

SPALDING'S

ATHLETIC LIBRARY

RULES OF COMPETITION, CONSTITUTION
BY LAWS AND RECORDS

1934

CONSTITUTING THE

OFFICIAL HANDBOOK
OF THE
INTERCOLLEGIATE
ASSOCIATION OF
AMATEUR
ATHLETES OF
AMERICA

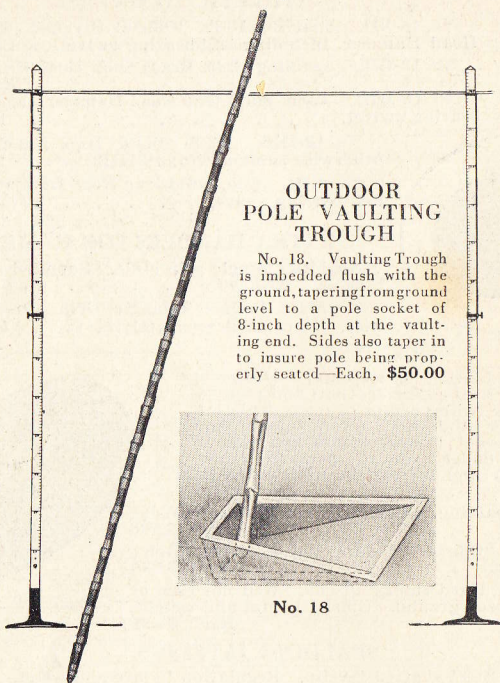
March 5, 1934

Office of the Association:

57 EAST 56TH STREET, NEW YORK CITY

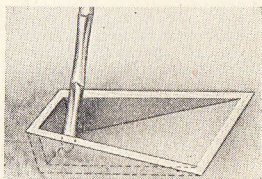
AMERICAN SPORTS PUBLISHING COMPANY
45 ROSE STREET, NEW YORK

Spalding Field and Track Athletic Implements



OUTDOOR POLE VAULTING TROUGH

No. 18. Vaulting Trough is imbedded flush with the ground, tapering from ground level to a pole socket of 8-inch depth at the vaulting end. Sides also taper in to insure pole being properly seated—Each, **\$50.00**



No. 18

VAULTING AND JUMP STANDARDS

- No. 216. Spalding "Official Olympic" Pole Vault Standards; registers to 14½ feet with ½-inch graduation..... Pair, \$60.00
 No. 206. Spalding "Official Olympic" Jump Standards; registers to 8 feet with 1-inch graduation..... Pair, \$25.00

OLYMPIC OUTDOOR BAMBOO VAULTING POLES

- No. O10. 10 feet..Each, \$7.75 No. O14. 14 feet..Each, \$8.25
 No. O12. 12 feet.. " 7.75 No. O16. 16 feet.. " 8.25
 No. O18. 18 feet..Each, \$8.25



Front row—Wells, Parsons, Quinn, Webster, Koenig, McKenzie, Foore, Jungkeit, Benavidez, Berry, Carter, Ramsey, VanLandingham, Hood, Barnes. Middle row—Saffell, Reed, Blewett, Learned, Winn, Ashcraft, Hall, McFadden, Johnson, Olsen, VanOsdel, Ablowich, Bateman, Tompkins, Ball, J. McNeill, Cassin. Back row—Dean Cromwell, Coach; Bonham, Cutler, Spiers, N. McNeil, Brown, Williamson, Osburne, Chrissman, Graber, Strehlow, Oswald, Renick, Guthrie, Lyon, Jones, Fimple, Paul, Fraleigh, Mgr.

UNIVERSITY OF SOUTHERN CALIFORNIA—I.C.A.A.A. CHAMPIONS.

CONTENTS

	PAGE
Officers	4
Members of the Association	6
Schedule of I.C.A.A.A.A. Dates	8
Constitution	9
By-Laws	24
Athletic Rules of the Association	36
Championship Meets	64
Awarding of Championship Cups, Trophies, Medals, Point Score....	70
Records and Form of Application	80
Report of Executive Committee	85
Fifty-seventh Track and Field Championship, 1933.....	89
Cross-Country Championships, 1933.....	97
'Varsity Meets, 1933.....	100
Thirteenth Indoor Championship, 1934.....	103
Officers of the Association, 1876 to 1934.....	110
Advisory Committee and Graduate Secretary-Treasurer, 1897 to 1934...	115
I.C.A.A.A.A. Track and Field Champions, 1876 to 1933.....	117
I.C.A.A.A.A. Indoor Champions, 1922 to 1934.....	135
Articles of Alliance with the Amateur Athletic Union.....	140
I.C.A.A.A.A. Intercollegiate Records	141
I.C.A.A.A.A. Collegiate Records	143
I.C.A.A.A.A. Indoor Intercollegiate Records.....	144
I.C.A.A.A.A. Indoor Collegiate Records.....	145
Total Points Won in I.C.A.A.A.A. Annual Championship Meetings....	147
Total Points Won in I.C.A.A.A.A. Annual Indoor Championships.....	148
I.C.A.A.A.A. Team Winners.....	149
Index	150

A special Convention of the Association held on January 14, 1934, called primarily to consider matters dealing with the Indoor Meet, approved the date of Monday, March 5, for the Indoor Meet and the place as Madison Square Garden.

Such Convention approved changing the 4x300 meters relay to 4x400 meters and the 4x600 meters relay to 4x800 meters and the distances of the Freshman Relay to 800, 400, 200 and 1500 meters.

For the reason that the International Federation had not yet acted on the change of the 1500 meter and 3000 meter runs to 1600 and 3200 meters, respectively, the proposed amendments effecting such changes were not adopted.

The matter of the distance of the sprint and hurdle races for the Garden was left to the Advisory Committee to provide the longest distance possible.

The number of competitors for the 1500 and 3000 meter runs was limited to two for each member except by special permission of the Executive Committee.

The Executive Committee submits to this Convention and recommends for adoption a budget calling for expenditures of \$14,825, and expected revenue of \$19,125.

The Executive Committee has made available slow motion pictures of outstanding track and field performers at the 1933 Outdoor Meeting which it believes are valuable for training. There is but one reel primarily of field events, which may be had for \$15.

The Executive Committee submits without recommendation the applications for membership of Alfred University and Northeastern University.

FIFTY-SEVENTH ANNUAL TRACK AND FIELD CHAMPIONSHIP MEETING.

Held at Soldiers Field, Cambridge, Mass., May 26 and 27, 1933.

This meeting was noteworthy for the fact that it was the first Outdoor Meeting with distances measured in the metric system. The races themselves were indistinguishable from the old distances and very few in the audience would have realized that the men were not running halves, quarters and miles. The field events were measured and announced in feet and inches and only in the matter of time was the spectator confronted with anything different or puzzling.

With the exception of the 100 and the high hurdles the events in the metric system are all slightly under the same event measured in yards. The Executive Committee prior to the meet decided and announced that any one desiring to continue on for the purposes of a record to the longer distances would have judges and timers provided so as to give him the benefit of any record that he could make. No requests for this privilege were received.

Third place in the meet presented a rather unusual tie among three teams with 16 points each, Cornell, New York University and Yale.

Probably the most spectacular performances were provided by William R. Bonthron, of Princeton, who won both the 800 and the 1,500 meter runs. This feat has been accomplished by only three others in the history of the meets (see list of previous winners). The time of Bonthron's 800 meter was 1 minute 53.5 seconds and the 1,500 meter in 3 minutes 54 seconds.

It is interesting to note that in all finals and many semi-finals and heats the times announced by the timers and that recorded by the Kirby camera timer were practically identical, considering the limitation of a stop watch to time only to the nearest one-tenth second.

Two records were broken, the high jump by George B. Spitz, Jr. of New York University, with 6 feet 6 $\frac{1}{8}$ inches, and the shot put, 52 feet 8 $\frac{1}{2}$ inches, by John C. Lyman.

100 METER DASH.

In some ways the 100 meter dash was the most remarkable race of the day. Electric timer pictures showed clearly the unusual spectacle of two men actually tying for second place.

Figures in parentheses represent time taken by Kirby photo-electric camera.

