

THE 53RD ANNUAL TRACK AND FIELD CHAMPIONSHIP ATHLETIC MEETING

The 53rd Track and Field Championship Meeting was held at Franklin Field, Philadelphia, on May 31 and June 1, 1929.

For the third successive year Stanford won the championship. Each year the score has increased somewhat, starting with $36\frac{1}{2}$ in 1927, 43 in 1928 and this year with $45\frac{3}{8}$. The winners of 30 points returned from last year's team as a nucleus for their point scoring efforts. The performances for Southern California in scoring 21 points and gaining second place, of Pennsylvania in scoring $18\frac{7}{8}$ points for third place and of New York University in scoring 14 points for fourth place were illustrative of the changing fortunes of the game. In 1928 Southern California scored 6, Pennsylvania $11\frac{1}{3}$ and New York University 7 points. Yale, second last year, was fifth with $13\frac{5}{8}$ points. In the last eight years the Pacific Coast colleges have won seven times and the end is apparently not yet. Of the thirty-two colleges competing, twenty-three scored points.

For a number of years the games have exhibited almost perfection of management, and it is perhaps difficult to say that one year is better than another, but certainly this year with its splendid weather, a goodly crowd, and the number of innovations for the benefit of spectators, they were strikingly successful. Perhaps the most pleasing thing for the spectators was the rigid adherence to schedule on Saturday, when every event started on the dot.

For possibly the first time in this country, the announcing of the winners of each event was the occasion of a definite ceremony. Two buglers in uniform heralded the announcing of the results and simultaneously with the announcing on the loudspeaker, the flag of the college winning first place was raised over the old gymnasium at the head of the field.

The flags of second and third place

winner were then raised. The procedure seemed to strike the fancy of the spectators.

For the information of the spectators, signs indicating the existing intercollegiate record were posted on the field at the appropriate distances in the shot, hammer, discus and javelin and for once the audience knew immediately when a performance exceeded the previous record.

In the broad jump, several novelties were inaugurated. The measuring was actually done, except, of course, in the case of the record performance, by means of a bar running across the pit and at right angles to it, supported by lateral runways and moved by means of a hand-operated gear. This mechanism has very considerably lessened the labors of the measurers. Just beyond the take-off board and raised slightly in front of it, was a strip of plastic clay, which indicated foot-fouls by a competitor. After a mark had been made by any competitor, the same was erased by a small trowel. The new type of indicator was used to show each jump. A board ten feet long having indicated thereon distances from 20 to 25 feet, was planted in the ground beside the runway. A black marker extending over each side of the board was moved to show each jump. Painted on the board was a red band showing the distance of the record and a green marker was slid along the board to show the distance of the best performance in the event up to that time. The marker was large enough to be readily seen and helped to keep up the interest of the spectators. In the pole vault and the broad jump, the planks bordering the runway had been carefully measured and marked in feet and inches. This tended very greatly to reduce the time involved by competitors measuring their run.

In the weight events, two circles were provided, one of which was used entirely for practice and the other of which was used for the actual competition.

The usual four-sided box indicators

raised on standards were used for indicating the height of the high jump and the pole vault.

The lap-recording device used for the Indoor Meet was again used in the mile and two-mile.

As is customary, photographs were taken directly on the finish line, with substandard cameras, and special effort was made to take slow motion pictures of all of the best field event performers. It is hoped that positives will be available at cost to any colleges or associations desiring them. These slow motion pictures should be invaluable aids to teams in assisting their training in the field events, and it is hoped that every college will avail itself of the opportunity of having a copy of these films. So far as is known, no collection of films of this character exists which have been made from champions in action.

Scarcely a year goes by without the breaking of some record, but with the exception of the 220-yard dash record, made in 1927, it is a long time since two track records have been broken. These were the 880-yard and two-mile records. The records in the shot put and the broad jump were also broken.

Perhaps the most difficult and spectacular record broken was that of the 880. The old record of 1 minute 53 seconds, held by James E. (Ted) Meredith of Pennsylvania, made on May 27, 1916, was lowered by $\frac{4}{5}$ of a second by Philip A. Edwards of New York University. The previous performance of Edwards warranted the expectation of this record being lowered and when, at the end of the first 220 he had opened up a gap of 10 yards on a first class field, everyone knew that he was making a supreme effort to accomplish the result. At the end of the quarter he was nearly 25 yards ahead. Coming down the straightaway, he tired perceptibly and the field closed part of this gap. He won, however, unchallenged by a distance of $15\frac{1}{2}$ yards. His performance not only created a new intercollegiate and collegiate record, but tied the American record, held also by Meredith.

The performance of James L. Reid of Harvard, in winning the two-mile in 9 minutes 22 seconds, broke another old record established by Ivan C. Dresser of Cornell on May 31, 1919, at 9 minutes 22- $\frac{2}{5}$ seconds. This race was supposed to be principally a duel between Reid, who had won the Outdoor title last year, and Joseph Hagen of Columbia, who won the title indoors. The pace was set for most of the distance by William J. Cox of Penn. State, winner of the mile in 1927 and twice winner of the Cross-Country Run. On several occasions his teammate, Charles Meisinger, assumed the lead. In the hard drive to the tape, however, it was Cox who, 50 yards from the tape, seemed to have the race won. Reid, with a terrific sprint, tore past him to win by two yards. Hagen, who for the last three laps had been in third position, retained that order of finish eight yards behind the winner.

The expected duel between Harlow P. Rothert and Eric C. W. Krenz of Stanford materialized. Rothert, with a magnificent heave of 50 feet 3 inches, made on Friday, broke the intercollegiate and collegiate records made by Krenz last year at 50 feet 1 inch. Both men had exceeded this record in competition earlier in the year. Krenz, who, up to the next to the last put, was third with 48 feet 5 inches, gained second place with a put of 50 feet $\frac{5}{8}$ of an inch.

In the broad jump, Jesse T. Hill of Southern California won the event and broke the intercollegiate record on his last jump with a leap of 25 feet $\frac{7}{8}$ inch. The previous record was held by Alfred H. Bates of Penn. State, made in Cambridge last year with a jump of 24 feet $10\frac{3}{8}$ inches. Up to this leap, Lamoine A. Boyle of Pennsylvania was leading with a jump of 24 feet $7\frac{7}{16}$ inches.

Sidney B. Kieselhorst of Yale also bettered a record, that of Alvin C. Kraenzlein of Pennsylvania of 23- $\frac{3}{5}$ seconds in the low hurdles. Kieselhorst's time was 23- $\frac{3}{10}$ seconds, but the record was denied on account of an assisting wind.

