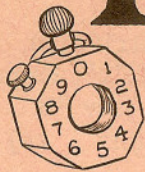


TRACK NEWSLETTER



also known as

TRACK NUTSLETTER

(OFFICIAL PUBLICATION OF TRACK NUTS OF THE WORLD, UNINC.)



Published by TRACK and FIELD NEWS • PO Box 296 • Los Altos, California • Bert and Cordner Nelson, Editors

Vol. 6, No. 24

July 27, 1960 Semi-Monthly
Edited by Hal Bateman

\$6 per year by first class mail

NEWS

NATIONAL DECATHLON CHAMPIONSHIPS: Eugene, Oregon, July 8-9: Johnson (SC Striders) (10.6, 24'9 $\frac{1}{4}$ ", 52', 5'10", 48.6, 14.5, 170'6", 13'1 $\frac{1}{4}$ ", 233'3", 5:09.9) 8,683 pts. (world record); Yang (Republic of China) (10.7, 25'5", 46'7 $\frac{3}{4}$ ", 5'6", 48.0, 14.1, 138'5 $\frac{1}{2}$ ", 13'10 $\frac{1}{2}$ ", 233'2 $\frac{1}{2}$ ", 5:09.3) 8,426 pts. (also betters recognized world record); Mulkey (Memphis T&FC) (11.2, 24'4", 49'9 $\frac{1}{2}$ ", 6'2 $\frac{3}{4}$ ", 51.9, 14.5, 133'2 $\frac{1}{2}$ ", 13'10 $\frac{1}{2}$ ", 191'7", 4:57.3) 7,852 pts.; Edstrom (Oregon) (10.8, 24'3", 49'6 $\frac{3}{4}$ ", 5'10", 49.6, 14.9, 144'11", 11'1 $\frac{1}{4}$ ", 213'1", 5:08.3) 7,530 pts.; Klein (Santa Barbara AC) (10.7, 23'9 $\frac{3}{4}$ ", 43'1 $\frac{1}{4}$ ", 5'10", 51.0, 15.3, 144'10 $\frac{1}{2}$ ", 11'7", 189'11", 4:44.7) 7,185 pts.; Herman (NYPC) (10.8, 26'3", 43'6 $\frac{3}{4}$ ", 6'2", 53.3, 14.6, 130'6", 11'11 $\frac{1}{4}$ ", 171'9", dnf) 7,092 pts.; Anderson (EEAA) (10.7, 25'9", 41'4 $\frac{1}{2}$ ", 5'10", 51.5, 15.0, 138'1 $\frac{1}{2}$ ", 11'5", 180'1 $\frac{1}{2}$ ", 5:27.1) 7,018 pts.; Waddell (Boston AC) 6,945 pts; McIntire (Emporia St) 6,921 pts; Freudenthal (SC Striders) 6,764 pts; P. Herman (una) 6,593 pts; Wotruba (una) 6,553 pts; Pauly (OSC Rooks) 6,494 pts; Ross (SCVYV) 6,189 pts; Gutowski (USMC) 6,070 pts; Carolan (Idaho) 6,062 pts; Kuhns (SC Striders) 6,036 pts.

WOMEN'S NATIONAL AAU, Corpus Christi, Texas, July 9: 100m, Rudolph (Tenn. St) 11.5. 200t, Rudolph 22.9 (world record); 400, Robertson (Spartan WC) 57.1 (American record); 800, Daniels (San Mateo, Calif) 2:17.5 (American citizen's record); 80H, Terry (Tenn. St) 11.4; BJ, White (Chicago) 19'1 $\frac{1}{2}$ "; Smith (Chicago) 19'1"; Terry 18'9". HJ, Josefson (Spartan AC) 5'5 $\frac{1}{4}$ "; Rogers (Tuskegee) 5'4". SP, Brown (una) 49'8 $\frac{1}{2}$ ". DT, Connolly (Spartan WC) 159'6 $\frac{3}{4}$ "; Brown 152'3 $\frac{1}{4}$ "; Kurrell (Laurel TC) 146'1 $\frac{1}{4}$ ". JT, Larney (Queens Mercuresses) 151'10 $\frac{3}{4}$ "; Mendyka (San Fernando Valley Club) 150'5 $\frac{3}{4}$ ". 400R, Tenn. St. A 46.1, 800R, Tenn. St. A 1:47.3.

WOMEN'S OLYMPIC TRIALS, Abilene, Texas, July 15-16: 100m, Rudolph (Tenn St) 11.5 (ties American record); Jones (Tenn St) 11.6; Hudson (Tenn St) 11.7; Williams (Tenn St) 11.7. 200, Rudolph 23.9; Williams 24.3; Pollards (Chicago) 24.5. 800, Daniels (San Mateo, Calif) 2:15.6 (American citizen record); Lovelace (Cleveland Recreation) 2:15.7; Severtson (Tacoma, Wash) 2:17.6. 80mH, Crowder (Tenn St) 11.4; Terry (Tenn St) 11.4; Robertson (Spartan WC) 11.4. BJ, White (Chicago) 20'4 $\frac{1}{2}$ " (American record); S. Smith (Chicago) 18'8"; A. Smith (Tenn St) 18'6". HJ, Rogers (Tuskegee) 5'4"; Brown (NYPAL) 5'2 $\frac{3}{4}$ ". SP, Brown (Spartan WC) 50'10 $\frac{1}{4}$ "; Shepherd (Mapleton, Oregon) 45'10". DT, Brown 176'10 $\frac{1}{2}$ " (American citizen's record); Connolly (Spartan WC) 172'4 $\frac{1}{2}$ "; Kurrell (Laurel TC) 158'8". JT, Oldham (San Diego T&FA) 163'5 $\frac{1}{2}$ " (American citizen's record); Scholler (Queens Mercuresses) 154'6 $\frac{1}{4}$ ".

STANFORD, CALIF., ALL-COMERS: July 9: Cobb (USN) 14.6; Cassell (Houston) 9.9, 21.3; Peake (SCVYV) 1:53.0; O'Riordan (Idaho St) 9:12.3 (2 miles); Balcomb (SCVYV) 14'; Jongewaard (SCVYV) 175'9" (HT); Daniels (SJS) 161'. July 16: Peake 4:14.9; Brown (SCVYV) 4:15.8n; Palmer (SJS) 9.7; Cassell 9.7n, 21.3; Nieder (USA) 64'2" (64'10" extra trial); Silvester (USA) 60'9 $\frac{1}{4}$ ", 184'5"; Lewis (Oxy) 55'1", 160'1"; Jongewaard 175'1 $\frac{1}{2}$ "; Kimmell (SJS) 14'6"; Mattos (SCVYV) 14'6"; Wyatt (SCVYV) 6'9". July 23: Brown (SCVYV) 4:12.7; O'Riordan 14:48.0 (5,000); Silvester 60'2", 184'8"; Jongewaard 180'1" (HT); Mattos 14'6"; Wyatt 6'8".