Heat 1—10.8s.(10.91s.). Charles B. Parsons, Southern California'34, won; Donald D. Johnson, Princeton'33, second; Richard F. Hardy, Cornell'34, third; George W. Weinstein, N.Y.U.'34, fourth; Erskine E. Smith, Yale'35, fifth. Also competed: John J. Joyce, Boston College'35; John J. Hayes, Harvard'34.

Heat 2—10.9s.(10.99s.). Leslie H. Ball, Southern California'34, won; Alfred E. Maskrey Jr., Pennsylvania'34, second; John E. McManus, Boston College'34, third; Harry A. Spinney, Brown'35, fourth; Arthur C. Walsh, Yale'33, fifth. Also competed: John C. Brown, Harvard'34; Bernard J. Krosney, N.Y.U.'33.

Heat 3—11.00s.(11.10s.). Leslie I. Hables, Stanford'33, won; Gus A. Heyman, C.C.N.Y.'36, second; Sidney Lines, Colgate'35, third; Edwin E. Calvin, Har-

vard'35, fourth; John G. Kunitzky, N.Y.U.'33, fifth. Also competed: Michael H. Sheridan, Lafayette'34; David Lazarus, C.C.N.Y.'35.

Semi-Final Heat 1—10.8s.(10.87s.). Richard F. Hardy, won; Charles B. Parsons, second; Alfred E. Maskrey Jr., third; Leslie I. Hables, fourth; Sidney Lines, fifth. Also competed: Harry A. Spinney.

Semi-Final Heat 2—10.6s.(10.71s.). Leslie H. Ball, won; George W. Weinstein, second; Donald D. Johnson, third; Gus A. Heyman, fourth; Edwin E. Calvin, fifth. Also competed: John E. McManus.

FINAL HEAT—10.8s.(10.80s.). Richard F. Hardy, Cornell'34, won; Leslie H. Ball and Charles B. Parsons, Southern California'34, second, by 1½ feet (10.85s.); Alfred E. Maskrey Jr., Pennsylvania'34, fourth, by 2 feet (10.86s.); Donald D. Johnson, Princeton'33, fifth, by 2 feet (10.86s.). Also competed: George W. Weinstein, N.Y.U.'34, by 3 yards (11.12s.).

200 METER DASH.

This race did not present the difficulties of judging as with the 100 meter. The performance of Jones, the winner, was noteworthy, inasmuch as he had about an hour before taken second place in the 400 meter with a performance of 47.56 seconds.

Heat 1—21.9s.(22.02s.). George W. Weinstein, N.Y.U.'34, won; Leslie I. Hables, Stanford'33, second; Lester Borden, Fordham'35, third; William L. McGeough, Manhattan'32, fourth; John C. Brown, Harvard'34, fifth. Also competed: Seymour W. Beardsley, Yale'33.

Heat 2—21.9s.(21.94s.). Gus A. Heyman, C.C.N.Y.'36, won; Henry M. Little, William and Mary'35, second; Nathan P. Dodge, Harvard'33, third; John G. Kunitzky, N.Y.U.'35, fourth; Sidney Lines, Colgate'35, fifth. Also competed: Richard F. Baldwin, Yale'35; Hiram T. Dale, Penn State'33.

Heat 3—21.7s.(21.80s.). Charles B. Parsons, Southern California'34, won; Robert J. Kane, Cornell'34, second; James F. O'Connor, Harvard'35, third; Erskine E. Smith, Yale'35, fourth; John J. Joyce, Boston College'35, fifth. Also competed: Alvin F. Gotankie, N.Y.U.'33; Benjamin Moses, Syracuse'34.

Heat 4—21.7s.(21.74s.). Howard M. Jones, Pennsylvania'33, won; Edwin E. Calvin, Harvard'35, second; Bernard J. Krosney, N.Y.U.'33, third; John E. McManus, Boston College'34, fourth; Arthur C. Walsh, Yale'33, fifth. Also competed: David Lazarus, C.C.N.Y.'35; Lester E. Williams, N.Y.U.'34.

Semi-Final Heat 1—21.7s.(21.81s.). Charles B. Parsons, won; Edwin E. Calvin, second; George W. Weinstein, third; Henry M. Little, fourth; Lester Borden, fifth. Also competed: James F. O'Connor.

Semi-Final Heat 2—21.5s.(21.60s.). Howard M. Jones, won; Robert J. Kane, second; Gus A. Heyman, third; Nathan P. Dodge, fourth; Bernard J. Krosney, fifth. Also competed: Leslie I. Hables.

FINAL HEAT—21.3s.(21.35s.). Howard M. Jones, Pennsylvania'33, won; Robert J. Kane, Cornell'34, second, by 5 feet (21.51s.); Charles B. Parsons, Southern California'34, third, by 2 yards (21.55s.); Edwin E. Calvin, Harvard'35, fourth, by 2½ yards (21.62s.); Gus A. Heyman, C.C.N.Y.'36, fifth, by 3¾ yards (21.65s.). Also competed: George W. Weinstein, N.Y.U.'34, by 11 yards (21.91s.).

400 METER DASH.

The time of the winner, 46.9 seconds, is seven-tenths of a second slower than William A. Carr's world record made at the Olympic Games of 1932. When the race was half over he was nearly 5 yards ahead and while he was compelled to let down the terrific pace somewhat he nevertheless maintained this lead.

Heat 1—47.5s.(47.49s.). James E. LuValle, U.C.L.A.'35, won; Allan F. Blackman, Stanford'35, second; Arnold G. Adams, Bates'33, third; James C. Healey,

Pennsylvania'33, fourth; Kenneth A. Gilmore, Columbia'35, fifth. Also competed: Morton A. Silverman, C.C.N.Y.'36; Gordon W. Winslow, Holy Cross'33; Lester E. Williams, N.Y.U.'34; Warren R. Rainear, Princeton'34; Jacob W. Hershey, Yale'34.

Heat 2—48.8s.(48.87s.). Karl D. Warner, Yale'34, won; Harry C. Tompkins, Southern California'35, second; Harry L. Hoffman, N.Y.U.'34, third; Carlisle Abell, Harvard'34, fourth; William L. McGeough, Manhattan'33, fifth. Also competed: Dana Smith, Boston College'34; Timothy E. Ring, Holy Cross'35; John K. Edwards, Pennsylvania'33; Fred L. Kiger, Pittsburgh'35; Benjamin Moses, Syracuse'34.

Heat 3—48.3s.(48.38s.). Edgar A. Ablowich, Southern California'34, won; Howard M. Jones, Pennsylvania'33, second; Fred T. Clarke, Lafayette'35, third; George S. Johnston, Princeton'33, fourth; Francis L. Rhodes, Penn State'34, fifth. Also competed: William J. Parks, Boston College'34; Boardman Veazie, Dartmouth'34; Charles Deubel, Fordham'35; Harold Lamb, N.Y.U.'34; William E. Estes, Yale'34.

FINAL HEAT—46.9s.(46.97s.). James E. LuValle, U.C.L.A.'35, won; Howard M. Jones, Pennsylvania'33, second, by 5 yards (47.56s.); Karl D. Warner, Yale'34, third, by 7 yards (47.81s.); Edgar A. Ablowich, Southern California'34, fourth, by 22 feet (47.84s.); Harry C. Tompkins, Southern California'35, fifth, by 9 yards (48.26s.); Allan F. Blackman, Stanford'35, sixth, by 9½ yards (48.34s.). Also competed: Arnold G. Adams, Bates'33; Fred T. Clarke, Lafayette'35; Harry L. Hoffman, N.Y.U.'34.

800 METER RUN.

The result of this race constituted the second amazing performance of William R. Bonthron of Princeton. In a field noteworthy for outstanding performers Bonthron, who an hour before had been through a punishing performance in the 1500 meter, won by a clear margin of 4 yards over Dunaway of Penn State.

Heat 1—1m. 55.9s.(1m. 55.85s.). William V. Keller, Pittsburgh'35, won; Joseph M. Burns, Manhattan'33, second; Ben B. Eastman, Stanford'33, third; John Mulvihill, Fordham'34, fourth; Arthur F. Sutherland, Yale'33, fifth. Also competed: Paul J. Dailey, Boston College'34; Frank G. Stiles Jr., Brown'34; Ebenezer F. Bowditch, Harvard'35; Gerald P. Rosen, Harvard'33; C. Kenneth Warren, Michigan State'34.