**The Record of Individuals Entered,
Actually Competing, and Starts Made
is as follows:**

College	Entries	Starters	Starts
Bates	5	2	2
Boston College	11	4	5
Bowdoin	10	2	2
Brown	8	3	3
California	12	5	5
Colby	12	1	1
Colgate	5	4	7
C. C. N. Y.	4	4	5
Columbia	23	5	7
Cornell	81	12	16
Dartmouth	45	12	14
Fordham	5	1	2
Georgetown	9	5	9
Harvard	73	19	21
Haverford	9	5	7

Holy Cross	13	3	4
Maine	15	6	7
M. I. T.	6	3	3
Michigan State	12	6	6
N. Y. U.	31	12	20
Penn. State	28	11	19
Pennsylvania	43	18	26
Pittsburgh	5	5	7
Princeton	46	9	11
So. California	32	13	14
Stanford	23	14	18
Swarthmore	5	3	4
Syracuse	27	7	8
Union	3	2	2
West Virginia	4	2	2
Williams	14	—	—
Yale	48	26	30
	667	224	287

**POINT SCORE—TRACK AND FIELD CHAMPIONSHIP MEETING,
MAY 31-JUNE 1, 1929**

College	100 Yards	220 Yards	440 Yards	880 Yards	1 Mile	2 Miles	120 Yard Hurdles	220 Yard Hurdles	Shot Put	High Jump	Pole Vault	Broad Jump	Javelin	Discus	Hammer	Total Score
Stanford	4	4	—	—	—	—	6	—	9	$\frac{3}{8}$	4	2	6	10	—	45 $\frac{3}{4}$
Southern California	2	—	—	—	—	—	—	4	1	—	4	8	2	—	—	21
Pennsylvania	—	2	2	—	—	1	3	—	3	$3\frac{7}{8}$	—	4	—	—	—	18 $\frac{7}{8}$
New York Univ.	—	—	—	8	5	—	—	—	—	—	—	—	—	1	—	14
Yale	—	—	4	—	—	—	—	—	—	$\frac{3}{8}$	4 $\frac{1}{4}$	—	—	—	—	13 $\frac{3}{4}$
California	—	—	—	—	2	—	—	—	—	—	—	—	7	—	—	11
Pittsburgh	—	—	5	—	—	—	—	—	—	—	2	1	—	—	3	11
Cornell	—	—	—	1	—	—	—	—	—	$\frac{3}{8}$	$\frac{1}{4}$	—	—	4	5	10 $\frac{5}{8}$
Georgetown	5	3	—	—	—	—	—	—	2	$\frac{3}{8}$	—	—	—	—	—	10 $\frac{3}{4}$
Colgate	—	5	—	—	—	—	1	3	—	—	$\frac{1}{4}$	—	—	—	—	9 $\frac{1}{4}$
Penn. State	—	—	—	—	3	6	—	—	—	—	—	—	—	—	—	9
Princeton	—	—	—	—	4	—	—	—	—	5	—	—	—	—	—	9
Brown	—	—	—	—	—	—	5	—	—	$3\frac{1}{2}$	—	—	—	—	—	8 $\frac{1}{2}$
Harvard	—	—	—	—	—	5	—	1	—	$\frac{3}{8}$	—	—	—	—	2	8 $\frac{3}{8}$
Maine	—	—	—	—	1	—	—	—	—	—	—	—	—	—	5	6
Bates	—	—	—	4	—	—	—	—	—	—	—	—	—	—	—	4
Holy Cross	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	4
Syracuse	1	—	3	—	—	—	—	—	—	—	—	—	—	—	—	4
Columbia	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	3
Michigan State	—	—	—	2	—	—	—	—	—	—	$\frac{1}{4}$	—	—	—	—	2 $\frac{1}{4}$
Dartmouth	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1
C. C. N. Y.	—	—	—	—	—	—	—	—	—	$\frac{3}{8}$	—	—	—	—	—	$\frac{3}{8}$
M. I. T.	—	—	—	—	—	—	—	—	—	$\frac{3}{8}$	—	—	—	—	—	$\frac{3}{8}$

100 YARD DASH

The 100 yard dash provided one of the best fields to appear in years. Six of

the contestants had records of 9-4/5 seconds and eleven others had records of 10 seconds. The first heat was won by

James S. Daley of Holy Cross in 9.8; the second heat by Sidney B. Kieselhorst of Yale in 10.2; the third by Reginald F. Bowen of Pittsburgh in 9.9; the fourth heat by John G. Harwood of Syracuse in 10 flat, and the fifth by Milton Maurer of Southern California in 10.1. Both semi-finals were won in 9.9 seconds. Curiously enough, the final was won in 10 seconds flat. The winner was Karl H. Wildermuth of Georgetown, who came from second place in the last fifteen yards to win from Hector M. Dyer of Stanford by a yard. James S. Daley of Holy Cross was third by four feet, a scant six inches ahead of Milton M. Maurer of Southern California. John G. Harwood of Syracuse, second in last year's event, was fifth, a like distance behind Maurer. Reginald F. Bowen of Pittsburgh, who had just won the quarter mile, was sixth, the same distance behind Harwood.

SUMMARY

Won by Karl H. Wildermuth, Georgetown, '30.

Second, Hector M. Dyer, Stanford, '31, by 1 yard.

Third, James S. Daley, Holy Cross, '30, by 4 feet.

Fourth, Milton M. Maurer, Southern California, '30, by 4½ feet.

Fifth, John G. Harwood, Syracuse, '30, by 5 feet.

Time: 10 seconds.

Also competed: Reginald Bowen, Pittsburgh, '30, sixth, by 5½ feet.

Preliminary Heats

Heat 1—Won by James S. Daley, Holy Cross, '30; second, Richard G. Kent, Colgate, '30, by 4 in.; third, Thomas F. Mason, Harvard, '30, by 2 ft.; fourth, Joseph A. Ball, Pennsylvania, '30, by 1 yd.; fifth, Herbert K. Ensworth, Haverford, '29, by 4 ft. Time: 9.8 seconds.

Heat 2—Won by Sidney B. Kieselhorst, Yale, '30; second, Harris Sacks, Pennsylvania, '31, by 2 ft.; third, Charles

J. Finn, Boston, '31, by 3 ft.; fourth, Arthur L. Watkins, Harvard, '31, by 3½ ft.; fifth, Woodruff Liscombe, C. C. N. Y., '31, by 4 ft. Time: 10.2 seconds.

Heat 3—Won by Reginald Bowen, Pittsburgh, '30; second, William C. Kastler, Pennsylvania, '30, by 4 ft.; third, Arthur G. Andrews, Princeton, '31, by 2 yds.; fourth, Richard Wehner, So. Calif., '31, by 7 ft.; fifth, Charles F. Gill, Yale, '30, by 8 ft. Time: 9.9 seconds.

