 ft. $1\frac{7}{8}$ in. Foster Martin Hampton, Yale, 1916, was fifth with 22 ft. $7\frac{1}{4}$ in. All five point winners, together with Charles Sumner Reed, M. I. T., 1916, who qualified for the finals with 22 ft. $2\frac{3}{4}$ in., made their best jumps in the preliminaries.

Worthington fouled four times in twelve jumps, three times in the preliminaries and once in the finals. His poorest jump was 23 ft. $7\frac{1}{2}$ in. His jumps in their order were as follows: 23.07 $\frac{3}{8}$, 24.00 $\frac{1}{4}$, 23.08 $\frac{7}{8}$, 23.10 $\frac{1}{8}$, 23.10 $\frac{1}{2}$, 23.10 $\frac{5}{8}$, 23.07 $\frac{1}{2}$, 23.08 $\frac{5}{8}$. Oler had two jumps better than 23 ft., his second leap being 23.00 $\frac{3}{4}$.

Winner, Harry T. Worthington, Dartmouth, 1917, 24 ft. $\frac{1}{4}$ in.

Second, Wesley Marion Oler, Jr., Yale, 1916, 23 ft. $7\frac{3}{8}$ in.

Third, William Frederick Sisson, Leland Stanford, 1917, 23 ft. 2 in.

Fourth, Frank Lawrence Maker, California, 1916, 23 ft. $1\frac{7}{8}$ in.

Fifth, Foster Martin Hampton, Yale, 1917, 22 ft. $2\frac{3}{4}$ in.

The following table shows the performances of the five point winners in their final efforts:

Name.	Best Jump in Preliminaries.	Finals.					
		1	2	3	4	5	6
1. Worthington.....	24.00 $\frac{1}{4}$	23.10 $\frac{1}{8}$	23.10 $\frac{1}{2}$	23.10 $\frac{5}{8}$	23.07 $\frac{1}{2}$	23.08 $\frac{5}{8}$	Foul
2. Oler.....	23.07 $\frac{3}{8}$	22.04	21.04 $\frac{1}{2}$	21.03	21.11 $\frac{1}{8}$	22.04 $\frac{3}{4}$	22.01 $\frac{1}{4}$
3. Sisson.....	23.02	21.10 $\frac{3}{4}$	21.11 $\frac{7}{8}$				
4. Maker.....	23.01 $\frac{1}{4}$	21.05 $\frac{1}{8}$	Foul	21.11 $\frac{7}{8}$	Foul	19.03	21.05 $\frac{1}{4}$
5. Hampton.....	22.07 $\frac{1}{4}$	21.05	21.06	21.10	20.10 $\frac{1}{2}$	22.01 $\frac{3}{8}$	21.02 $\frac{1}{4}$

OTHER PERFORMANCES

Earl Keith Lockard, California, 1916, 22 ft. 2 in.

Ira D. Bertolet, Pennsylvania, 1918, 21 ft. $10\frac{3}{4}$ in.

Seymour Ball Many, New York, 1917, 21 ft. $10\frac{3}{4}$ in.

J. Edward Madden, Princeton, 1917, 21 ft. $10\frac{1}{4}$ in.

Luther Allen Nichols, California, 1917, 21 ft. 10 in.

Lawrence P. Gowdy, Swarthmore, 1916, 21 ft. $8\frac{3}{8}$ in.

Albert L. Culbertson, Cornell, 1917, 21 ft. $6\frac{3}{4}$ in.

Christian T. Buchholz, Jr., Pennsylvania, 1917, 21 ft. $4\frac{1}{4}$ in.

Alma W. Richards, Cornell, 1917, 21 ft. 4 in.

Philip G. Nordell, Dartmouth, 1916, 21 ft. $2\frac{7}{8}$ in.

George Edward Nichols, Yale, 1917, 21 ft. 2 in.

John Francis Isaac, Brown, 1918, 20 ft. 10 in.

Joseph Raymond Evans, Lafayette, 1917, 19 ft. $9\frac{1}{2}$ in.

Aldrich S. Harrison, Cornell, 1917, 19 ft. $6\frac{1}{2}$ in.

SHOT PUT

Harry Bluett Liversedge, California, 1918, won the shot put with 46 ft. $2\frac{1}{2}$ in. He made this put on his second effort in the preliminaries. The other point winners made their best puts in the finals. Clarence W. Spears, Dartmouth, 1917, was second with 46 ft. $1\frac{3}{8}$ in.; Alma W. Richards, Cornell, 1917, was third with 45 ft. $11\frac{3}{4}$ in.; while Edgar Reginald Caughey, Leland Stanford, 1918, was fourth with 45 ft. $4\frac{5}{8}$ in. James Madison Braden, Yale, 1918, took fifth place with 45 ft. $\frac{1}{4}$ in. Thus there was a difference of only 1 ft. $1\frac{1}{4}$ in. between the first and fifth place men.

Winner, Harry Bluett Liversedge, California, 1918, 46 ft. $2\frac{1}{2}$ in.

Second, Clarence W. Spears, Dartmouth, 1917, 46 ft. $1\frac{3}{8}$ in.

Third, Alma W. Richards, Cornell, 1917, 45 ft. $11\frac{3}{4}$ in.

Fourth, Edgar Reginald Caughey, Leland Stanford, 1918, 45 ft. $4\frac{5}{8}$ in.

Fifth, James Madison Braden, Yale, 1918, 45 ft. $\frac{1}{4}$ in.