Heat 2—1m. 55.6s.(1m. 55.78s.). William R. Bonthron, Princeton'34, won; Ferris M. Webster, Southern California'35, second; Wayland F. Dunaway, Penn State'33, third; Robert J. Jordan, Boston College'33, fourth; John M. Morse, Harvard'34, fifth. Also competed: John W. Hunt, Colby'35; Stephen H. Sampson, Cornell'34; Howard S. Derricksion, Harvard'35; James J. Dyson, Lafayette'33; George T. French, Yale'33.

Heat 3—1m. 55.6s.(1m. 55.74s.). Otto W. Pongrace, Michigan State'34, won; John B. White, Harvard'34, second; Joseph R. Mangan, Cornell'34, third; David R. Poore, Southern California'34, fourth; William A. Patterson, Columbia'35, fifth. Also competed: Francis J. Eaton, Boston College'35; Adrian W. T. Andrews, Manhattan'35; Samuel Mothner, N.Y.U.'33; A. Leslie Schaefer, Pennsylvania'33; Wilson Streeter, Syracuse'33.

FINAL HEAT—1m. 53.5s.(1m. 53.34s.). William R. Bonthron, Princeton'34, won; Wayland F. Dunaway, Penn State'33, by 4 yards (1m. 53.91s.), second; Otto W. Pongrace, Michigan State'34, by 5 yards (1m. 54.05s.), third; Ben B. Eastman, Stanford'33, by 16 feet (1m. 54.07s.), fourth; William V. Keller, Pittsburgh'35, by 17 feet (1m. 54.16s.), fifth; Joseph M. Burns, Manhattan'33, by 17½ feet (1m. 54.18s.), sixth. Also competed: Joseph R. Mangan, Cornell'34; John B. White, Harvard'34; Ferris M. Webster, Southern California'35.

1,500 METER RUN.

The 1,500 meter was the first of the longer races to be decided. The field was an unusually strong one. William R. Bonthron of Princeton gradually moved up from sixth position to within striking distance of the leaders until at the beginning of the homestretch he had a clear track and was moving smoothly in the lead, increasing his distance to finish without effort 7 yards ahead of Mangan. Summary:

3m. 54s.(3m. 53.82s.).—William R. Bonthron, Princeton'34, won; Joseph R. Mangan, Cornell'34, second, by 7 yards (3m. 54.98s.); Frank A. Crowley, Manhattan'34, third, by 9 yards (3m. 55.30s.); Frank T. Nordell, N.Y.U.'34, fourth, by 24 yards; Paul K. Vipond, Cornell'34, fifth, by 29 yards; John T. Grady, Columbia'33, sixth, by 38 yards. Also competed: John F. Moynahan, Boston College'33; John J. Keville, Columbia'33; Robert Quimby, Dartmouth'35; Alfred B. Hallowell, Harvard'34; Ebenezer F. Bowditch, Harvard'35; Charles F. Woodard, Harvard'35; John P. Scheu, Harvard'35; James M. Estabrook, Harvard'34; John M. Morse, Harvard'34; John J. Ryan, Manhattan'33; Adrian W. T. Andrews, Manhattan'35; John A. Thompson, Manhattan'35; Morton W. Jenkins, M.I.T.'35; Wesley V. Hurd, Michigan State'35; Samuel Mothner, N.Y.U.'33; Roy A. Siesky, Penn State'33; Wilson Streeter, Syracuse'33; John W. Turley, Yale'34; Maxwell J. Hamilton, Yale'34.

3,000 METER RUN.

This race was unquestionably a startling upset. Joseph P. McCluskey of Fordham, after winning the Outdoor Two Mile for two years, the Indoor Two Mile for three years and countless other noteworthy races, was simply conceded the championship. John J. Ryan of Manhattan had followed McCluskey in various positions so many times that his following McCluskey again to the middle of the last lap was considered as merely normal. To everyone's surprise, however, instead of Ryan fading, he tore past McCluskey in the homestretch and drew away from him to win by 20 yards.

8m. 36.4s.(8m. 36.37s.).—John J. Ryan, Manhattan'33, won; Joseph P. McCluskey, Fordham'33, second, by 20 yards (8m. 43.92s.); George H. Barker, N.Y.U.'33, third, by 35 yards (8m. 47.57s.); Philip F. Finch, Cornell'33, fourth, by 39 yards (8m. 48.44s.); Samuel H. Grodman, N.Y.U.'33, fifth, by 48 yards (8m. 50.80s.). Also competed: Russell E. Jellison, Bates'33; Francis J. Lang, Boston College'33; Ralph F. Ward, Boston College'33; John F. Hazen, Cornell'34; Frank J. Lepreau, Dartmouth'34; Arthur Foote, Harvard'33; Joseph S. Hayes, Harvard'33; Edward W. Kenney, Holy Cross'35; Frank A. McKenna, Manhattan'34; Wesley V. Hurd, Michigan State'35; Earle Bateman, Syracuse'34; Allen H. Minor, Yale'35; Morris B. Canning, Yale'35.

110 METER HIGH HURDLES.

This race, which is almost the exact distance of the 120-yard event, provided not only a large field but a good one. Robert C. Lyon of Southern California early demonstrated his superiority by turning in a 14.7 third heat and a semi-final in 14.8 seconds, the same time as the final.

Heat 1—15.3s.(15.38s.). George S. Lockwood, Yale'33, won; Henry R. Withington, Harvard'35, second; Alden L. Herbert, Stanford'33, third; Neal J. Holland, Boston College'34, fourth.

Heat 2—15.3s.(15.29s.). August W. Meier, Stanford'34, won; John L. Condit, Pennsylvania'35, second; John C. Grady, Harvard'33, third; Clifford P. Liberty, Michigan State'33, fourth; Gorham K. Crosby, M.I.T.'34, fifth. No wind.

Heat 3—14.7s.(14.89s.). Robert C. Lyon, Southern California'35, won; Charles F. Pfeifer, Pennsylvania'33, second; Edwin G. Bath, Michigan State'33, third; Robert F. Smith, Manhattan'33, fourth; John A. Bennett, Cornell'34, fifth.

Heat 4—15.2s.(15.34s.). Charles O. Pessoni, Manhattan'35, won; Charles W. Allen, Bowdoin'34, second; Walter S. Merwin, Cornell'35, third; William C. Embry, Dartmouth'34, fourth.

Heat 5—15.2s.(15.31s.). Edward E. Welsh, Southern California'33, won; John S. Fatseas, N.Y.U.'35, second; Irwin E. Jackson, Penn State'33, third; John J. Hayes, Harvard'34, fourth; Frank J. Irving, Cornell'35, fifth.

Quarter-Final Heat 1—15.6s.(15.59s.). Charles W. Allen, won; Henry R. Withington, second; Walter S. Merwin, third; Irwin E. Jackson, fourth; John L. Condit, fifth.

Quarter-Final Heat 2—15s.(15s.). Charles F. Pfeifer, won; Edwin G. Bath, second; John S. Fatseas, third.

Semi-Final Heat 1—14.8s.(14.84s.). Robert C. Lyon, won; George S. Lockwood, second; Charles F. Pfeifer, third; Charles O. Pessoni, fourth; John S. Fatseas, fifth.

Semi-Final Heat 2—14.7s.(14.92s.). August W. Meier, won; Edward E. Welsh, second; Edwin G. Bath, third; Charles W. Allen, fourth; Henry R. Withington, fifth.

Fifth Man Heat—15.1s.(no clock). Edwin G. Bath, won; Charles O. Pessoni, second; Charles F. Pfeifer, third; Charles W. Allen, fourth.

FINAL HEAT—14.8s.(14.85s.). Robert C. Lyon, Southern California'35, won; August W. Meier, Stanford'34, second, by 2 feet (14.94s.); Edwin G. Bath, Michigan State'33, third, by 3½ yards (15.22s.); George S. Lockwood, Yale'33, fourth, by 5 yards (15.39s.); Edward E. Welsh, Southern California'33, fifth, by 16 feet (15.43s.).

200 METER HURDLES.

This event was a five-heat field and the same heart-breaking number of run-offs. The time for the fifth man was 23.95 seconds. This was possibly the fastest low hurdles that had been run in the meets.