Heat 4—Won by John G. Harwood, Syracuse, '30; second, Hector M. Dyer, Stanford, '31, by 1 ft.; third, John H. MacDonald, Yale, '31, by 2 yds.; fourth, Jacob Edelstein, Columbia, '29, by 3 yds.; fifth, Charles Huguenin, N. Y. U., '29. Time: 10 seconds.

Heat 5—Won by Milton M. Maurer, So. Calif., '30; second, Karl H. Wildermuth, Georgetown, '30, by 6 in.; third, George N. Stevens, Dartmouth, '31, by 1 yd.; fourth, Frank L. Thompson, Princeton, '31, by 4 ft.; fifth, Joseph Grossberg, C. C. N. Y., '29, by 5 ft. Time: 10 seconds.

Trial Heat for Third Men

Won by Thomas F. Mason, Harvard, '30; second, Charles J. Finn, Boston, '31, by 6 in.; third, John H. MacDonald, Yale, '31, by 1 ft.; fourth, Arthur G. Andrews, Princeton, '31, by 2 ft.; fifth, George N. Stevens Dartmouth, '31, by 1 yd. Time: 10.2 seconds.

Semi-Finals

Heat 1—Won by Hector M. Dyer, Stanford, '31; second, John G. Harwood, Syracuse '30, by 1 ft.; third, James S. Daley, Holy Cross, '30, by 1½ ft.; fourth, William C. Kastler, Pennsylvania, '30, by 1¾ ft.; fifth, Sidney B. Kieselhorst, Yale, '30, by 2 ft.; sixth, Thomas F. Mason, Harvard, '30, by 1 yd. Time: 9.9 seconds.

Heat 2—Won by Karl H. Wildermuth, Georgetown, '30, by 1 ft.; second, Reginald Bowen, Pittsburgh, '30, by 1 yd.; third, Milton M. Maurer, So. Calif., '30, by 4 ft.; fourth, Richard G. Kent, Colgate, '30, by 5 ft.; fifth, Harris Sacks, Pennsylvania, '31, by 1 yd.; sixth, Charles

J. Finn, Boston College, '31, by 5 yds.
Time: 9.9 seconds.

220 YARD DASH

This race also provided an excellent field with ten entrants who had bettered 22 seconds and seven others who had done 22 flat. The first three heats were exceedingly close. The first was won by Richard G. Kent of Colgate in 21.9; the second by Karl H. Wildermuth of Georgetown in 21.8; the third by Charles H. Engle of Yale in 22 flat and the fourth by Hector M. Dyer of Stanford in 21.8. The semi-finals were run in 21.8 and 21.9 respectively. Richard G. Kent of Colgate won the event in the splendid time of 21.1 seconds. This time was one-tenth of a second better than the record up to the great performance of Charles E. Borah of Southern California in 1927. Dyer was second by a scant two feet, leading Wildermuth by about a foot. A few inches behind the latter was William C. Kastler of Pennsylvania. George A. Morin of Holy Cross was fifth by two yards. It is to be noted that the fifth man's time was not worse than 21.3 seconds. Richard Wehmer of Southern California was sixth by about a yard. One of the disappointments of the race was the showing of Charles E. Borah of Southern California, previous champion and record holder. Borah who had become champion in his sophomore year suffered a pulled tendon in the following year and while from time to time he has made some remarkable performances, in this race he was hopelessly handicapped by his old injury.

SUMMARY

Final

Won by Richard G. Kent, Colgate, '30; second, Hector M. Dyer, Stanford, '31, by 2 ft.; third, Karl H. Wildermuth, Georgetown, '30, by 1 yd.; fourth, William C. Kastler, Pennsylvania, '30, by 4 1-2 ft.; fifth, George A. Morin, Holy Cross, '31, by 2 yds. Time: 21.1 seconds.

Also competed: Richard Wehner, So. Calif., '31, by 3 yds.

Preliminary Heats

Heat 1—Won by Richard G. Kent, Colgate, '30; second, William C. Kastler, Pennsylvania, '30, by 1 ft.; third, John H. MacDonald, Yale, '31, by 4 ft.; fourth, Charles E. Borah, So. Calif., '20, by 5 ft.; fifth, Frederick A. Ladd, Jr., M. I. T., '30, by 6 ft.; sixth, Frank L. Thompson, Princeton, '31. Time: 21.9 seconds.

Heat 2—Won by Karl H. Wildermuth, Georgetown, '30; second, Richard Wehner, So. Calif., '31, by 8 in.; third, George A. Morin, Holy Cross, '31, by 2 yds.; fourth, George N. Stevens, Dartmouth, '31, by 4 yds.; fifth, Herbert K. Endsworth, Haverford, '29, by 8 yds.; sixth, William R. Clark, Pennsylvania, '29. Time: 21.8 seconds.

Heat 3—Won by Charles H. Engle, Yale, '30; second, John G. Harwood, Syracuse, '30, by 2 ft.; third, Thomas F. Mason, Harvard, '30, by 2 yds.; fourth, Jacob Edelstein, Columbia, '29, by 7 ft.; fifth, George T. Simons, Fordham, '30, by 3 yds. Time: 22 seconds.

Heat 4—Won by Hector M. Dyer, Stanford, '31; second, Harris Sacks, Pennsylvania, '31, by 4 yds.; third, Charles F. Gill, Yale, '30, by 5 yds.; fourth, Charles Huguenin, N. Y. U., '29, by 7 yds.; fifth, Woodruff Liscomb, C. C. N. Y., '31. Time: 21.8 seconds.

Semi-Finals

Heat 1—Won by Richard G. Kent, Colgate, '30; second, Karl H. Wildermuth, Georgetown, '30, by 2 ft.; third, William C. Kastler, Pennsylvania, '30, by 2½ ft.; fourth, John G. Harwood, Syracuse, '30, by 1 yd.; fifth, John H. MacDonald, Yale, '31, by 4 ft.; sixth, Thomas F. Mason, Harvard, '30, by 5 ft. Time: 21.8 seconds.

Heat 2—Won by Hector M. Dyer, Stanford, '31; second, George A. Morin, Holy Cross '31, by 4 ft.; third, Richard Wehner, So. Calif., '31, by 3 yds.; fourth, Harris Sacks, Pennsylvania, '31, by 4 yds.; fifth, Charles F. Gill, Yale, '30, by 5 yds.; sixth, Charles H. Engle, Yale, '30, by 6 yds. Time: 21.9 seconds.