ORANGE COAST COLLEGE ALL-COMERS, Costa Mesa, Calif., July 9: Soth (Striders) 4:22.5, 14:35.7 (3 miles); Wilkinson (Redlands) 243'4"; Faust (Oxy) 6'6 $\frac{3}{4}$ ".

LOS ANGELES ALL-COMERS, July 15: Robertson (Striders) 4:21.1, 9:31.2; Seymour (Striders) 222'1 $\frac{1}{2}$ "; Faust (Oxy) 6'4"; Babka (Striders) 188'2"; Humphries (Striders) 55'8 $\frac{1}{4}$ ", 186'8"; Gordien (Striders) 183'6 $\frac{1}{2}$ ".

LONG BEACH STATE ALL-COMERS, Long Beach, Calif., July 16: Smith (Oxy) 9.7,

22.1; Soth (Striders) 4:17.4, 9:05.2; Dooley (Okla. St) 15'; Humphreys (Striders) 55'4"; Van Kirk (Striders) 23'7"; Ulrich (UCLA) 224'8". July 23: Soth 13:46.7 (3 miles); Robertson (Striders) 14:22.0n; Humphreys 55'9½", 178'1"; Dooley 15'1"; Ulrich 220'2"; A. Andrews (Striders) 48'6½".

LOS ANGELES ALL-COMERS, E. Los Angeles Stadium, July 22: Gordien (Striders) 187'10"; Humphreys (Striders) 54'8¾", 183'1" (190'8" extra trial); Just (Striders) 164'1"; Pagani (NYAC) 186'3½" (HT), 54'11½"; Women's DT, Olga Connolly 172'3½". Wilson Field, July 22: Wilson (Striders) 9.8, 21.5; Robertson (Striders) 9:18.4; Faust (Oxy) 6'4"; Morris (Striders) 14'6"; Seymour (Striders) 215'5".

CANADIAN CHAMPIONSHIPS AND OLYMPIC TRIALS, Saskatoon, July 15-16: 100m, Jerome 10.0 (ties world record); Eves 10.4; Short 10.4 (10.2w heat); Fisher-Smith 10.5 (10.4 heat). 200, Jerome 21.2. 400, Tobacco 46.8. 800, Ohleman 1:51.5; Leps; Mullins. 1500, Eales (Great Britain) 3:46.2; Irons 3:51.6; Kidd 3:53.5. 5,000, Eales 14:29.6. 10,000, Kyle 32:25.7; Dickson 32:29.6. HSJ, Smyth 47'4".

DUISBURG, GERMANY, July 10: Kinder 47.5; Lauer 14.9; Janz 52.3.

WORMS, GERMANY, July 9-10: Hary 10.7; Kaufmann 21.1; Schmidt 1:57.6.

FLENSBURG, GERMANY, July 9-10: Balke 1:51.2; Blatt 1:51.6n; von Valtier 3:47.4; Bohme 8:52.8; Riebensahm 6'7½"; Will 238'1½".

ROSTOCK, GERMANY, July 10: 100m, Foik (Poland) 10.7. 200, Foik 21.3. 400, Csutoras (Hungary) 47.3; Klimbt 47.5; Storm 47.5. 800, Matuschewski 1:52.7; Parsch (Hungary) 1:52.7; Makomaski (Poland) 1:52.8. 1500, Rozsavolgyi (Hungary) 3:41.1; Hermann 3:41.3; Grodotzki 3:41.6; Kovacs (Hungary) 3:43.2; Orywal (Poland) 3:43.5; Jochman (Poland) 3:45.5. 5,000, Krzyszkowiak (Poland) 13:51.8; Szabo (Hungary) 13:53.4; Zimny (Poland) 13:57.0; Honicke 13:58.8. PV, Preussger 14'9½". BJ, Kropidowski (Poland) 25'7½"; Grabowski (Poland) 25'¾". HSJ, Schmidt (Poland) 54'9½"; Malcherczyk (Poland) 52'. SP, Varju (Hungary) 60'4"; Sorsgornik (Poland) 59'10½"; Nagy (Hungary) 59'5¾". DT, Szescenyi (Hungary) 191'4½"; Piatkowski (Poland) 186'½"; Grieser 178'3½"; Begier (Poland) 178'3"; Kuhl 175'7½"; Klics (Hungary) 171'8½". HT, Zsivotzky (Hungary) 215'1½"; Csermak (Hungary) 210'8½". JT, Kruger 254'2½"; Kulcsar (Hungary) 252'5"; Ahrend 251'4½"; Radziwonowicz (Poland) 249'4½"; Sidlo (Poland) 248'10½". 3000SC, Doring 8:46.6; Dorner 8:49.4; Chromik (Poland) 8:51.8; Sztwiertna (Poland) 8:52.6; Hecker 8:56.8.

RUSSIAN CHAMPIONSHIPS, Moscow, July 15: 10,000, Bolotnikov 29:16.6; Desyatchikov 29:18.0; Zakharov 29:19.6; Yefimov 29:21.6; Zhukov 29:22.0. HJ, Bolshov 6'10½"; Shavlakadze 6'8¾"; Bulkin 6'8¾"; Khoroshilov 6'8¾". SP, Lipsnis 57'4½"; Sprenk 56'7½". July 16: 100m, Osolin 10.6; Bartenyev 10.7. 400, Grachev 47.5; Matsulevich 47.6. 1500, Marichev 3:46.9; Artinyuk 3:47.4; Momotkov 3:47.6. Marathon, Vorobyev 2:29:16; Runyanzev 2:29:59; Smihov 2:30:06. 110HH, A. Mikhailov 13.8; Berezutskiy 14.2; Batruk 14.3. BJ, Ter-Ovannesyan 25'7½"; Bondarenko 25'6½"; Chen 24'10½". HT, Rudenkov 220'10"; Samotsvetov 213'5"; Boltovskiy 210'2"; Nikulin 209'10½"; Bakarinov 207'3". July 17: 3000SC, Sokolov 8:36.4; Rzhishchin 8:36.6; Konov 8:37.0; Yevdokimov 8:38.0; Ryepin 8:42.4. PV, Krasovskis 15'3½" (European record); Bulatov 14'9½"; Garin 14'5½"; Chernobay 14'5½". JT, Paama 261'8½"; Tsibulenko 255'5½"; Sivoplyasov 251'11½". July 18: 200, Osolin 21.3; Bartenyev 21.3; Konovalov 21.4. 800, Savinkov 1:49.4; Bulishev 1:49.6; Krivosheyev 1:49.8. 5,000, Bolotnikov 13:55.8; Desyatchikov 13:56.8; Artinyuk 13:59.2; Yefimov 14:00.6; Zhukov 14:02.6. 400H, Ilin 51.7; Chevichalov 51.8; Matsulevich 52.0. HSJ, Kreer 53'10½"; Y. Mikhailov 53'3¾"; Ryakhovskiy 52'11½"; Goryayev 52'5½". DT, Baltusnikas 180'6½"; Kompaneyets 180'2"; Bukhantsev 179'9½". Decathlon, July 17-18: V. Kuznyetsov (10.9, 23'¾", 46'4¼", 6'¾", 50.4, 14.7, 149'7½", 12'1½", 222'2½", 4:45.2) 7,737 pts; Kutyenko 7,719 pts; Palu 7,598 pts.