Heat 1—24.2s.(24.28s.). August W. Meier, Stanford'34, won; Clifford P. Liberty, Michigan State'33, second; Frank J. Irving, Cornell'35, third; William G. Van Keuren, Penn State'34, fourth; Charles W. Allen, Bowdoin'34, fifth.

Heat 2—24.7s.(24.76s.). John C. Grady, Harvard'33, won; Irwin E. Jackson, Penn State'33, second; Joseph F. Healey, N.Y.U.'34, third; John A. Bennett, Cornell'34, fourth.

Heat 3—25.3s.(25.35s.). Charles F. Pierson, Yale'34, won; Arthur E. Mielke, N.Y.U.'35, second; Robert F. Smith, Manhattan'33, third; Edward G. Carey, Boston College'33, fourth; David B. Cheek, Harvard'34, fifth.

Heat 4—24.9s.(25.31s.). Norman P. Paul, Southern California'34, won.

Heat 5—24.5s.(24.67s.). Alden L. Herbert, Stanford'33, won; Charles E. Dunbar, Yale'35, second; John S. Fatseas, N.Y.U.'35, third; J. Kingsley Lattimer, Columbia'35, fourth; William V. Hayes, Boston College'34, fifth.

Quarter-Final Heat 1—24.6s.(24.63s.). Norman P. Paul, won; Frank J. Irving, second; Edward G. Carey, third; Joseph F. Healey, fourth; J. Kingsley Lattimer, fifth.

Quarter-Final Heat 2—25.3s.(25.41s.). William G. Van Keuren, won; John A. Bennett, second; Robert F. Smith, third; John S. Fatseas, fourth.

Semi-Final Heat 1—23.8s.(23.78s.). Norman P. Paul, won; August W. Meier, second; Charles F. Pierson, third; Irwin E. Jackson, fourth; Arthur E. Mielke, fifth.

Semi-Final Heat 2—23.9s.(23.84s.). Alden L. Herbert, won; John C. Grady, second; Clifford P. Liberty, third; Charles E. Dunbar, fourth; William G. Van Keuren, fifth.

Fifth Man Heat—24.1s.(24.07s.). Charles F. Pierson, won; Clifford P. Liberty, second; Charles E. Dunbar, third; Irwin E. Jackson, fourth.

FINAL HEAT—23.4s(23.36s.). Alden L. Herbert, Stanford'33 won; Norman P. Paul, Southern California'34, second, by 1 yard (23.48s.); August W. Meier, Stanford'34, third, by 4½ yards (23.87s.); Charles F. Pierson, Yale'34, fourth, by 5 yards (23.95s.); John C. Grady, Harvard'33, fifth, by 1½ feet (23.95s.).

16-LB. SHOT PUT.

No field event has furnished such remarkable improvement of performances in recent years as has the shot put. Stanford's representatives, Krenz in 1928 and Rotherth in 1929, astounded the world, with Gray, also of the same college, holding up the prowess of its shot putters. It remained for another Stanford man, John C. Lyman, to break the approved world's record of 52 feet 7⅞ inches with an astounding heave of 52 feet 8½ inches. Ten out of twelve of his puts were over 50 feet and five of them over 51 feet, with no fouls, and it is worth noting that his style is unusually easy and graceful. Even the fourth man was 2⅞ inches beyond the Intercollegiate record of 1928.

John C. Lyman, Stanford'34, 52 feet 8½ inches, won; (Intercollegiate and Collegiate record and better than approved world record); Gordon H. Dunn, Stanford'34, 51 feet 7 inches, second; Hueston M. Harper, Southern California'34, 51 feet, third; Nelson A. Gray, Stanford'33, 50 feet 3⅞ inches, fourth; John H. Dean, Harvard'34, 48 feet 1½ inches, fifth. Also competed: Henri J. Laborde, Stanford'33; Thomas F. Gilbane, Brown'33; Abraham M. Sheuer, N.Y.U.'34; Jules J. Finkelstein, N.Y.U.'35; Philip H. Couhig, Boston College'33; Robert E. Lamberton Jr., Williams'35; Arthur F. Jackson, Yale'34; Norman E. Martin, Cornell'34; John J. Healey, Harvard'34.

JAVELIN THROW.

Horace P. Odell, Manhattan'35, 205 feet ½ inch, won; Frank E. Williamson, Southern California'34, 204 feet 2¾ inches, second; Kenneth McKenzie, Southern California'33, 201 feet 9¼ inches, third; George W. Werntz, Colgate'33, 199 feet 7½ inches, fourth; Woodrow Bralley, William and Mary'35, 195 feet 11 inches, fifth. Also competed: John D. Mottram, Stanford'35; Sherwood E. Buckland, N.Y.U.'34; William H. Keesling, Yale'34; Laurence C. Brown, Brown'34; Norman W. Rand, Dartmouth'35; Marshall H. Huey Jr., Penn'33; Cleo Beaumont, Michigan State'35; Harry B. Combs, Yale'35; Robert F. Estes, Colby'35; Howard W. Huntington, Harvard'34; Robert J. Sigel, Penn State'33.

DISCUS THROW.

Henri J. Laborde, Stanford'33, 162 feet 10½ inches, won; Gordon G. Dunn, Stanford'34, 156 feet 7 inches, second; John H. Dean, Harvard'34, 151 feet 6 inches, third; Nelson A. Gray, Stanford'33, 151 feet 5½ inches, fourth; John J. Healey, Harvard'34, 151 feet, fifth. Also competed: Philip H. Couhig, Boston College'33; Paul L. Bateman, Southern California'33; Joseph P. Crowley, Yale'33; William B. Bauer, Williams'34; Harrison Garrett, Princeton'33; Thomas F. Gilbane, Brown'33; John C. Lyman, Stanford'34; Stanley Pjawlock, Fordham'35; Richard E. Carpenter, Dartmouth'35; Herman L. Arbenz, Cornell'34; Norman E. Martin, Cornell'34; Richard A. Sigel, Penn State'35.

RUNNING BROAD JUMP.

Henry M. Little, William and Mary'35, 24 feet 4¼ inches, won; Norman P. Paul, Southern California'34, 23 feet 7¼ inches, second; John W. Adams, Bowdoin'35, 23 feet 6½ inches, third; Doyle C. Gilbert, Southern California'35, 23 feet 5½ inches, fourth; Edwin E. Calvin, Harvard'35, 23 feet 4 inches, fifth. Also competed: Philip P. Williams, Stanford'34; Thomas F. McNally, Holy Cross'33; Robert Philipson, Syracuse'34; Paul E. Zaches, Stanford '34; Alfred G. Morin, Holy Cross'34.

POLE VAULT.

With the splendid field of 14-foot jumpers, the results were decidedly disappointing and there is no question but what the weather was responsible. Five men tied for first place at 13 feet 6 inches and three of whom had gone well over 14 feet at other times.

George G. Jefferson, U.C.L.A.'33; William N. Graber, Southern California'33; Bernard W. Deacon, Stanford'34; William W. Miller, Stanford'33; Keith S. Brown, Yale'35, all 13 feet 6 inches. Also competed: Francis Schumann, Harvard'33; Frank E. Pierce, Yale'34; Wirt L. Thompson, Yale'34; Clement W. Williamson, Yale'33, 13 feet; George Munger Penn'33; Isadore Belloff, Cornell'33; Laurence C. Brown, Brown'34; Joseph E. Buonanno, Brown'34; William H. Morrissey, Manhattan'35; William H. Mulhern, Boston'33; Eldon Stutzman, Syracuse'35; Freeman G. Webb, Maine'33; John D. Woodberry, Harvard'35; George V. Muchler, N.Y.U.'33.