440 YARD DASH

In the 440 there were three heats, the first was won by Gerard Swope of Dartmouth in 49.4; the second by Reginald F. Bowen of Pittsburgh in 48.4, and the third by John B. Morrison of Stanford in 49 flat. The finals provided a very stirring race. Bowen led from the start and was never headed to win in 48.4 seconds. Charles H. Engle of Yale in the last ten yards made a desperate effort and closed up about three yards on the winner who crossed the line a scant two feet ahead. Norman E. St. Clair of Syracuse was less than a foot behind Engle and about the same distance ahead of Norman K. Saxer of Pennsylvania. Gerard Swope of Dartmouth, who had given promise earlier in the year of taking a better place, was fifth, three and a half yards behind the winner. John B. Morrison of Stanford, who had made the best consistent performance during the current season, was sixth, a foot behind Swope.

SUMMARY**Final**

Won by Reginald F. Bowen, Pittsburgh, '30; second, Charles H. Engle, Yale, '30, by 2 ft.; third, Norman E. St. Clair, Syracuse, '30, by 2 1-2 ft.; fourth, Norman K. Saxer, Pennsylvania, '29, by 3 yds.; fifth, Gerard Swope, Dartmouth, '29, by 3 1-2 yds. Time: 48.4 seconds.

Also competed: John B. Morrison, Stanford, '30, sixth, by 4 yds.; Robert J. Shotter, Georgetown, '30; Theodore W. Graham, Syracuse, '31, and Frank E. Cummings, Harvard, '31.

Preliminary Heats

Heat 1—Won by Gerard Swope, Dartmouth, '29; second, Norman K. Saxer, Pennsylvania, '29, by 6 in.; third, Robert J. Shotter, Georgetown, '30, by 2 1-2 yds.; fourth, Victor E. Williams, So. Calif., '31, by 3 yds.; fifth, George T. Simons, Fordham, '30, by 4 yds. Time: 49.4 seconds.

Also competed: George P. Clayson,

Yale, '30; John P. Hallahan, M. I. T., '29.

Heat 2—Won by Reginald F. Bowen, Pittsburgh, '30; second, Charles H. Engle, Yale, '30, by 6 yds.; third, Theodore W. Graham, Syracuse, '31, by 6 1-2 yds.; fourth, John G. Ward, Pennsylvania, '29, by 7 yds.; fifth, Gerald Pearson, So. Calif., '31, by 7 1-2 yds. Time: 48.4 seconds.

Also competed: Malcolm L. Pratt, Dartmouth, '31; Frederick F. Veit, N. Y. U., '29.

Heat 3—Won by John B. Morrison, Stanford, '30; second, Norman E. St. Clair, Syracuse, '30, by 1 yd.; third, Frank E. Cummings, Harvard, '31, by 4 yds.; fourth, Edwin D. Roll, Colgate, '29, by 4 1-2 yds. Time: 49 seconds.

Also competed: Thomas S. Bowie, Union, '30; William Mulcahy, Boston College, '30; Frederick B. Tuttle, Yale, '30.

880 YARD RUN

Perhaps the most difficult and spectacular record broken was that of the 880. The old record of 1 minute 53 seconds, held by James E. (Ted) Meredith of Pennsylvania, made on May 27, 1916, was lowered by 4-5 of a second by Philip A. Edwards of New York University. The previous performance of Edwards warranted the expectation of this record being lowered and when at the end of the first 220 he had opened up a gap of 10 yards on a first class field everyone knew that he was making a supreme effort to accomplish the result. At the end of the quarter he was nearly 25 yards ahead. Coming down the straightaway he tired perceptibly and the field closed part of this gap. He won, however, unchallenged by a distance of 15 1-2 yards. His performance not only created new intercollegiate and collegiate records but tied the American record, held also by Meredith. Russell Chapman of Bates who had previously, during the season, turned in a 1:56 half-mile was second, a yard and a half ahead of Edwards' teammate, Frederick F. Veit. Lewis H. Hackney of Michigan State was three yards behind with S. Lewis Elmer of Cornell two yards

back. The rest of the field was strung out at various intervals. As has happened on many occasions the previous record holder was present to see his record broken. The performances of the field were indeed of a very high character. Certainly the fifth place man could not have been worse than 1:56. It is altogether probable that if Edwards had run a slower first quarter the record would have been lowered much more.

SUMMARY

Final

Won by Philip A. Edwards, N. Y. U., '29; second, Russell H. Chapman, Bates, '31, by 15 1-2 yds.; third, Frederick F. Veit, N. Y. U., '29, by 17 yds.; fourth, Lewis H. Hackney, Michigan State, '30, by 20 yds.; fifth, S. Lewis Elmer, Cornell, '31, by 22 yds. Time: 1 minute, 52.2 seconds.

Also competed: Robert L. Garland, Princeton, '29; Walter Gassner, N. Y. U., '30; Thomas L. Milstead, Georgetown, '30; George K. Offenhauser, Penn. State, '29; Robert P. Porter, Harvard, '29.

Preliminary Heats

Heat 1—Won by Philip A. Edwards, N. Y. U., '29; second, Lewis H. Hackney, Michigan State, '30, by 1 yd.; third, Robert L. Garland, Princeton, '29, by 4 ft.; fourth, S. Lewis Elmer, Cornell, '31, by 4½ ft.; fifth, Thomas L. Milstead, Georgetown, '30, by 5 ft. Time: 1 minute 58.9 seconds.

Also competed: Leon F. Andrews, Dartmouth, '31; James W. King, Penn. State, '31; Walter R. Koch, Harvard, '29; Joseph Mendeloff, N. Y. U., '29.

Heat 2—Won by Frederick F. Veit, N. Y. U., '29; second, Robert P. Porter, Harvard, '29, by 1 yd.; third, George K. Offenhauser Penn. State, '29, by 4 ft.; fourth, Russell H. Chapman, Bates, '31, by 2 yds.; fifth, Walter Gassner, N. Y. U., '30, by 3 yds. Time: 1 minute 57.6 seconds.

Also competed: Robert F. Edgar, Haverford, '31; John J. O'Connell, Columbia, '31; George W. Smith, Harvard, '30; Maurice G. Talcott, Yale, '31.

ONE MILE RUN

The mile was one of the two races which was won by the defending indoor champion. Joseph J. Hickey of New York University, by a terrific sprint down the straightaway passed John E. Gore of Princeton and George K. Offenhauser of Penn. State and won handily by 6 yards. Offenhauser in third place had been the favorite by reason of his mile in 4:16 two weeks before. Gore, who had been merely within striking distance, raced past Offenhauser in the last twenty yards to beat him to the tape by two yards. Harry Carter of California, fifth in 1928, was in fourth place nine yards behind Hickey. Victor B. MacNaughton of Maine scored the last point, six yards behind Carter. Wallace E. Viles of Bates was sixth, twenty yards behind the winner, Meredith G. Clark of Michigan State, fourth in 1928, was unplaced. Hickey ran an extremely well judged race following throughout his own pace. At the end of the first quarter he was twelfth, at the half seventh and at the three-quarters fourth. Up the back stretch he gradually moved into contact with the two leaders until in the straightaway he was in a fine position to fight out the sprint on even terms. The race was run in the excellent time of 4 minutes 21.4 seconds.