BRITISH AAA CHAMPIONSHIPS, London, July 15: 6 Miles, Pirie 28:09.6; Hyman 28:10.6; Merriman 28:10.8; Eldon 28:19.8. HT, Ellis 210'10½". July 16: 100y, Radford 9.7; D. Jones 9.8. 220, D. Jones 21.3; Segal 21.5. 440, Milkha Singh (India) 46.5; Brightwell 47.0; Yardley 47.4; Wrighton 47.4; Jackson 47.6. 880, Farrell 1:49.3; Wenk 1:49.7; Hewson 1:49.7; Kilford 1:50.1; McCleane 1:50.9. Mile, Tabori (D.P. Hungary) 4:01.0; Wiggs 4:01.2; Jazy (France) 4:01.3 (French record); Taylor 4:02.3; Everett 4:02.8; Haith 4:02.8. 3 Mile, Salvat 13:33.0; Tulloh 13:37.4; Reed 13:38.8; Ibbotson 13:39.0; Eldon 13:39.4; Craig 13:45.8. 440H, Boyes 52.2; Metcalf 52.4. 3000SC, Shirley 8:51.0; Chapman 8:52.8; Palmer 8:53.2; Herriott 8:55.4. HJ, Kotei (Ghana) 6'9½"; Miller 6'8¾". SP, Rowe 59'2½"; Lindsay 57'4"; Lucking 55'10½". DT, Lindsay 172'7½". JT, Nawaz (Pakistan) 250'7½"; Lane 243'10"; Smith 233'6".

SCHWEINFURT, GERMANY, July 17: 10,000, Grodotzki 28:57.8; Honicke 29:08.6; Hoger 29:39.4; Buhl 30:12.8. Decathlon, July 16-17: Meier 7,165 pts; Bock 7,144 pts.

SWITZERLAND 157, HOLLAND 141, BELGIUM 136, Liege, July 17: Muller (S) 10.6; Visser (H) 10.9n, 25'2"; Weber (S) 47.6; Moens (B) 1:46.7; Waegli (S) 1:47.8n; Lambrecht (B) 1:48.8n; Allonsius (B) 14:10.6; Leenaert (B) 14:11.2n; Roelants (B) 8:50.2; Galliker (S) 52.0; Koch (H) 184'8½".

ITALY 111½, YUGOSLAVIA 96½, Sienne, July 9: Berruti (I) 10.4; Giannone (I) 10.6n; Bonmarito (I) 47.1; Rizzo (I) 3:46.5; Vacic (Y) 3:46.6n; Baraldi (I) 3:46.7n; Svava (I) 14.0; Lorger (Y) 14.2; Meconi (I) 55'8½"; Consolini (I) 176'3"; Italy 40.3. July 10: Berruti 20.7; Ingolic (Y) 1:50.0; tie, Vacic (Y) and Rizzo (I) 1:50.1n; Morale (I) 51.5; Martini (I) 51.8n; Hafner (Y) 8:56.4; C. Lievore (I) 257'1"; Italy 3:09.9.

CZECH CHAMPIONSHIPS, Brno, July 17-18: Mandlik 21.1; Trousil 47.4; Jurek 14:00.6; Brlica 8:53.4; Lansky 6'7½"; Netopilik 24'9½"; Skobla 54'7¾"; Nemeč 176'4".

POTSDAM, GERMANY, July 14: Valentin 2:18.3. July 19: Valentin 2:16.7 (world record).

JOHANNESBURG, SOUTH AFRICA, July 18: Jeffreys 10.1 (ties recognized world record).

WEST GERMAN CHAMPIONSHIPS, Berlin, July 22-24: 100m, Hary 10.2; Cullmann 10.5; Mahlendorf 10.5. 200, Hary 20.8; Germar 21.2; Wendelin 21.4. 400, Kaufmann 45.4 (European record); Kinder 45.8; Kaiser 46.4; Reske 46.5; Haas 47.1. 800, Schmidt 1:49.9; Balke 1:50.2; Klinkenberg 1:50.8. 1500, Schwarte 3:46.1; Blatt 3:46.4; Mengler 3:47.0. 5,000, Klee-felt 14:09.0; Flosbach 14:10.8. 3000SC, Laufer 8:51.8; Bohme 8:52.2. 110HH, Lauer 13.8; Shoctes 14.4. 400H, Janz 50.6; Mathias 51.4; Fischer 51.8. HJ, Pull 6'8¾"; Riebensahm 6'7½". BJ, Steinbach 26'8½"w (26'¼"); Molzberger 25'2"w; Deyerling 25'¾"w; Scharp 24'10"w. PV, Lehnertz 14'1¼". SP, Urbach 57'½". JT, Salomon 254'4½"; Rieder 248'5½".

EAST GERMAN CHAMPIONSHIPS, Leipzig, July 23-24: 100m, Schueler 10.5; Opitz 10.5; Grogorenz 10.5. 200, Opita 21.4. 400, Storm 46.9; Klimbt 47.0. 800, Matuschewski 1:47.7; Kruse 1:48.2; Petraschek 1:50.2. 1500, Valentin 3:40.9; Grodotzki 3:43.2; Herrmann 3:43.5. 5,000, Honicke 14:13.0. 3000SC, Doring 8:45.6; Dormer 8:51.4. BJ, Thierfelder 24'7½". PV, Preussger 14'5¼". JT, Kruger 247'11½".