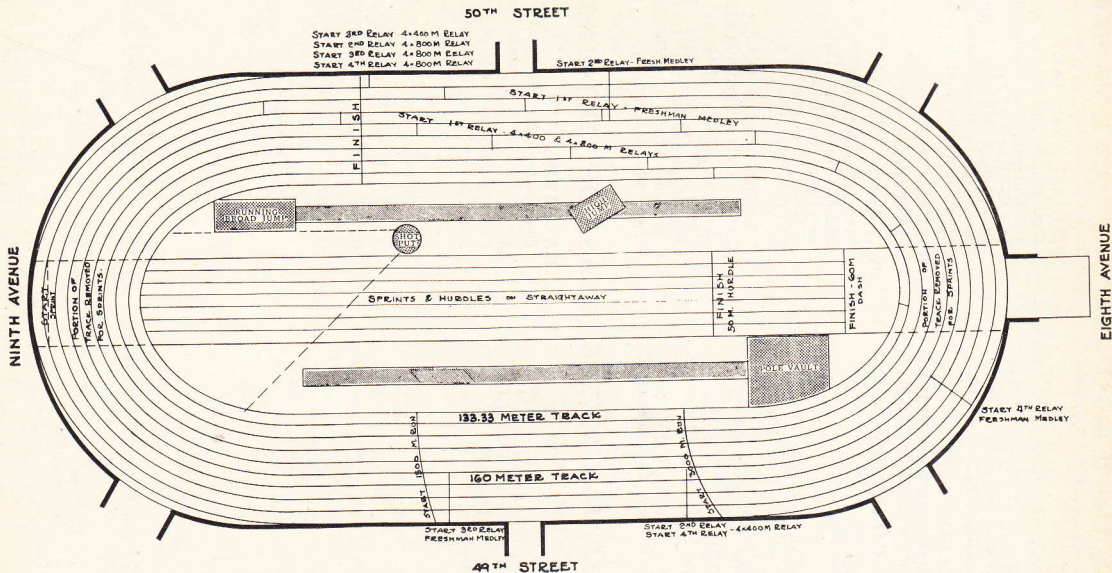
RUNNING HIGH JUMP.

As was expected, the high jump record was broken. George E. Spitz Jr. of N.Y.U., a junior competing his first time in the Intercollegiate, won after a great battle at 6 feet 6⅞ inches, breaking the Intercollegiate record.

George E. Spitz Jr., N.Y.U.'34, 6 feet 6⅞ inches, won, (Intercollegiate and Collegiate records); Robert L. Van Osdel, Southern California'33, 6 feet 5½ inches, second; Keith S. Brown, Yale'35, 6 feet 4 inches, third; Duncan A. McNaughton, Southern California'33; Robert B. Pitkin, Columbia'34, and Stephen T. Woodbury, Dartmouth'34, 6 feet 2 inches, fourth. Also competed: John W. Adams, Bowdoin'35; Frederick Klemm, Penn'33; Robert M. Lindstrom, Dartmouth'34; Edward P. Moore, Yale'33; Lloyd P. Schween, Stanford'35; John F. Bacon, William and Mary'34; Julian S. Barrett, Yale'34; Daniel F. O'Shea, Penn State'34; Marvin A. Sayland, Penn State'34; Stephen K. Urner, Williams'33.

HAMMER THROW.

Peter E. Zaremba, N.Y.U.'34, 169 feet 4 inches, won; Donald E. Favor, Maine '34, 168 feet 9¼ inches, second; Victor T. Malin, Yale'34, 165 feet 6⅞ inches, third; Charles Moosliszewski, Rhode Island State'34, 165 feet 6⅞ inches, fourth; Henry Dryer, Rhode Island State'34, 163 feet 2⅞ inches, fifth. Also competed: Mortimer M. Reznick, N.Y.U.'33; Grant McDougal, Penn'33; Allan D. Converse, Yale'33; Hilman B. Holcombe, Yale'34; Alfred Kidder, Harvard'33; Robert H. Michelet, Dartmouth'34; Kendal I. Lingle, Princeton'33.



LAYOUT OF TRACK, USED FOR FIRST TIME, AT I.C.A.A.A. THIRTEENTH ANNUAL INDOOR CHAMPIONSHIPS, MARCH 5, 1934.

THIRTEENTH ANNUAL INDOOR CHAMPIONSHIP ATHLETIC MEETING.

The Thirteenth Annual Indoor Meeting was held at Madison Square Garden, New York, on Monday, March 5, 1934. The event was financially successful and undoubtedly spectacular. In many respects it has long been felt that this was the classic of the indoor meets and it has long been the general feeling that this meet belonged in Madison Square Garden. From the spectators' point of view there is no question of this, and it had not gone there in former years solely for the reason that it was felt that the larger arenas of the armories were more advantageous for the athletes themselves. The move was finally induced by necessity and now that it has been done, it is believed that a successful solution of the meet in the Garden can be made. It would be hard to overstate the difficulties attendant on inaugurating this meet at the Garden, where the constant holding of a great variety of entertainments forced the Association to build its own track and equip its meet under extreme pressure. Very probably there are as many views as people relative to the conduct of the meet, but on the whole the criticism of the track and the wisdom of going to the Garden has been favorable. The difficulties encountered were quite largely mechanical and with the improvement of these conditions and the possible change in the order of events and greater familiarity in the Garden it is believed that the meet next year will be not only quicker but smoother and more enjoyable to all. In any event, a great deal of thought is being put into the handling of next year's meet which undoubtedly will be fruitful.

The championship was won by Manhattan College with 28½ points, with New York University a close second with 24½ points. To accomplish this feat Manhattan took one first place, three second places, a tie for second, two thirds and a fourth. While always a dangerous contender they did not go into the lead until the finish of the 3,000 meters, in which they scored 8 points. In the two long distance races they scored 13 points. Yale was third with 20 points, principally through 12 points scored in the pole vault, in which they placed first, second and third. Cornell was fourth with 14 points. Eight of their points were in the hurdles, in which they placed three men. Columbia was fifth, with 11 points from first place in the dash and the 4x800 meters relay and a fifth place in the 4x400 meters relay.

A New Board Track Was Constructed.

The track, which had the unusual width of 27 feet, had been laid out with two courses, the inside course measuring 133 1/3 meters and the outside course 160 meters to the lap. The reason for the wide track was the necessity for having a fair course upon which the long distances and the freshman and 4x800 meters, events which are run in lanes, could be conducted without crowding. This wide track also permitted the first lap of all events except the long distances being run in staggered measured lanes for the first lap or until the runners were spread to a

reasonable extent so that competition on a narrower track would be fair. For this reason, after running the first lap on the whole wide track, the runners were shifted to the outside or 160 meters course and finished the race on this course. This was also true of the 1,500 meters. There were fears that this arrangement would create confusion, but no confusion followed and the method was generally considered satisfactory.

Records Broken in Field Events.

This year saw the first running of events under the international standard, or events measured in the standard metric distances, so that all performances in the track events will constitute the first records in the distances. In the field events, records were broken in four out of the five competitions. Keith S. Brown of Yale raised the Intercollegiate indoor standard over the 14-foot mark, setting a new height of 14 feet $\frac{7}{8}$ inch.

The record of longest standing to go was that of the high jump at 6 feet 4 $\frac{7}{8}$ inches made by Leroy Brown of Dartmouth in 1922, the first year of the Indoor Meet. George B. Spitz Jr. of New York University created a new mark of 6 feet 5 $\frac{3}{8}$ inches. During the indoor season he frequently had gone considerably over this height, but his competition also in the broad jump undoubtedly had an influence on his high jumping. In this event there was a tie for second between Stephen T. Woodbury of Dartmouth and William H. Eipel of Manhattan, both of whom cleared 6 feet 4 $\frac{5}{8}$ inches, or a quarter of an inch less than the previous record.

The next oldest record was that of 48 feet 8 inches for the shot, made by David Adelman of Georgetown in 1928. In this event William H. Niblock of Bowdoin on his third put did 49 feet 10 inches, or a foot and two inches further than the old mark.

The 35-lb. weight, which was held in the afternoon at the 102d Medical Regiment Armory, furnished a new record when Henry Dreyer of Rhode Island State made a magnificent heave of 55 feet 2 $\frac{1}{4}$ inches.

All of the records broken were not only intercollegiate records but collegiate ones as well. There were 271 competitors as against 251 last year, the greatest number since 1930.

Notes of the 1934 Indoor Meet.

The track race which stood out most prominently was the 1,500 meters. William R. Bonthron of Princeton and Gene Venzke of Pennsylvania already had met twice each race resulting the same, with Bonthron winning by a stride. Each ran his typical race, Venzke going out at a terrific pace and opening up a long lead, with Bonthron running his own pace and ignoring the leaders. At the end of the first lap Bonthron was eleventh out of fourteen, with Venzke leading. At the end of the second lap Bonthron had moved up to fifth, and so they stayed for the next two laps. By the end of the sixth lap Bonthron was in second position, Venzke still drawing away until he had opened up a gap of about twenty yards, with Paul K. Vipond of Cornell following Bonthron and Francis A. Crowley and John A. Thompson, both of Manhattan, following. At the eighth lap Bonthron was ten yards behind and with the last lap but three. Here he put on a sprint that raised the crowd to their feet and brought him home about eight feet ahead of Venzke, with Crowley, Thompson and Vipond following in order.