SUMMARY

Won by Joseph J. Hickey, N. Y. U., '30; second, John E. Gore, Princeton, '29, by 6 yds.; third, George K. Offenhauser, Penn. State, '29, by 8 yds.; fourth, Harry Carter, California, '29, by 9 yds.; fifth, Victor B. MacNaughton, Maine, '29, by 15 yds.; sixth, Wallace E. Viles, Bates, '31, by 20 yds. Time: 4 minutes 21.4 seconds.

Also competed: Thomas J. Meagher, Boston College, '31; George Bullwinkle, C. C. N. Y., '31; William Gilchrist, Columbia, '31; Horace H. Benson, Cornell, '29; Joseph G. Huckins, Dartmouth, '31; James O. Wildes, Harvard, '29; David Cobb, Harvard, '31; George B. Edgar, Haverford, '31; Meredith G. Clark, Mich-

igan State, '29; William J. Cox, Penn. State, '29; Paul E. Rekers, Penn. State, '31; Richard J. Detweiler, Penn. State, '31; Charles A. Meisinger, Penn. State, '31; James W. King, Penn. State, '31; Roland C. Ritchie, Pennsylvania, '31; William T. Collins, Pennsylvania, '29; Valentine O. Goodelle, Syracuse, '30; Francis R. O'Brien, Yale, '31.

TWO MILE RUN

The performance of James L. Reid of Harvard in winning the two mile in 9 minutes 22 seconds, broke another old record established by Ivan C. Dresser of Cornell on May 31, 1919, at 9 minutes 22 2-5 seconds. This race was supposed to be principally a duel between Reid who had won the Outdoor title last year and Joseph Hagen of Columbia, who won the title indoors. The pace was set for most of the distance by William J. Cox of Penn. State, winner of the mile in 1927 and twice winner of the Cross-Country Run. On several occasions his team mate, Charles Meisinger assumed the lead but in the hard drive to the tape it was Cox who, 50 yards from the tape, seemed to have the race won. Reid with a terrific sprint tore past him to win by two yards. Hagen, who for the last three laps had been in third position, retained that order of finish eight yards behind the winner. Charles A. Meisinger of Penn. State was fourth 18 yards from the tape. and Jesse L. Montgomery of Pennsylvania, fifth, four yards behind Meisinger. Lauren P. Brown of Michigan State, third in 1928, and Horace H. Benson of Cornell, fifth in 1928, were unplaced.

SUMMARY

Won by James L. Reid, Harvard, '29; second, William J. Cox, Penn. State, '29, by 2 yds.; third, Joseph Hagen, Columbia, '30, by 8 yds.; fourth, Charles A. Meisinger, Penn. State, '31, by 18 yds.; fifth, Jesse L. Montgomery, Pennsylvania, '29, by 22 yds. Time: 9 minutes 22 seconds.

Also competed: Everett Mossman, California, '31; William Gilchrist, Colum-

bia, '31; Orson C. Beaman, Cornell, '29; Samuel R. Levering, Cornell, '30; Horace H. Benson, Cornell, '29; Leslie Flaksman, Harvard, '29; Harry L. Richardson, Maine, '30; Lauren P. Brown, Michigan State, '30; Clark S. Chamberlain, Michigan State, '31; Nathan Lernes, N. Y. U., '31; Joseph Hickey, N. Y. U., '30; Paul E. Kekers, Penn. State, '31; Richard J. Detweiler, Penn. State, '31; Benjamin M. Merembeck, Pennsylvania, '29; Morgan D. Smith, Yale, '30.

120 YARD HURDLE

In a fast and even race up to the last five yards John S. Collier of Brown reversed the result of last year's race by beating J. Ross Nichols of Stanford to the tape by a yard. The time of 14.6 seconds, which had been equalled previously by Collier in a semi-final heat was but 1-5 of a second behind the Intercollegiate and world's record. Collier also won his heat in 14.8 seconds. The other heats were all over 15 seconds. The other three place winners were newcomers in the winners' ranks. George W. McCoy of Pennsylvania was third, six yards behind Collier. Rogers P. Smith, a Stanford sophomore, was fourth, two yards behind McCoy and George H. Stollwerck of Colgate was fifth, a yard behind Smith. Both Collier and Nichols graduate this year, ending a three years' duel on practically even terms.

SUMMARY

Final

Won by John S. Collier, Brown, '29; second, J. Ross Nichols, Stanford, '29, by 1 yd.; third, George W. McCoy, Pennsylvania, '29, by 6 yds.; fourth, Rogers P. Smith, Stanford, '31, by 8 yds.; fifth, George H. Stollwerck, Colgate, '30, by 9 yds. Time: 14.6 seconds.

Preliminary Heats

Heat 1—Won by John S. Collier, Brown, '29; second, Sol Furth, N. Y. U., '30, by 4 yds.; third, Rogers P. Smith, Stanford, '31, by 5 yds.; fourth, George H. Clark, Cornell, '31, by 6 yds.; fifth,

Edward Knoblock, Pittsburgh, '30 (fell).
Time: 14.8 seconds.

Heat 2—Won by George W. McCoy, Pennsylvania, '29; second, J. Ross Nichols, Stanford, '29, by 6 in.; third, Arthur G. DeVoe, Yale, '31, by 1 yd.; fourth, William N. Young, Cornell, '29, by 2 yds.; fifth, Henry L. Parrish, Swarthmore, '30, by 3 yds. Time: 15.2 seconds.

Heat 3—Won by Ward R. Edmonds, Stanford, '29; second, Charles L. Webber, So. Calif., '29, by 2 yds.; third, Henry W. Putnam, Dartmouth, '29, by 5 yds.; fourth, George H. Stollwerck, Colgate, '30, by 6 yds.; fifth, Francis J. Mardulier, Harvard, '30, by 7 yds. Time: 15.1 seconds.

Trial Heat For Fourth Men

Won by George H. Stollwerck, Colgate, '30; second, William N. Young, Cornell, '29, by 1 yd.; third, George H. Clark, Cornell, '31, by 2 1-2 yds.