FRENCH CHAMPIONSHIPS, Colombes, July 23-24: Bernard 13:55.6; Bogey 13:58.8n, 29:42.2; Idriss 6'10¼"; Fournier 6'9½"; Alard 173'5½"; Genevay 21.1; Piquemal 10.5, 21.3n; Lenoir 1:49.8; Guillermou 1:49.9n; Jazy 3:42.2; Vervoort 3:46.1n; Macquet 253'9"; Syrovatski 251'4½".

JAMAICAN CHAMPIONSHIPS, Kingston: Mal Spence 46.7; Kerr 46.8n.

SWITZERLAND 124, AUSTRIA 89, Zurich: Muller (S) 10.4; Klaban (A) 1:48.4; Waegli (S) 1:48.9n; Cegledi (A) 1:50.3n, 3:49.6; Galliker 51.5; Switzerland 41.0, 3:10.3.

CZECHOSLOVAKIA 107, SWEDEN 105, Stockholm: Mandlik (C) 21.3; Waern (S) 3:46.2; Trollas (S) 52.2; Tjernebo (S) 8:46.2; Brlica (C) 8:51.0n; Zhanal (C) 8:51.4n; Tedenby (S) 8:53.0n; Pettersson (S) 6'9¾"; A. Nilsson (S) 6'8¾"; Skobla (C) 58'7½".

MISC. FINNISH RESULTS, Kannus, July 10: Salminen 6'7½"; Valkama 25'1½". Kauha-joki, July 10: Repo 181'6½". Kouvola, July 11: Salonen 3:47.9; Karvonen 8:47.6; Virtanen 8:55.4; Mattsson 8:56.8; Kuisma 242'9". Helsinki, July 13: Salonen 3:46.1; Hamarsland (Norway) 3:46.3; Jochman (Poland) 3:46.4; Salsola 3:47.5; Salminen 6'7½"; Repo 182'7½"; Piatkowski (Poland) 180'10½"; Lindroos 176'9½"; Sidlo (Poland) 240'7½". Turku, July 22: Moens (Belgium) 2:20.5; Waern (Sweden) 2:21.0n; Salonen 2:21.2n; Vuorisalo 2:21.6n.

OSLO, NORWAY, July 19: Bunaes 10.5; Moens (Belgium) 1:48.5; Hamarsland 1:50.2n; Allonsius (Belgium) 14:05.8; Roelants (Belgium) 8:45.8; Danielsen 246'11½".

ENGLISH RESULTS, London: Radford 9.7, 21.5; Wood 4:05.3; Eldon 13:37.4 (3 miles); Kotei (Ghana) 6'7¾"; Rowe 59'4½". Hull: Tabori (D.P. Hungary) 4:03.9; Ibbotson 4:05.9n.

EASTERN AAU CHAMPIONSHIPS, Baltimore, July 23: Evans (NYAC) 1:52.8; Martin (Morgan St) 1:52.9n; Moran (NYAC) 4:09.3; Johnson (Del. Valley) 6'7½"; I. Davis (Phila. Pioneers) 24'9", 51'2"; Moore (Cross City Club) 24'; Bragg (Del. Valley) 14'6"; Johnston (USA) 14'; Nieder (USA) 63'6½" (64'2½" extra trial); Kiwitt (NYPC) 232'11½"; Bagdonas (NYAC) 200'3" (HT) (Hall fifth at 189'6½").

BULLETIN BOARD

Next Newsletters Aug. 10, 24. Track & Field News mailed August 18.

This is it -- the last issue of Track Newsletter Vol. 6. If you haven't renewed you will receive no more issues. And you will miss the full results from the pre-Olympic meets, the Olympic results and all the great features. Why delay and be sorry. \$6 per year U.S. first class mail and foreign third class. \$7 per year U.S. air mail. \$9 per year European air mail. A new series, "The Greatest Mile Runners," begins in this issue. "The Fastest Humans on Boards" series is concluded in this issue while part 12 of "10 Years of Track & Field" is presented.

1960 WORLD LIST

(Presented below is a list of the top 10 performances in each event throughout the world in 1960. The list includes marks made up to July 22).

100 METERS: 10.0, Armin Hary (Germany); 10.0, Harry Jerome (Canada); 10.1, Charlie Tidwell (USA); 10.1, Edward Jeffreys (South Africa); 10.2, Bobby Morrow (USA); 10.2n, Dave Styron (USA); 10.2n, Dave Sime (USA); 10.2, Bill Woodhouse (USA); 10.2, Dave James (USA); 10.2n, Jim Weaver (USA); 10.2, Livio Berruti (Italy); 10.2, Manfred Germar (Germany); 10.2, Paul Winder (USA); 10.2, Leonid Bartenyev (USSR); 10.2, Abdou Seye (France).

200 METERS (turn): 20.4*, Peter Radford (Great Britain); 20.5, Stone Johnson (USA); 20.5, Ray Norton (USA); 20.6, Santiago Plaza (Mexico); 20.7, Milkha Singh (India); 20.7, Berruti; 20.7, Seye; 20.8, Jeffreys; 20.8n, Sime; 20.8, Tidwell; 20.8n, Winder; 20.8, Tom Robinson (Bahamas); 20.8*, Earl Young (USA); 20.8, Morrow; 20.8, Ted Woods (USA). (*= 220 time less 0.1 second).

400 METERS: 45.6*, Mal Spence (South Africa); 45.7, Carl Kaufmann (Germany); 45.7, Woods; 45.8, Otis Davis (USA); 45.8*, George Kerr (BWI); 45.8n*, Gordon Day (South Africa); 45.9*, Ollan Cassell (USA); 45.9n*, Young; 46.0n*, Vic Hall (USA); 46.0n, Milkha Singh; 46.0, Jack Yerman (USA); 46.0n*, Mike Larrabee (USA). (*= 440 time less 0.3 sec.)

800 METERS: 1:46.4, Kerr; 1:46.5, Paul Schmidt (Germany); 1:46.6*, Ernie Cunniffe (USA); 1:46.7, Tom Murphy (USA); 1:46.7, Roger Moens (Belgium); 1:46.8n, Jerry Siebert (USA); 1:47.1*, Tony Blue (Australia); 1:47.3n, Christian Wagli (Switzerland); 1:47.5n, Jim Dupree (USA); 1:47.8n, Lew Merriman (USA); 1:47.8n, Jim Stack (USA). (*= 880 time less 0.7 second).