The new track was a feature that had never been seen in indoor competition. For the first time a track was built on engineering principles and not by rule of thumb. The banking was based on the computations of centrifugal force and

while no track on which races at different speeds must be run can be accurate for all, it is believed that this track formed the best compromise that has been seen. The judgment of close observers was that no one had any difficulty in holding their turns at whatever speed was used. On the curves the banks were higher than other tracks, but the height of these banks was to a great extent deceptive, for the reason that the straightaways themselves were banked and when the height of the straightaways was deducted from the end banking the elevation of the latter was in fact but little different from the tracks in former use.

Eastern competitors for the first time used curves that were based on railroad engineering principles; that is, the beginning of the curve was flatter or on a longer radius than the rest of the curve, and with the decrease of speed the radius was shorter until only at the top of the curve was it really uniform. The same treatment was given to the second half of the curve, so that a competitor could come into the straightaway more safely and more speedily. Observation of competition during the meet showed this to be a big advantage, particularly with the 200 meters relay of the freshman event, when unskilled youngsters were able to hold a sprint throughout the race without wavering and without leaving their course.

One of the spectacular elements of the meet was the method of taking out the higher part of the end sections of the new track to make a straightaway for the sprints and hurdles. These sections, 22 feet wide, were extremely heavy and were gotten out of the way by elevating them on cables attached to winches on the roof girders. The track sections—one at either end of the banked track, seemed to ascend very slowly, but as a matter of fact little time was lost because while they were on the way the adjoining sections of the track were being removed.

The field events in the armory suffered most from lack of space and there seems to be no way to avoid it. The 35-lb. weight competition saw some of the wildest throwing in its history. Several of the throws landed in an adjacent balcony and fouls were frequent. Dreyer made only two throws that were not fouls and Gloster B. Aaron of Yale, who took fifth place, made but one fair throw.

The 50 meters hurdle was won by Walter S. Merwin of Cornell, and saw the unusual performance of three men from the same college placing in a running event, Frank J. Irving getting fourth and John A. Bennett fifth. Charles O. Pessoni of Manhattan, on form previously displayed, had been looked upon as the probable winner. He was shut out of his semi-final.

In the 60 meters dash Samuel Maniaci of Columbia, who had been running exceptionally well during the season, won by one foot over Richard T. Bell of M.I.T., last year's winner and record holder.

The 4x400 meters relay was won by New York University after a stirring fight with Manhattan.

Boston College had an emphatic victory in the freshman medley relay.

The 4x800 meters relay was won rather easily by Columbia.

In connection with Garden meet and the attendant difficulties of the installation and operation of the new track, invaluable assistance was rendered by Colonel John Reed Kilpatrick, President of Madison Square Garden—a former Yale athlete himself—and his efficient and courteous staff.

60 METER DASH.

Heat 1—6.9s.(6.90s.). Richard T. Bell, M.I.T.'34, won; John Vandervoort, Pennsylvania'35, second; John H. Washburn, Amherst'34, third; Louis Tannassy, C.C.N.Y.'36, fourth; Charles Huntington, Columbia'35, fifth.

Heat 2—6.9s.(6.95s.). Thomas J. Gilligan, Holy Cross'35, won; Richard F. Hardy, Cornell'34, second; Robert E. Button, Dartmouth'36, third; Edmund M. Ingersoll, Yale'35, fourth; Melvin Joffey, C.C.N.Y.'34, fifth.

Heat 3—7s.(6.95s.). Arvell Fleming, Pittsburgh'36, won; John G. Kunitzky, N.Y.U.'35, second; Carl A. Pescosolido, Harvard'34, third; Joseph Dwyer, Fordham'36, fourth; Charles A. Freihofer, Pennsylvania'35, fifth.

Heat 4—7s.(6.99s.). Albert E. Maskrey, Pennsylvania'34, won; James Gallico, Fordham'35, second; Robert A. Spofford, Yale'34, third; William J. Soule, Bowdoin'36, fourth; Daniel Skudowitz, N.Y.U.'34, fifth.

Heat 5—6.9s.(6.90s.). Samuel W. Maniaci, Columbia'35, won; Jared L. Howland, Colgate'36, second; John D. Abbatemarco, N.Y.U.'34, third; Albert L. Valery, Manhattan'35, fourth; Richard F. Baldwin, Yale'35, fifth.

Heat 6—7s.(7.09s.). George W. Weinstein, N.Y.U.'34, won; J. Kingsley Lattimer, Columbia'35, second; Thomas G. Casey, Swarthmore'34, third; Smyser F. Nagle, Yale'34, fourth; Charles M. Bancroft, Haverford'34, fifth.

Heat 7—7s.(6.94s.). Arthur Jannell, Fordham'36, won; Fred S. Fuller, Colgate'36, second; Prescott Burlingame, Yale'36, third; Charles Siegal, N.Y.U.'36, fourth; John J. Carey, Manhattan'34, fifth.

Heat 8—6.9s.(7.02s.). Harry A. Spinney, Brown'35, won; Walter Z. Janiak, Holy Cross'36, second; Robert E. Linders, Cornell'36, third; Erskine E. Smith, Yale'35, fourth; Robert Phillipson, Syracuse'34, fifth.

Quarter-Final Heat 1—6.8s.(6.94s.). Richard T. Bell, M.I.T.'34, won; George W. Weinstein, N.Y.U.'34, second; Carl A. Pescosolido, Harvard'34, third; Robert E. Button, Dartmouth'36, fourth; Robert A. Spofford, Yale'34, fifth.

Quarter-Final Heat 2—6.9s.(6.96s.). Thomas J. Gilligan, Holy Cross'35, won; Arthur Jannell, Fordham'36, second; John Vandervoort, Pennsylvania'35, third; John H. Washburn, Amherst'34, fourth.

Quarter-Final Heat 3—6.8s.(6.88s.). Richard F. Hardy, Cornell'34, won; Albert E. Maskrey, Pennsylvania'34, second; James Gallico, Fordham'35, third; Jared L. Howland, Colgate'36, fourth; J. Kingsley Lattimer, Columbia'35, fifth.

Quarter-Final Heat 4—6.8s.(6.97s.). Arvell Fleming, Pittsburgh'36, won; Walter Z. Janiak, Holy Cross'36, second; Robert E. Linders, Cornell'36, third; John D. Abbatemarco, N.Y.U.'34, fourth; Thomas G. Casey, Swarthmore'34, fifth.

Quarter-Final Heat 5—6.8s.(6.85s.). Samuel W. Maniaci, Columbia'35, won; John G. Kunitzky, N.Y.U.'35, second; Harry A. Spinney, Brown'35, third; Westcott Burlingame, Yale'36, fourth; Fred S. Fuller, Colgate'36, fifth.

Semi-Final Heat 1—6.9s. Richard T. Bell, M.I.T.'34, won; Thomas J. Gilligan, Holy Cross'35, second; Arvell Fleming, Pittsburgh'36, third; John G. Kunitzky, N.Y.U.'35, fourth; Albert E. Maskrey, Pennsylvania'34, fifth.

Semi-Final Heat 2—6.8s.(6.84s.). Samuel W. Maniaci, Columbia'35, won; Richard F. Hardy, Cornell'34, second; Arthur Jannell, Fordham'36, third; George W. Weinstein, N.Y.U.'34, fourth; Walter Janiak, Holy Cross'36, fifth.

FINAL HEAT—6.8s.(6.79s.). Samuel W. Maniaci, Columbia'35, won; Richard T. Bell, M.I.T.'34, second, by 1 foot (6.83s.); Richard F. Hardy, Cornell'34, third, by 2¼ feet (6.87s.); Thomas J. Gilligan, Holy Cross'35, fourth, by ¾ feet (6.92s.); Arthur Jannell, Fordham'36, fifth, by 5 feet (6.97s.).

50 METERS HIGH HURDLES.

Heat 1—7.3s.(7.35s.). Charles O. Pessoni, Manhattan'35, won; Henry R. Withington, Harvard'35, second; John T. Smithies, Princeton'34, third; Harry A. Rinder, Cornell'35, fourth; Robert R. Keller, Dartmouth'36, fifth.