Semi-Finals

Heat 1—Won by John S. Collier, Brown, '29; second, J. Ross Nichols, Stanford, '29, by 2½ yds.; third, Henry W. Putnam, Dartmouth, '29, by 8 yds.; fourth, Arthur G. DeVoe, Yale, '31, by 8 1-2 yds.; fifth, Charles L. Webber, So. Calif., '29, by 9 yds. Time: 14.6 seconds.

Heat 2—Won by George W. McCoy, Pennsylvania, '29; second, George H. Stollwerck, Colgate, '30, by 2 ft.; third, Rogers P. Smith, Stanford, '31, by 1 yd.; fourth, Sol Furth, N. Y. U., '30, by 1 1-2 yds.; fifth, Ward R. Edmonds, Stanford. Time: 15.3 seconds.

Heat For Third and Fourth Men of Semi-Finals

Won by Rogers P. Smith, Stanford, '31; second, Sol Furth, N. Y. U., '30, by 4 yds.; third, Arthur G. DeVoe, Yale, '31, by 5 yds.; fourth, Henry W. Putnam, Dartmouth, '29, by 6 yds. Time: 15.2 seconds.

220 YARD HURDLES

Sidney B. Kieselhorst of Yale was the third defending champion to come

through a victor. His winning time in the 220 yard hurdles was 23.3 seconds or three-tenths of a second better than the record of the famous Alvin C. Kraenzlein of Pennsylvania. The record, however, was not allowed by the referee on account of an assisting wind. Kieselhorst had previously won his semi-final in 23.8 seconds. Ernest A. Payne, a Southern California sophomore, who had himself equalled the record during the season, was second, 3 yards behind. George H. Stollwerck of Colgate, 3 1-2 yards behind the winner, was third, with Alfonso Pogolotti of California fourth, 5 yards behind. George A. Tupper of Harvard, who was second in 1928, took fifth place, 6 yards behind the winner.

SUMMARY

Final

Won by Sidney B. Kieselhorst, Yale, '30; second, Ernest A. Payne, So. Calif., '31, by 3 yds.; third, George H. Stollwerck, Colgate, '30, by 3 1-2 yds.; fourth, Alfonso Pogolotti, California, '30, by 5 yds.; fifth, George A. Tupper, Harvard, '29, by 6 yds. Time: 23.3 seconds*

Preliminary Heats

Heat 1—Won by George T. Tupper, Harvard, '29; second, Sol Furth, N. Y. U., '30, by 1 ft.; third, Alfonso Pogolotti, California, '30, by 4 yds.; fourth, Wallace W. Fullerton, Penn. State, '31, by 10 yds. Time: 24.3 seconds.

Heat 2—Won by Ernest A. Payne, So. Calif., '31; second, Sidney B. Kieselhorst, Yale, '30, by 1 ft.; third, William H. Sykes, Haverford, '29, by 3 1-2 yds.; fourth, William N. Young, Cornell, '29, by 5½ yds.; fifth, William H. Buch, Pennsylvania, '30, by 7 yds. Time: 24.3 seconds.

Heat 3—Won by James A. Payne, So. Calif., '30; second, Henry L. Parrish, Swarthmore, '30, by 2 yds.; third, Sherwood Smith, Yale, '30, by 4 yds.; fourth, George H. Clark, Cornell, '31, by 8 yds.; fifth, David Myers, N. Y. U., '30 (fell). Time: 25.1 seconds.

Heat 4—Won by Briggs S. Cunningham, Yale, '31; second, George H. Stoll-

werck, Colgate, '30, by 2 ft.; third, John W. Lincoln, Princeton, '30, by 3½ yds.; fourth, Frank K. Beyer, Cornell, '29, by 4 yds.; fifth, Sebastian J. Marzucco, Penn. State, '30, by 5 yds. Time: 24.2 seconds.

Trial Heat For Third Men

Won by Alfonso Pogolotti, California, '30; second, William H. Sykes, Haverford, '29, by 1 ft.; third, John W. Lincoln, Princeton, '30, by 5 yds.; fourth, Sherwood Smith, Yale, '30, by 8 yds. Time: 25.3 seconds.

Semi-Finals

Heat 1—Won by George H. Stollwerck, Colgate, '30; second, Alfonso Pogolotti, California, '30, by 4 ft.; third, George A. Tupper, Harvard, '29, by 4 1-2 ft.; fourth, Briggs S. Cunningham, Yale, '31, by 3 yds. Time: 24.3 seconds.

Heat 2—Won by Sidney B. Kieselhorst, Yale, '30; second, Ernest A. Payne, So. Calif., '31, by 1 yd.; third, Sol Furth, N. Y. U., '30, by 4 yds.; fourth, William H. Sykes, Haverford, '29, by 8 yds. Time: 23.8 seconds.

Run-Off For Third and Fourth Men of Semi-Finals

Won by George A. Tupper, Harvard, '29; second, Briggs S. Cunningham, Yale, '31, by 1 1-2 yds.; third, William H. Sykes, Haverford, '29, by 3 yds.; fourth, Sol Furth, N. Y. U., '30. Time: 24.5 seconds.

*Record not allowed because of wind.

16-POUND SHOT PUT

For the second time in the Intercollegiate two competitors have exceeded the fifty foot mark. This was true this year and was also true in 1928 but the first two places were reversed from the results of last year. On his first put Harlow P. Rothert of Stanford broke the Intercollegiate record with a put of 50 1 7-8 inches. It is a coincidence that Eric C. W. Krenz last year also broke the previous record on his first put. On the fourth put Rothert sent

the shot a distance of 50 feet 3 inches, breaking the record of 50 feet 1 inch made by Krenz last year. This mark was not bettered on Saturday. Krenz was not able to approach 50 feet on Friday but on his very last put on Saturday reached 50 feet and 5-8 inch. Bernard Berlinger, Pennsylvania's many sided athlete, was third with 49 feet 3¾ inches. David Adelman of Georgetown, holder of the indoor record of 48 feet 8 inches, was fourth with precisely the same distance as his indoor record. Clarence Schleimer of Southern California was fifth with 47 feet 11 inches. This distance was almost a foot greater than the third place performance of last year and was practically the same as the winning put of two years ago.

SUMMARY

Won by Harlow P. Rothert, Stanford, '30, 50 ft. 3 in.*; second, Eric C. W. Krenz, Stanford, '30, 50 ft. ¾ in.; third, Bernard Berlinger, Pennsylvania, '31, 49 ft. 3 5-8 in.; fourth, David A. Adelman, Georgetown, '29, 48 ft. 8 in.; fifth, Clarence Schleimer, Southern California, '31, 47 ft. 11 in.

*Intercollegiate and Collegiate record.