1500 METERS: 3:40.4, Istvan Rozsavolgyi (Hungary); 3:40.5, Zoltan Vamos (Romania); 3:41.3n, Siegfried Hermann (Germany); 3:41.4, Moens; 3:41.6n, Hans Grodotzki (Germany); 3:41.8n, Lajos Kovacs (Hungary); 3:41.8n, Peter Parsch (Hungary); 3:42.0n, Michel Bernard (France); 3:42.3*, Herb Elliott (Australia); 3:42.6n, Michel Jazy (France). (*= made during one-mile race).

5,000 METERS: 13:49.2, Grodotzki; 13:51.6, Zdzislaw Krzyszkowiak (Poland); 13:51.7, Jim Beatty (USA); 13:53.2n, Laszlo Tabori (D.P., Hungary); 13:53.4n, Miklos Szabo (Hungary); 13:53.6n, Pyotr Bolotnikov (USSR); 13:55.4n, Kazimierz Zimny (Poland); 13:55.4, Murray Halberg (New Zealand); 13:55.8, Aleksandr Artinyuk (USSR); 13:56.8n, Aleksey Desyatchikov (USSR).

10,000 METERS: 28:48.0, Halberg; 28:57.8, Grodotzki; 28:58.0, Artinyuk; 28:58.0n, Bolotnikov; 29:00.0, Desyatchikov; 29:03.4n, Jozsef Kovacs (Hungary); 29:03.8n, Yevgeniy Zhukov (USSR); 29:08.6n, Gerhard Honicke (Germany); 29:13.4n, Boris Yefimov (USSR); 29:19.0, Xaver Hoger (Germany); 29:19.6n, Yuriy Zakharov (USSR).

3,000 METER STEEPLECHASE: 8:31.4, Krzyszkowiak; 8:32.4n, Nikolay Sokolov (USSR); 8:34.0, Hermann Buhl (Germany); 8:36.6n, Semyon Rzhishchin (USSR); 8:37.0n, Aleksey Konov (USSR); 8:38.0n, Vladimir Yevdokimov (USSR); 8:40.6, Attila Simon (Hungary); 8:43.4, Bohumir Zhanal (Czechoslovakia); 8:45.8n, Georgios Papavasiliou (Greece); 8:46.6, Fred Doring (Germany).

110 METER HIGH HURDLES: 13.4, Lee Calhoun (USA); 13.5n, Willie May (USA); 13.5n, Hayes Jones (USA); 13.7, Anatoliy Mikhailov (USSR); 13.7, Chuck Cobb (USA); 13.7, Martin Lauer (Germany); 13.8y, Dave Edstrom (USA); 13.8n, Don Styron (USA); 13.8n, Ray Cunningham (USA); 13.9y, C.K. Yang (Republic of China); 13.9n, Jim Ball (USA); 13.9y, Dave Odogard (USA); 13.9y, Carl Brown (USA); 13.9, Stanko Lorgjer (Yugoslavia); 13.9, Jim Johnson (USA); 13.9y, Walt Arlt (USA).

400-METER HURDLES: 49.0*, Gert Potgieter (South Africa); 49.5, Glenn Davis (USA); 49.8n, Dick Howard (USA); 49.8n*, Don Styron; 49.9n, Cliff Cushman (USA); 49.9n, Eddie Southern (USA); 50.2n, Josh Culbreath (USA); 50.6, Helmut Janz (Germany); 50.6n, Rex Cawley (USA); 50.9, Salvatore Morale (Italy). (*=440 time less 0.3 second).

BROAD JUMP: 26'4 $\frac{1}{4}$ ", Ralph Boston (USA); 26'3", Mike Herman (USA); 26'2", Henk Visser (Holland); 25'9 $\frac{3}{4}$ ", Igor Ter-Ovanesyan (USSR); 25'9 $\frac{1}{2}$ ", Manfred Steinbach (Germany); 25'9 $\frac{1}{4}$ ", Anthony Watson (USA); 25'9", Steve Anderson (USA); 25'7 $\frac{1}{2}$ ", Kazimierz Kropidowski (Poland); 25'6 $\frac{1}{4}$ ", Dmitriy Bondarenko (USSR); 25'5 $\frac{3}{4}$ ", Greg Bell (USA).

HOP-STEP-JUMP: 54'9", Jozef Schmidt (Poland); 53'11", Vladimir Goryayev (USSR); 53'10 $\frac{1}{2}$ ", Vitold Kreer (USSR); 53'9 $\frac{1}{4}$ ", Yevgeniy Mikhailov (USSR); 53'4 $\frac{1}{4}$ ", Ira Davis (USA);

52'11 $\frac{1}{2}$ " , Keith Baguley (Australia); 52'11 $\frac{1}{4}$ " , Olyeg Ryakhovskiy (USSR); 52'10 $\frac{1}{4}$ " , Kent Floerke (USA); 52'7" , Ian Tomlinson (Australia); 52'6" , Ryszard Malcherczyk (Poland).

HIGH JUMP: 7'3 $\frac{3}{4}$ " , John Thomas (USA); 7'3 $\frac{3}{4}$ " , Viktor Bolshov (USSR); 7'1 $\frac{1}{4}$ " , Charles Dumas (USA); 7' , Joe Faust (USA); 6'11" , Robert Shavlakadze (USSR); 6'11" , Henry Wyborney (USA); 6'11" , Ed Costa (USA); 6'10 $\frac{1}{2}$ " , Bob Gardner (USA); 6'10 $\frac{1}{4}$ " , Stig Pettersson (Sweden); 6'10 $\frac{1}{4}$ " , Norm Grundy (USA).

POLE VAULT: 15'9 $\frac{3}{4}$ " , J.D. Martin (USA); 15'9 $\frac{1}{4}$ " , Don Bragg (USA); 15'5 $\frac{1}{4}$ " , Ron Morris (USA); 15'4" , Jim Graham (USA); 15'3 $\frac{1}{2}$ " , Bob Gutowski (USA); 15'3 $\frac{1}{8}$ " , Janis Krasovskis (USSR); 15'3" , Dave Clark (USA); 15'3" , Henry Wadsworth (USA); 15'2 $\frac{1}{4}$ " , Aubrey Dooley (USA); 15'1" , Manfred Preussger (Germany).

SHOT PUT: 65'7" , Bill Nieder (USA); 64'6 $\frac{1}{2}$ " , Dallas Long (USA); 63'5" , Parry O'Brien (USA); 62'8 $\frac{1}{2}$ " , Dave Davis (USA); 60'11" , Art Rowe (Great Britain); 60'10 $\frac{3}{4}$ " , Vilmos Varju (Hungary); 60'9 $\frac{3}{4}$ " , Jay Silvester (USA); 60'8" , Viktors Lipsnis (USSR); 60'4 $\frac{3}{4}$ " , Silvano Meconi (Italy); 60'1 $\frac{1}{4}$ " , Szigmond Nagy (Hungary).