Heat 2—7.1s.(7.19s.). Richard C. Hayes, Harvard'36, won; Neal J. Holland Jr., Boston College'34, second; Philip G. Good, Bowdoin'36, third; Jacob N. Deutscher, Manhattan'36, fourth; Arthur A. Frank, Yale'36, fifth.

Heat 3—7.5s.(7.35s.). John J. Hayes, Harvard'34, won; George J. Willock, Princeton'35, second; Arthur E. Mielke, N.Y.U.'35, third; William L. Sim, Manhattan'34, fourth.

Heat 4—7.3s. John S. Fatseas, N.Y.U.'35, won; John A. Bennett, Cornell'34, second; Richard Zellner, Yale'36, third; Herbert Tutwiler, Princeton'35, fourth.

Heat 5—7.1s.(7.24s.). Irwin E. Jackson, Penn State'34, won; Walter S. Merwin, Cornell'35, second; Donald Crawford, Harvard'36, third; Charles F. Pfeifer, Pennsylvania'34, fourth; Robert B. Heinkel, Yale'34, fifth.

Heat 6—7.2s.(7.18s.). Frank J. Irving, Cornell'35, won; William C. Embry, Dartmouth'34, second; Charles E. Dunbar, Yale'35, third; John L. Condit, Pennsylvania'35, fourth; Genaro Roerager, N.Y.U.'35, fifth.

Heat for Fastest Third Men in Preliminary Heats—7.3s.(7.35s.). Philip G. Good, Bowdoin'36, won; David C. Crawford, Harvard'36, second; Charles E. Dunbar, Yale'35, third; John T. Smithies, Princeton'34, fourth.

Quarter-Final Heat 1—7.3s.(7.14s.). Irwin E. Jackson, Penn State'34, won; Charles O. Pessoni, Manhattan'35, second; John A. Bennett, Cornell'34, third; William C. Embry, Dartmouth'34, fourth; Henry R. Withington, Harvard'35, fifth.

Quarter-Final Heat 2—7.1s.(7.08s.). John S. Fatseas, N.Y.U.'35, won; Walter S. Merwin, Cornell'35, second; Richard C. Hayes, Harvard'35, third; Charles E. Dunbar, Yale'35, fourth; George J. Willock, Princeton'35, fifth.

Quarter-Final Heat 3—7.2s.(7.14s.). Frank J. Irving, Cornell'35, won; Neal J. Holland Jr., Boston College'34, second; John J. Hayes, Harvard'34, third; Philip G. Good, Bowdoin'36, fourth; David Crawford, Harvard'36, fifth.

Semi-Final Heat 1—7.2s.(7.21s.). John S. Fatseas, N.Y.U.'35, won; John A. Bennett, Cornell'34, second; Irwin E. Jackson, Penn State'34, third; Neal J. Holland Jr., Boston College'34, fourth; John J. Hayes, Harvard'34, fifth.

Semi-Final Heat 2—7.2s.(7.14s.). Richard C. Hayes, Harvard'36, won; Frank J. Irving, Cornell'35, second; Charles O. Pessoni, Manhattan'35, third; Walter S. Merwin, Cornell'35, fourth.

Special Heat for Fifth Man—7.10s. Walter S. Merwin, Cornell'35, won; Irwin E. Jackson, Penn State'34, second; Charles O. Pessoni, Manhattan'35, third; Neal J. Holland Jr., Boston College'34, fourth.

FINAL HEAT—7s.(7.11s.). Walter S. Merwin, Cornell'35, won; John S. Fatseas, N.Y.U.'35, second, by 8 inches (7.14s.); Richard C. Hayes, Harvard'36, third, by 1¼ feet (7.16s.); Frank J. Irving, Cornell'35, fourth, by ¾ feet (7.27s.); John A. Bennett, Cornell'34, fifth, by 4 feet (7.28s.).

1,500 METER RUN.

3m. 57.4s.(3m. 57.57s.). William R. Bonthron, Princeton'34, won; Gere G. Venzke, Pennsylvania'36, second, by 8 feet (3m. 57.96s.); Francis A. Crowley, Manhattan'34, third, by 31 yards; John A. Thompson, Manhattan'35, fourth, by 37 yards; Paul K. Vipond, Cornell'34, fifth, by 45 yards. Also competed: Kenneth C. Wagenhouser, Pittsburgh'35; William E. Tracey, Yale'34; Waldo E. Sweet, Amherst'34; Robert L. Quimby, Dartmouth'35; Lindsey R. Brigham, Dartmouth'36; Alfred B. Hallowell, Harvard'34; Morton M. Jenkins, M.I.T.'35; George C. Eiss, N.Y.U.'36; George W. Harvey, Penn State'35.

3,000 METER RUN.

8m. 54.8s.(8m. 54.75s.). Francis A. McKenna, Manhattan'34, won; Edwin C. Veysey, Colby'36, second, by 4 yards (8m. 55.39s.); Thomas G. Russell, Manhattan'35, third, by 8 yards (8m. 56.69s.); Bruce D. Kerr, Cornell'35, fourth, by 26 yards (8m. 58.93s.); Allen H. Minor, Yale'35, fifth, by 50 yards (9m. 02.46s.). Also competed: Kenneth C. Wagenhouser, Pittsburgh'35; Charles J. Juster, Rutgers'34; Marvin Stern, C.C.N.Y.'34; Ejler B. Jacobson, Columbia'35; Francis D. Whiting, Columbia'35; James H. Beardsley, Dartmouth'36; Robert S. Playfair, Harvard'36; Edward W. Kenney, Holy Cross'35; Morton M. Jenkins, M.I.T.'35; William O. Patton, N.Y.U.'35; Gene G. Venzke, Pennsylvania'36; George W. Harvey, Penn State'35; William D. Albright, Pittsburgh'35; Robert A. Hull, Princeton'36; Kenneth W. Yost, Princeton'35; Earl W. Bateman, Syracuse'34; Morris B. Canning, Yale'35; John W. Turley, Yale'34.

4 x 400 METERS RELAY.

Heat 1—3m. 25.5s.(3m. 25.13s.). Boston College won; Manhattan second; New York University third; Princeton fourth.

Heat 2—3m. 26.2s.(3m. 26.40s.). Columbia won; Pennsylvania second; Yale third; Holy Cross (Joseph F. Mulready'34, Alfred E. Morin'34, Joseph N. Murphy'36, Timothy E. Ring'35), fourth.

FINAL HEAT—3m. 22.2s.(3m. 22.29s.). New York University (Joseph F. Healey'34, Harold Lamb'34, Lester E. Williams'34, Harry Hoffman'34), won; Manhattan (John J. Seaman'34, William H. Morrissey'35, John J. Wolf'36, William J. Averill'35), second, by 1½ feet (3m. 22.35s.); Boston College (John E. McManus'34, William J. Parks'34, John E. Joyce'35, Dana A. Smith'34), third, by 7½ yards (3m. 23.17s.); Pennsylvania (Vaughn C. Mason'36, Paul Klinkowski'34, Robert E. Sawyer'36, John D. Reed'36), fourth, by 23 yards (3m. 24.61s.); Columbia (Cornelius G. Egan'34, Ralph Tuly'34, Edward L. Hawthorne'34, John D. Ford'35), fifth, by 26 yards (3m. 25.07s.).

4 x 800 METERS RELAY.

7m. 46.1s. (7m. 46.33s.). Columbia (Carl Jensen'35, John T. Grady'34, Kenneth A. Gilmore'35, William A. Patterson'35), won; Manhattan (Albert E. Morris'34, Francis A. Crowley'34, John A. Thompson'35; William J. Ray'36), second, by 8 yards (7m. 47.36s.); Harvard (John P. Scheu'35, Anthony A. Bliss'36, John M. Morse'34, John B. White'34), third, by 26 yards (7m. 49.87s.); Yale (Spelman Prentice'34, Maxwell J. Hamilton'34, John W. Turley'34, Karl D. Warner'34, fourth, by 31 yards (7m. 50.53s.); Fordham (Arthur Starrs'36, Jerome Calijone'36, Charles Deubel'35, John Mulvihill'34), fifth, by 60 yards (7m. 54.13s.). Also competed: Brown (John G. Firsching'35, Carl N. Mayhew'35, Richard W. Pearce'36, Frank G. Stiles Jr.'34); New York University (George C. Eiss'36, Irving G. Juliber'34, Edward D. Friedman'35, Edmund W. Burke'35); Princeton withdrew (Henry V. Hogan'36, Warren R. Ranier'34, John E. Furlong'36, William R. Bonthron'34); Syracuse (Louis A. Bunz'36, Robert L. Carr'35, Roy N. Smith'35, Benjamin H. Moses'34).