Other Performances

Charles Smith, N. Y. U., '30, 45 ft. 4 in.; J. Howard Morris, Haverford, '30, 45 ft. 2 3-4 in.; Lawrence H. Levy, Cornell, '30, 44 ft. 8 7-8 in.; Leo B. Sexton, Georgetown, '30, 44 ft. 2 3-4 in.; Harold Lamberg, Pennsylvania, '29, 43 ft. 8¼ in.; Harry Schneider, N. Y. U., '31, 42 ft. 2 in.; John S. O'Gorman, Yale, '29, 42 ft. 1 1-2 in.; George Wilczewski, Boston College, '30, 41 ft. 10 1-2 in.; Julius Byles, Princeton, '31, fouled.

JAVELIN THROW

While the record was not broken the winning performance of Leo P. Kibby of Stanford of 204 feet 7 inches was an excellent throw. This throw was made in Kibby's last effort on Friday. Emory Curtice of California was next with 203 feet 2 1-4 inches. Kenneth Churchill,

also of California, was third with 200 feet 7 5-8 inches. It is interesting that three men exceeded 200 feet. With the exception of Creth B. Hines of Georgetown, record holder, no other competitor has ever exceeded this distance. Jesse P. Mortensen of Southern California was third with 198 feet 9 inches and William A. Sparling of Stanford was fifth with 196 feet 10 $\frac{3}{4}$ inches. All of these performances were done on Friday, although on Saturday there was more wind but the day was just as perfect. All of the point-winners came from California and were distributed among the three California members.

SUMMARY

Won by Leo P. Kibby, Stanford, '29, 204 ft. 7 in.; second, Emory Curtice, California, '29, 203 ft. 2 1-4 in.; third, Kenneth Churchill, California, '31, 200 ft. 7 5-8 in.; fourth, Jesse P. Mortensen, Southern California, '30, 198 ft. 9 in.; fifth, William A. Sparling, Stanford, '29, 196 ft. 10 3-4 in.

Other Performances

David Myers, N. Y. U., '30, 195 ft. 8 in.; not measured: Warren L. Worden, Cornell, '29 Robert E. Lee, Dartmouth, '31; Victor M. Harding, Harvard, '31; Thomas G. Moore, Harvard, '29; James G. Hayden, Michigan State, '30; William D. Musser, Penn. State, '31; Calvin W. Shawley, Penn. State, '31; Bernard Berlinger, Pennsylvania, '31; William P. Lee, Pennsylvania, '29; William T. Healey, Princeton, '29; J. Atkinson, Swarthmore, '31; Philip S. Carr, Yale, '31; Frank V. Keesling, Yale, '30.

RUNNING HIGH JUMP

For the first time the competition in the high jump was confined to Saturday, the trials of Friday having been eliminated in the previous convention. The result was excellent. The men were saved the double competition and all competitors were competing under precisely the same conditions. With the usual number of men the event was

completed in but little more than the customary time. The event was won by Benjamin Van D. Hedges of Princeton with a leap of 6 feet 2 1-2 inches as compared with the winning height of 6 feet in 1928 under poor weather conditions and 6 feet 4 1-2 inches in 1927. Bernard Berlinger of Pennsylvania scored in his second event by tying for second place with Cecil T. Russell of Brown at 6 feet 1 1-2 inches. Fourth place resulted in a most unusual tie between eight men at 6 feet, all of the eight being from different colleges. Eleven men did 6 feet or better.

SUMMARY

Won by Benjamin Van D. Hedges, Princeton, '30, 6 ft. 2 1-2 in.

Tie for second: Bernard Berlinger, Pennsylvania, '31; Cecil T. Russell, Brown, '30, 6 ft. 1 1-2 in.

Tie for fourth: Ferdinand E. Babor, C. C. N. Y., '31; P. S. Benjamin, M. I. T., '30; Philip S. Brown, Harvard, '30; Cedric M. Madison, Stanford, '30; William B. Newkirk, Pennsylvania, '31; Leo B. Sexton, Georgetown, '30; John S. Wickham, Cornell, '30; George M. Wolf, Yale, '30, 6 ft.

Other Performances

Charles E. O'Connor, Maine, '30, 5 ft. 10 in.; Cavell K. Pierce, Dartmouth, '29, 5 ft. 10 in.; William M. Pump, Colgate, '29, 5 ft. 10 in.; James A. Stratton, Pennsylvania '29, 5 ft. 10 in.; Leo Bernson, N. Y. U., '31, 5 ft. 8 in.; Hugh Kaul, Yale, '29, 5 ft. 8 in.; Everett Utterback, Pittsburgh, '31, 5 ft. 5 in. (passed).

POLE VAULT

The competition in the pole vault was held under the same conditions as in the high jump. The elimination of the trials of Friday proved to be a welcome innovation. This event illustrates the general advance in pole vaulting that has taken place in recent years. Three men tied for first place at 13 feet 9 inches, Frederic H. Sturdy of Yale, Ward R. Edmonds of Stanford and E. Jack Wil-

liams of Southern California. A keen competition had been expected and the result proved this to be warranted. Victor W. Pickard of Pittsburgh was fourth with a vault of 13 feet 6 inches. The competition for fifth place resulted in a tie between four men at 12 feet 6 inches. The list of competitors was somewhat smaller than in the previous year so that the complete contest took but little more time than the usual Saturday's finals. It is quite possible that the excellence of the performances was assisted by the competition being held in the one contest.

SUMMARY

Won by Frederic H. Sturdy Yale, '29; Ward R. Edmonds, Stanford, '29; E. Jack Williams, Southern California, '29, 13 ft. 9 in.; fourth, Victor W. Pickard, Pittsburgh, '29, 13 ft. 6 in.; tie for fifth, Everett L. Colyer, Cornell, '31; Harold L. McAtee, Michigan State, '29; Ashley Pond, Yale, '29; William M. Pump, Colgate, '29, 12 ft. 6 in.

Other Performances

William Cone, Yale, '30, 12 ft.; James W. Huff, Princeton, '29, 12 ft.; Albert K. Noyes, Dartmouth, '31, 12 ft.; Philip A. Beckler, Maine, '29, 11 ft. 6 in.; William H. Cleaver, Harvard, '29, 11 ft. 6 in.

DISCUS THROW

The discus was won for the second time in succession by Eric C. W. Krenz of Stanford with a throw of 153 feet 4 inches. This performance was a foot and a half below his record throw of last year. John F. Anderson of Cornell was second with a throw of 150 feet 5 3-8 inches. Anderson last year was fourth, more than five feet behind this year's performance. Norman A. McLeod of Stanford was third with 142 feet 10 5-8 inches. Harlow P. Rothert, the third Stanford man to place in this event, was fourth at 139 feet 9 inches. Harry Schneider of N. Y. U. was the final point-winner with a throw of 139 feet 2 3-4 inches.