DISCUS THROW: 194'1 $\frac{1}{2}$ " , Al Oerter (USA); 193'4 $\frac{1}{2}$ " , Jozsef Szecsenyi (Hungary); 192'3 $\frac{1}{2}$ " , Rink Babka (USA); 190'6 $\frac{1}{2}$ " , Jim Wade (USA); 188'10" , Dick Cochran (USA); 188'8 $\frac{1}{2}$ " , Silvester; 187'4 $\frac{1}{2}$ " , Bob Humphreys (USA); 187'1 $\frac{1}{2}$ " , Edmund Piatkowski (Poland); 186'7" , Jack Ellis (USA); 185'5" , Fortune Gordien (USA); 185'5" , Viktor Kompanyets (USSR).

HAMMER THROW: 224'8 $\frac{1}{2}$ " , Hal Connolly (USA); 223'9 $\frac{1}{2}$ " , Gyula Zsivotzky (Hungary); 222'10" , Vasiliy Rudenkov (USSR); 218'3" , Aleksey Boltovskiy (USSR); 216'3" , Yuriy Nikulin (USSR); 216'1 $\frac{1}{2}$ " , Anatoliy Samotsvetov (USSR); 215'4" , Olyeg Kolodiy (USSR); 214'7" , Al Hall (USA); 213'11" , Zvonko Bezjak (Yugoslavia); 213'10 $\frac{1}{2}$ " , Yuriy Bakarinov (USSR).

JAVELIN THROW: 283'8" , Bill Alley (USA); 277'7" , Al Cantello (USA); 266'2 $\frac{1}{2}$ " , Carlo Lievore (Italy); 265'8" , Janusz Sidlo (Poland); 264'4" , Michel Macquet (France); 263'11" , Viktor Tsibulenko (USSR); 261'8 $\frac{1}{2}$ " , Mart Paama (USSR); 260'10" , Egil Danielsen (Norway); 260'4 $\frac{1}{2}$ " , Gary Stenlund (USA); 260'2" , Gergely Kulcsar (Hungary).

STATS

Evolution of the world javelin record:

| | | | | | |
|------------------------|-----------------------|------|-----------------------|----------------------|------|
| 204'5 $\frac{1}{2}$ " | E. V. Lemming, Sweden | 1912 | 249'8" | M. Jarvinen, Finland | 1933 |
| 216'10 $\frac{3}{8}$ " | J. Myyra, Finland | 1919 | 251'6" | M. Jarvinen, Finland | 1934 |
| 218'6 $\frac{7}{8}$ " | G. Lindstrom, Sweden | 1924 | 253'4 $\frac{1}{2}$ " | M. Jarvinen, Finland | 1936 |
| 229'3 $\frac{1}{8}$ " | E. Penttila, Finland | 1927 | 255'5 $\frac{3}{4}$ " | Y. Nikkanen, Finland | 1938 |
| 232'11 $\frac{5}{8}$ " | E. Lundqvist, Sweden | 1928 | 258'2" | Y. Nikkanen, Finland | 1938 |
| 234'9 $\frac{3}{4}$ " | M. Jarvinen, Finland | 1930 | 263'10" | Bud Held, USA | 1953 |
| 235'2 $\frac{7}{8}$ " | M. Jarvinen, Finland | 1930 | 268'2 $\frac{1}{2}$ " | Bud Held, USA | 1955 |
| 235'9 $\frac{7}{8}$ " | M. Jarvinen, Finland | 1930 | 274'1 $\frac{1}{2}$ " | S. Nikkinen, Finland | 1956 |
| 239'3 $\frac{1}{4}$ " | M. Jarvinen, Finland | 1930 | 274'5 $\frac{1}{2}$ " | Janusz Sidlo, Poland | 1956 |
| 242'10 $\frac{1}{4}$ " | M. Jarvinen, Finland | 1932 | 281'2" | E. Danielsen, Norway | 1956 |
| 243'8 $\frac{3}{8}$ " | M. Jarvinen, Finland | 1933 | 282'3 $\frac{1}{2}$ " | Al Cantello, USA | 1959 |
| 244'9 $\frac{3}{8}$ " | M. Jarvinen, Finland | 1933 | 283'8" | Bill Alley, USA | 1960 |

Evolution of the world 1,000 meters record:

| | | | | | |
|--------|------------------------|------|--------|-------------------------|------|
| 2:32.3 | G. Mickler, Germany | 1913 | 2:21.2 | S. Jungwirth, Czech. | 1952 |
| 2:29.1 | A. Bolin, Sweden | 1918 | 2:20.8 | Mal Whitfield, USA | 1953 |
| 2:28.6 | S. Lundgren, Sweden | 1922 | 2:20.4 | Audun Boysen, Norway | 1953 |
| 2:26.8 | Sera Martin, France | 1926 | 2:19.5 | Audun Boysen, Norway | 1954 |
| 2:25.8 | O. Peltzer, Germany | 1927 | 2:19.0 | Audun Boysen, Norway | 1955 |
| 2:23.6 | J. Ladoumeque, France | 1930 | 2:19.0 | I. Rozsavolgyi, Hungary | 1955 |
| 2:21.5 | Rudolf Harbig, Germany | 1941 | 2:18.1 | Dan Waern, Sweden | 1958 |
| 2:21.4 | O. Gustafssen, Sweden | 1946 | 2:18.0 | Dan Waern, Sweden | 1959 |
| 2:21.4 | M. Hansenne, France | 1948 | 2:17.8 | Dan Waern, Sweden | 1959 |
| 2:21.3 | Olle Aberg, Sweden | 1952 | 2:16.7 | S. Valentin, Germany | 1960 |

10 YEARS OF TRACK AND FIELD

Part XII - The Pole Vault

By Humphrey J. Long

World Record:

1950

15'7 $\frac{3}{4}$ "

1960

15'8 $\frac{1}{4}$ "

In a short, but brilliant career, Cornelius "Dutch" Warmerdam completely revolutionized the pole vault, becoming the first man to attain 15 feet and setting an all-time high of 15'7 $\frac{3}{4}$ " in 1942. The war cut short his meteoric career and progress in the event after the end of the war was slow.