FRESHMAN MEDLEY RELAY (2,900 Meters—Class of 1937)

7m. 39.4s. Boston College (Robert F. Burrill, John J. Fleet, Donald W. McKee, Benedict T. Hines), won; Penn State (Thomas D. Crum, George Rosenberger, Frank Osterlund, Howard A. Downey), second; Cornell (James H. Hucker, John A. Meaden, Charles Neff, Wilbur H. Peters), third; Rutgers (Willard G. Allen, Walter S. Marsland, Kenneth C. Bradford, Phillips U. Smith), fourth; Syracuse (Thomas Lalor, Edward T. O'Brien, Angelo J. Trento, Ralph Battles), fifth; Manhattan (Vincent E. O'Connor, Valentine W. Riordan, Joseph F. Murphy, Matthew T. Carey), sixth. Also competed: Columbia (Edward E. Dalmasse, Richard R. McCormack, John E. Brooks, George W. Hoynes); New York University (Stanley Cohen, Emanuel Krosney, Richard Rosenberg, Howard Wittner); Pennsylvania (David S. Connor, Holger A. Engblom, H. A. Ruble, Edward J. Warwick).

SHOT PUT.

49 feet 10 inches—William H. Niblock, Bowdoin'35 (New Intercollegiate and Collegiate record), won; Eugene F. Leonard, Manhattan'35, 46 feet 1 inch, second; John H. Dean, Harvard'34 and Jules V. Finkelstein, New York University'35, 45 feet 8 inches, third; Abraham M. Scheuer, New York University'34, 45 feet 2½ inches, fifth. Also competed: Edward Shaftel, N.Y.U.'34; John H. Healey, Harvard'34; Michael Berman, Princeton'35; William C. McLaughlin, Cornell'36; Paul J. King, Pennsylvania'36; Donald T. Houpt, Cornell'36; Arthur F. Jackson, Yale'34; Alexander A. Forman, Yale'34; Alan A. Natanblut, N.Y.U.'34; David F. Ryan, Columbia'36; Robert A. Detweiler, Pennsylvania'35; Thomas R. Bassett, Princeton'34; Peter F. Lingua, Holy Cross'36; Wilho A. Winika, Rutgers'35; William G. Budington, Columbia'36.

RUNNING HIGH JUMP.

George B. Spitz Jr., New York University'34, 6 feet 5½ inches (Intercollegiate and Collegiate records), won; Stephen T. Woodbury, Dartmouth'34, and William H. Eipel, Manhattan'36, 6 feet 4½ inches, second; Emory L. Burton, Union'36, 6 feet 5½ inches, fourth; William E. Fackert, Princeton'36, 6 feet, fifth. Also competed: John W. Adams, Bowdoin'35; Welford Wilson, C.C.N.Y.'36; Grandin A. Godley, Cornell'36; Julian S. Barrett, Yale'34; Edward G. Ratkoski, Cornell'35; Herbert E. Sandreski, Cornell'34; Charles R. Scott, Cornell'36; Daniel F. O'Shea, Penn State'34; Marvin A. Sayland, Penn State'34; Louis P. Wenzell, Princeton'36; Saul R. Buc, Rutgers'35; Stanley Danzig, N.Y.U.

POLE VAULT.

Keith S. Brown, Yale'35, 14 feet 7/8 inch (New Intercollegiate and Collegiate Indoor Record), won; Wirt L. Thompson, Yale'34, 13 feet 9 inches, second; Frank E. Pierce, Yale'34, 13 feet 6 inches, third; George R. Brister, Dartmouth'36, and James E. McWilliams, Princeton'35, 13 feet, fourth. Also competed: Robert B. McNab, Cornell'36; Fred C. Sorenson, Cornell'35; Francis Schumann, Harvard'35; John D. Woodberry, Harvard'35; Eldon W. Stutzman, Syracuse'35; James A. Whitworth, Pennsylvania'35.

RUNNING BROAD JUMP.

Henry M. Little, William and Mary'35, 23 feet 9/4 inches, won; Stanley T. Johnson, M.I.T.'36, 23 feet 4 inches, second; George B. Spitz Jr., N.Y.U.'34, 22 feet 10 inches, third; Robert Philipson, Syracuse'34, 22 feet 9¾ inches, fourth; Charles H. Rose, Yale'35, 22 feet 3 inches, fifth. Also competed: Tom A. Ritzman, Yale'36; Arvell Fleming, Pittsburgh'36; Welford Wilson, C.C.N.Y.'36; Louis Tanassy, C.C.N.Y.'35; Walter Wrigley, M.I.T.'34; Robert R. Keller, Dartmouth'36; John D. Abbateamarco, N.Y.U.'34; William P. Stowe, Dartmouth'34; Henry S. Berkowitz, Cornell'35; Henry S. Godshall, Cornell'36; Paul W. S. Abt, Princeton'35; Elliott Charlop, N.Y.U.'34; John M. Morse, Harvard'34; Fred A. Noseworthy, N.Y.U.'36; Irwin E. Jackson, Penn State'34; Marvin A. Sayland, Penn State'34; Albert L. Valery, Manhattan'35; John W. Adams, Bowdoin'35; William M. Weaver, Princeton'34; Fred S. Tuller, Colgate'36; Charles Siegel, N.Y.U.'36; Roe B. McKenzie, Yale'34; John H. Washburn, Amherst'34.

35-LB. WEIGHT.

Henry Dreyer, Rhode Island State'35, 55 feet 2¼ inches (Intercollegiate and Collegiate record), won; Peter E. Zaremba, New York University'34, 51 feet 4 inches, second; Hillman B. Holcombe, Yale'34, 49 feet 11¼ inches, third; Charles Modlitzewski, Rhode Island State, 47 feet 6¼ inches, fourth; Gloster B. Aaron, Yale'34, 47 feet 5½ inches, fifth. Also competed: Arthur J. Loeb, Yale'36; Robert A. Reed, Cornell'35; Harry Cohen, New York University'35; Charles S. Strauss, Yale'35; John J. Healey, Harvard'34; Norman W. Cahners, Harvard'36; Arthur Goldberg, New York University'35; Robert A. Detweiler, Pennsylvania'35.

POINT SCORE—I.C.A.A.A.A. INDOOR MEET, 1934.

Member	60 Meters Dash	50 Meters Hurdles	1,500 Meters Run	3,000 Meters Run	4 x 400 Meters Relay	4 x 800 Meters Relay	Freshman Relay	Shot Put	High Jump	Pole Vault	Broad Jump	35-Lb. Weight	Total
Manhattan	5	8	..	4	..	4	3½	..	..	..	28½
New York University	..	4	..	..	5	..	..	3½	5	..	3	4	24½
Yale	1	..	2	..	..	..	12	1	4	20
Cornell	3	8	1	2	..	..	3rd	..	..	..	..	..	14
Columbia	5	..	..	..	1	5	..	..	..	..	..	..	11
Harvard	..	3	..	..	..	3	..	2½	..	..	..	..	8½
M.I.T.	4	..	..	..	..	..	..	..	..	..	4	..	8
Princeton	5	..	..	..	..	1	1½	..	..	..	7½
Rhode Island State	7
Pennsylvania	4	..	2	..	..	..	..	..	..	..	6
Bowdoin	5	..	..	..	..	5
Dartmouth	3½	1½	..	..	5
William and Mary	5	..	5
Colby	4	..	..	..	..	..	..	..	..	4
Boston College	3	..	1st	..	..	..	..	..	3
Fordham	1	..	..	..	..	1	..	..	..	..	..	..	2
Syracuse	5th	..	..	..	2	..	2
Union	2	..	..	..	..	2
Penn State	2nd	..	..	..	..	..	2
Rutgers	4th	..	..	..	..	..	..