Cecil F. Cross, Michigan, 1917, qualified for the finals with 43 ft. $10\frac{7}{8}$ in.

The following table shows the standing various puts of the point winners in the final round

Name.	Best Put in Preliminaries.	Finals.					
		1	2	3	1	2	3
1. Liversedge.....	46.02 $\frac{1}{2}$	45.07 $\frac{5}{8}$	45.10 $\frac{5}{8}$	45.07 $\frac{5}{8}$	Foul	44.11 $\frac{3}{8}$	45.02 $\frac{1}{8}$
2. Spears.....	44.09 $\frac{9}{8}$	46.00 $\frac{9}{8}$	45.00 $\frac{7}{8}$	46.01 $\frac{3}{8}$	43.08 $\frac{3}{4}$	45.08 $\frac{5}{8}$	45.01 $\frac{5}{8}$
3. Richards.....	44.00 $\frac{7}{8}$	44.10 $\frac{1}{2}$	4.04 $\frac{3}{4}$	43.09 $\frac{3}{8}$	Foul	45.11 $\frac{3}{4}$	43.01 $\frac{3}{4}$
4. Caughey.....	44.04	43.04 $\frac{7}{8}$	Foul	45.04 $\frac{5}{8}$	Foul	44.05	44.03
5. Braden.....	44.11 $\frac{1}{8}$	42.10 $\frac{7}{8}$	45.00 $\frac{1}{4}$	40.04 $\frac{1}{2}$	44.02 $\frac{1}{2}$	42.04	44.08 $\frac{3}{8}$

OTHER PERFORMANCES

Wallace Carlin Maxfield, Lafayette, 1918, 43 ft. $3\frac{5}{8}$ in.

George B. Howell, Cornell, 1917, 42 ft. 6 in.

D. C. Sinclair, Princeton, 1918, 41 ft. 9 in.

Revere J. Moore, Cornell, 1916, 41 ft. $4\frac{1}{8}$ in.

Frederick M. Gillies, Cornell, 1918, 40 ft. $\frac{1}{2}$ in.

Cedric C. Smith, Michigan, 1918, 39 ft. $9\frac{5}{8}$ in.

Michael M. Dorizas, Pennsylvania, 1916, 39 ft. $9\frac{1}{4}$ in.

Arthur T. Lyman, Jr., Harvard, 1916, 39 ft. 6 in.

HAMMER THROW

Carlton Carlyle Gildersleeve, California, 1918, won the hammer throw with 155 ft. 1 in.; Guy Whitman Leadbetter, Bowdoin, 1916, took second place with 152 ft. 4 in.; while Darrell Harden Richardson, California, 1917, was third with 151 ft. 9½ in.; Christian F. Hagemann, Cornell, 1917, was fourth with 143 ft. 3½ in.; and Chester A. Pudrith, Dartmouth, 1916, fifth with 143 ft. ½ in.

At the conclusion of the preliminaries on Friday Gildersleeve was in third place with both Leadbetter and Richardson leading him. Gildersleeve, however, took the lead and made his winning throw on his second attempt.

Winner, Carlton Carlyle Gildersleeve, California, 1918, 155 ft. 1 in.

Second, Guy Whitman Leadbetter, Bowdoin, 1916, 152 ft. 4 in.

Third, Darrell Harden Richardson, California, 1917, 151 ft. 9½ in.

Fourth, Christian F. Hagemann, Cornell, 1917, 143 ft. 3½ in.

Fifth, Chester A. Pudrith, Dartmouth, 1916, 143 ft. ½ in.

Robert L. Nourse, Princeton, 1917, qualified for the finals with 140 ft. 9 in.

The following table shows the performances of the five point winners in their final throws:

Name.	Best Throw in Preliminaries.	Finals.					
		1	2	3	1	2	3
1. Gildersleeve.....	150.02	150.06	155.01	142.08½	143.06	152.09	Foul
2. Leadbetter.....	152.04	Foul	Foul	145.10	Foul	Foul	145.11
3. Richardson.....	151.09½	134.11½	134.08	149.05	141.07	146.02	141.06½
4. Hagemann.....	143.03½	Foul	144.05½	Foul	135.07	Foul	138.03½
5. Pudrith.....	143.00½	135.00¼	Foul	Foul	139.06½	Foul	Foul

OTHER PERFORMANCES

Rexford W. Jewett, Cornell, 1917, 139 ft. 10 in.

Claude Ezra Monlux, California, 1919, 138 ft. 1 in.

William F. McCormick, Cornell, 1917, 140 ft. 2½ in.

Neilson M. Mathews, Pennsylvania, 1917, 138 ft. 5½ in.

Alfred G. Genert, Princeton, 1917, 137 ft. 2½ in.

Harold A. White, Syracuse, 1917, 135 ft. 4½ in.

William T. Brown, Jr., Yale, 1916, 135 ft. 4 in.

Edward R. Roberts, Harvard, 1916, 131 ft. ½ in.

James Pelham Walden, Yale, 1916, 129 ft. 7 in.

Cedric C. Smith, Michigan, 1918, 127 ft. 11 in.

Winthrop Chester Swain, M. I. T., 1916, 125 ft. 10½ in.

J. Edward Burns, Dartmouth, 1917, 124 ft. 10 in.

P. Paul Miller, Cornell, 1918, 124 ft. 9 in.

Thomas Joyce, Colby, 1917, 122 ft. 3½ in.

Artemus Lamb Gates, Yale, 1918, 114 ft. 3 in.