Guinn Smith of the United States took the 1948 Olympic title at a mere 14'1 $\frac{1}{4}$ " with promising Bob Richards in third place. Richards came within a half inch of the magical 15 feet in 1950 -- a year which saw a noticeable increase in the depth of vaulting performances. At Brussels Sweden's Ragnar Lundberg won the European title at 14'1 $\frac{1}{4}$ " two weeks after setting a new continental best of 14'4 $\frac{1}{4}$ ". The following year the overall improvement continued with three men bettering 15 feet. The first, surprisingly, was Nebraskan Don Cooper, who cleared 15'1 $\frac{1}{4}$ " at the Kansas Relays for a new collegiate record. However, this mark was short-lived because about two hours later in Los Angeles another college student, Don Laz, lifted himself over 15'1 $\frac{3}{4}$ ". But it was Richards who took the season's honors with an unbeaten record including two 15-foot clearances.

The vaulting vicar was a clear favorite in the 1952 Olympics at Helsinki and so it surprised no one when he won with a meet record 14'11 $\frac{1}{8}$ " from Laz and Lundberg. The Olympic champ was the year's only 15-footer but Lundberg raised the European record to 14'6 $\frac{3}{4}$ " on August 1. In the 1953 indoor session, Richards cleared 15 feet in 13 straight meets as the prelude to another unbeaten outdoor season. A Russian, Pyotr Denisenko, equalled the European standard of 14'6 $\frac{3}{4}$ " to signal Russia's improvement in yet another technical event. Denisenko improved to 14'7 $\frac{1}{2}$ " the following year in winning the Russian national title but the Russian vaulters flopped badly in the European Championships. At Bern, the new champion was Eeles Landstrom of Finland who defeated Lundberg at 14'5 $\frac{1}{4}$ ". Richards, consistent as ever, won the AAU title with a 15'3 $\frac{1}{2}$ " effort and with Laz dominated the U.S. scene.

After pushing his indoor best up to 15'5" early in 1955, Richards travelled to Mexico City to take the Pan American Games title at 14'9 $\frac{1}{8}$ " with Bobby Smith and Laz making it a clean sweep for the U.S. The preacher, as usual, continued his good form throughout the year, winning the AAU title at a level 15 feet. But the best competition of the year was for the NCAA gold medal. Don Bragg became the fifth man to clear 15 feet in beating a class field including Bob Gutowski, Ron Morris and Walt Levack. Bragg's 15'1" was a meet record. European vaulting also continued to improve, led by Landstrom who raised the old continent's record first to 14'7 $\frac{3}{4}$ " in July and then to 14'9 $\frac{1}{8}$ " a month later.

The highlight of the 1956 indoor season was a series of duels between Richards and Bragg. Richards won all of their meetings but Bragg became the second highest vaulter of all time with a 15'5 $\frac{1}{4}$ " clearance in New York while Richards was unable to compete because of injury. Still indoors, another man, Jerry Welbourn, topped 15 feet and succeeded in defeating Richards twice in the bargain. Moving into the open air in February Gutowski vaulted 15'1 $\frac{1}{4}$ " to set the pace to be followed by Richards, Bragg and others eager for places on the Olympic team. Bragg, who was injured, missed the NCAA meet, which ended in a tie between Gutowski and Jim Graham at 14'8". In the AAU a record 14 cleared 14 feet but only Richards went over 15 feet for his seventh national title. Bragg, although troubled by a thigh injury, took second place. There was high drama in the Olympic Trials when Bragg went out at 14'8 $\frac{1}{2}$ " while seven others cleared that height. Richards and 1952 Olympian George Mattos made 14'10 $\frac{1}{2}$ " with all the others failing. Graham made the team on the fewer misses rule. Overseas Landstrom improved the European record to 14'9 $\frac{1}{2}$ " with several other Europeans pushing him hard across the continent.

Back in the states in a pre-Olympic meet both Richards and Gutowski cleared 15'5" and the latter won a place on the U.S. Olympic team when Graham relinquished his spot because of an ankle injury. At Melbourne in shocking wind conditions Richards repeated as Olympic champion with a record 14'11 $\frac{1}{2}$ ". Gutowski took the silver medal with 14'10 $\frac{1}{4}$ " and George Roubanis, an American-trained Greek, was third at 14'9".

In the 1957 indoor season Richards and Gutowski tied in the Millrose meet at a roof-scraping 15'6" but the 22-year-old Californian beat this and the 15-year-old world record on

April 27 at Stanford, Calif., with a 15'8 $\frac{1}{4}$ " vault. The new record holder had a great unbeaten season, culminating in a 15'9 $\frac{3}{4}$ " clearance at the NCAA meet in June at Austin, Texas. Unfortunately, an official caught his pole just after he had released it so no record was allowed under international rules. The other Bob -- veteran Richards -- took the National AAU title for the ninth time while a new high school record of 15'8 $\frac{1}{8}$ " was set by 18-year-old Jim Brewer from Phoenix, Arizona. Roubanis, home from his college studies, pushed the European best up to 14'11 $\frac{1}{4}$ " in Athens and Russians Vladimir Bulatov (14'9 $\frac{1}{4}$ ") and Vitaliy Chernobay (14'10") raised the Soviet record to respectable heights.

Gutowski continued his supremacy in 1958 as Bob Richards, at last, retired. There was no improvement in the world record but the former Occidental student went through the year unbeaten and missed the AAU meet because of injury. The AAU honors went to Morris, who vaulted 14'9". Early season highlights were Europe's first 15-foot vault by Roubanis in Los Angeles and the raising of Asia's 21-year-old record to 14'5 $\frac{1}{4}$ " by Red China's Tsai Yi-shu. Returning to Europe, Roubanis raised his best to 15'1 $\frac{1}{4}$ " at Munich in July while close on his heels Landstrom cleared 15 feet in Helsinki and Germany's Manfred Preussger did 14'11 $\frac{1}{2}$ ". At the European Championships the competition lasted 7 $\frac{1}{2}$ hours and when it ended three men were separated only by the fewer misses rule at 14'9 $\frac{1}{4}$ ". Landstrom again collected the gold medal with Preussger and Russia's Vladimir Bulatov tied for second. The shock of the competition was the failure of Roubanis to do no better than 13'5 $\frac{1}{4}$ ".