SUMMARY

Won by Eric C. W. Krenz, Stanford, '30, 153 ft. 4 in.; second, John F. Anderson, Cornell, '29, 150 ft. 5 3-8 in.; third, Norman A. McLeod, Stanford, '31, 142 ft. 10 5-8 in.; fourth, Harlow P. Rothert, Stanford, '30, 139 ft. 9 in.; fifth, Harry Schneider, N. Y. U., '31, 139 ft. 2 3-4 in.

Other Performances

Frederick Steiner, Pennsylvania, '31, 135 ft. 11 $\frac{3}{4}$ in.; Harold Lamberg, Pennsylvania, '30, 134 ft. 5 $\frac{5}{8}$ in.; Ray E. Tandy, Stanford, '29, 129 ft. 7 $\frac{5}{8}$ in.; John A. Brandenburg, Yale, '29, 124 ft. 2 in.; Edward F. Flanagan, Holy Cross, '31, 121 ft. 6 in.

Performances not measured: George Wilczewski, Boston College, '30; Robert E. Lee, Dartmouth, '31; Leo B. Sexton, Georgetown, '30; Thomas H. Alcock, Harvard, '29; J. Howard Morris, Haverford, '30; Earle R. Gowell, Maine, '30; Calvin W. Shawley, Penn. State, '31; Harry L. Bresloff, Syracuse, '31; Frederick E. Weicker, Yale, '31.

RUNNING BROAD JUMP

The broad jump produced a most exciting contest. Jesse T. Hill of Southern California was leading at the end of Friday's contest at 23 ft. 7 $\frac{1}{2}$ in. when Lamoine A. Boyle of Pennsylvania on his first jump on Saturday went into the lead with a leap of 24 ft. 2 $\frac{1}{8}$ in. Hill then jumped 24 ft. 3 $\frac{1}{8}$ in. to be followed by a jump by Boyle of 24 ft. 7 $\frac{7}{16}$ in. Hill on his last chance gathered himself together and made a magnificent leap of 25 ft. 7 $\frac{1}{8}$ in. breaking the Intercollegiate record by 2 $\frac{1}{2}$ in. This record was established by Alfred H. Bates of Penn State in the meet at Cambridge last year. The competition in this event has seen a new Intercollegiate record in each of the last three years. Boyle did not increase his distance and took second place. Howard M. Paul, also of Southern California, was third with 24 ft. 2 $\frac{7}{8}$ in. Virgil Dowell of Stanford was fourth with 23 ft. 8 $\frac{1}{2}$ in. Everett E. Utterback of Pittsburgh was fifth with 23 ft. 5 $\frac{1}{8}$ in.

SUMMARY

Won by Jesse T. Hill, Southern California, '29, 25 ft. $\frac{7}{8}$ in.* Second, Lamoiñic A. Boyle, Pennsylvania, '31, 24 ft. 7-7/16 in. Third, Howard M. Paul, Southern California, '31, 24 ft. $2\frac{7}{8}$ in. Fourth, Virgil C. Dowell, Stanford, '30, 23 ft. $8\frac{1}{2}$ in. Fifth, Everett Utterback, Pittsburgh, '31, 23 ft. $5\frac{1}{8}$ in.

*Intercollegiate record.

Other Performances

Frank E. Benjamin, Jr., Syracuse, '31, 23 ft. $\frac{5}{8}$ in.; Sol Furth, N.Y.U., '30, 22 ft. $11\frac{3}{8}$ in.; Roger B. Donner, Dartmouth, '31, 22 ft. 11 in.; Warren C. Rowe, Harvard, '31, 22 ft. $7\frac{3}{4}$ in.; William B. Newkirk, Pennsylvania, '31, 22 ft. $4\frac{7}{8}$ in.; Albert L. Anderson, Stanford, '29, 22 ft. $3\frac{1}{2}$ in.; Charles E. O'Connor, Maine, '30, 22 ft. $1\frac{1}{8}$ in.; Edward Canby, Dartmouth, '29, 21 ft. 10 in.; Theodore H. Smith, Syracuse, '31, 21 ft. 9 in.; Arthur Andrews, Princeton, '31, 21 ft. 6 in.; Franklin T. Oldt, Yale, '30, 20 ft. $9\frac{7}{8}$ in.; Gilmour Soule, Bowdoin, '30, 20 ft. $9\frac{1}{2}$ in.

HAMMER THROW

The hammer throw was won by Edmund F. Black of Maine with a throw of 163 feet. Black was second last year with a throw of 167 ft. 4 in. He was third in 1927 with 159 ft. $7\frac{3}{4}$ in. Warren

L. Worden of Cornell, fifth last year, was second with 160 ft. $5\frac{1}{4}$ in. Donald Gwinn of Pittsburgh was third last year and in the same position this year with 159 ft. $8\frac{1}{4}$ in., compared with 163 ft. 4 in. last year. Paul N. Vonckx of Harvard, a newcomer in the competition, was fourth with 154 ft. $7\frac{3}{4}$ in. Frank J. Weiss of Cornell, also competing for the first time, was fifth with 151 ft. $1\frac{3}{4}$ in.

SUMMARY

Won by Edmund F. Black, Maine, '29, 163 ft. Second, Warren L. Worden, Cornell, '29, 160 ft. $5\frac{1}{4}$ in. Third, Donald Gwinn, Pittsburgh, '29, 159 ft. $8\frac{1}{4}$ in. Fourth, Paul N. Vonckx, Harvard, '31, 154 ft. $7\frac{3}{4}$ in. Fifth, Frank J. Weis, Cornell '30, 151 ft. $1\frac{3}{4}$ in.

Other Performances

Victor R. King, Dartmouth, '31, 145 ft. $5\frac{1}{2}$ in.; Edward F. Flanagan, Holy Cross, '31, 143 ft. $6\frac{1}{2}$ in.; George H. Crile, Yale, '29, 140 ft. $5\frac{1}{2}$ in.; Thomas H. Alcock, Harvard, '29, 136 ft. $4\frac{1}{4}$ in.; Clarence Keefer, West Virginia, '29, 135 ft. $7\frac{1}{4}$ in.; Charles D. Morrill, Penn. State, '29, 132 ft. $11\frac{1}{2}$ in.; Philip Chapman, Bowdoin, '30, 130 ft. 10 in.; Thomas E. Moore, Yale, '30, 130 ft. $9\frac{3}{4}$ in.; R. Bartlett Pond, Columbia, '29, 127 ft. $11\frac{3}{4}$ in.; Calvin W. Shawley, Penn. State, '31, 119 ft. 2 in.