Don Bragg was unspectacular in 1958 but that changed in 1959 when he set a world indoor record of 15'9 $\frac{1}{2}$ ", erasing Warmerdam's 16-year-old record from the books. In 11 indoor meets Bragg topped 15 feet, great vaulting by any standard. He continued his fine form through 1959, a year which saw 12 men clear the once magic 15 feet. U.S. athletes, as usual, led the field with Graham and Aubrey Dooley clearing 15'5" while J.D. Martin and Gutowski vaulted 15' ". Elsewhere, the Asian record was raised to 14'7 $\frac{1}{4}$ " by Tsai Yi-shu and the European record to 15'2" by Bulatov. The Chinaman later in the year improved still further to 14'9 $\frac{1}{4}$ ". The big U.S. championship meets saw Graham take the NCAA title at 15'2" and Bragg the AAU at 15'3" with three others including Graham clearing the same height. Against Russia, Bragg won at 15'2 $\frac{3}{4}$ " but Bulatov equalled this height to again improve the European mark. Later in Chicago Bragg took the Pan American Games title and certainly on present form is the man to beat at Rome.

THE FASTEST HUMANS ON BOARDS

Part 12 of a Series

By Wally Donovan

The leadoff leg on the United States record-breaking 400 meter relay team at the 1956 Olympic Games was impressively raced by a diminutive ball of fire named Ira Murchison. The 5'4", 145-pound Murchison made his indoor debut in 1957 by beating Dave Sime in a 50 at the Philadelphia Inquirer Games. The next night he swept the Washington Star sprint series, again beating Sime. In the 50 at the Boston AA meet Murchison whipped Ken Kave, Willie Williams and George Sydnor.

Little Ira made his debut in Madison Square Garden at the golden anniversary meet of the famed Millrose Games. After the heats, Murchison lined up in the first semi against Williams, Herb Carper and Mel Barnwell. Murchison got his usual bullet start and streaked to a fast win over Barnwell to tie the 6.1 indoor record. In the final Murchison never looked better as he beat Kave and Sydnor.

Murchison didn't run in the New York A.C. 60, which went to Williams. Sydnor was leading up to the last 10 yards but pulled a muscle and just did manage to hold second over Kave. Murchison again tied the 6.1 indoor record by defeating Ira Davis of LaSalle and Kave in a semi-final at the AAU meet. He became the first midwesterner since Ralph Metcalfe to win the indoor AAU sprint, as he beat Davis and Jim Caffey of the University of Chicago Track Club. The IC4A 60 was won by Sime while Barnwell, a Pittsburgh freshman and a one-time Brooklyn schoolboy star, was the winner in the New York Knights of Columbus 60. Murchison won the sprint races in Cleveland, Chicago and Milwaukee to finish the season undefeated.

Sime got the 1958 season off to a fast start by defeating Murchison in the 80-yard dash at the Washington Star meet. Sime also beat Ira in the 100 but Murchison topped the Duke flyer in the 70. The fast-starting Murchison became the first sprinter in 18 years to win the Boston AA sprint two years in a row when he beat Kave by inches. At the Millrose Games Murchison was eliminated in a semi-final race when his starting blocks slipped. The race was

won by Kave in 6.1 with Bob Brown, the Penn State freshman, second. In the other semi, Ed Collymore of Villanova also tied the indoor record with a 6.1 clocking as he defeated Sime. Kave scored an impressive victory in the final with Brown, Collymore and Sime finishing behind him in that order.

Sime got back on the winning trail at the New York A.C. Games, beating Kave, Barnwell and Sydnor. The AAU sprint seemed to be a tossup among Kave, Collymore, Murchison, Sydnor and Sime. After qualifying for the final, Sime and Kave both withdrew because of leg trouble. Murchison got his usual fast start in the final, but Collymore came on with a rush to nip Ira with Sydnor taking third.

Collymore went on to win the IC4A 60 from Barnwell and was then installed as the favorite in the New York K of C 60. However, Sydnor surprised everyone by scoring a close win over Barnwell for his first victory of the season. Ira Davis nosed out Collymore for the bronze medal. Murchison outraced Collymore in Chicago and then both of them were beaten in a 50 at Cleveland by Bob Mitchell, the Illinois football star. The number one ranking for the season went to Murchison.

During the 1959 indoor season, Murchison didn't race in the East. Tom Robinson of Michigan handed Murchison his only defeat at the Chicago Holiday meet early in the season. Paul Winder, a Morgan State sophomore, was the biggest winner of the Eastern board floor season. Jonas Spiegel, a Maryland freshman, beat Winder in the All-East meet. At the Boston K of C Winder won the 50 from Keith Gardner, the British Empire 100-yard champion. Olympic champion Bobby Morrow beat Winder in the Washington Evening Star sprint series. It was a sensational indoor debut for the great Morrow. However, Winder came back strongly to win the Millrose 60 with Spiegel second and Morrow third.

Winder lost the Boston AA 50 to Gardner but again the Morgan State star came back with a flashy win over Sydnor and Paul Drayton, a Villanova freshman, at the Philadelphia Inquirer Games. No one had ever run 60 yards in 6.1 at the New York A.C. meet until Kave turned the trick in a semi-final race. The feat was duplicated in the final when Barnwell beat Kave. Winder, who was eliminated in the NYAC meet, faced a strong challenge in the AAU 60. Defending champion Ed Collymore was the best 600 runner of the campaign but he decided to run the 60 in the AAU meet. Winder beat Kave in one semi and Gardner beat Collymore in the other semi. In the final, Winder, Gardner, Collymore and Kave came charging down the Garden midway like a team. Winder came up in the last few yards to nip Gardner with Collymore third. Winder's time of 6.1 tied the indoor record.

Collymore again challenged Winder after Ed won the IC4A 60 from Brown. However, Winder scored a smashing victory in the New York K of C 60 to cap a successful season. Barnwell was second and Collymore third in this last sprint of the season in the Garden.

The 1960 season was notable because of the introduction of big time indoor track to the West Coast. Collymore, now in the marines, renewed his great rivalry with Winder by defeating Paul in the 60 at the All-Eastern meet. However, Winder turned the tables on Collymore in the 50 at the Boston K of C meet. Meanwhile at the Los Angeles Invitational Bill Woodhouse won the 60 from Vic Hall. The next night the Washington Evening Star sprint series was won by Bob Brown. Sime won the 70 in this meet but withdrew from the series when he felt a muscle twinge in his leg. Villanova sophomore Frank Budd won the Millrose 60 from a fast field and Brown showed his Washington win was no fluke by taking the Boston AA 50 in 5.3 to tie the meet record. Hurdler Hayes Jones of Eastern Michigan challenged the sprinters at the Philadelphia Inquirer meet and won the 50 from Budd and Spiegel besides winning the hurdles for a great double. The next night Jones scored another double at the New York A.C. meet, winning the hurdles and defeating Winder, Spiegel and John Fernandez of Manhattan in the sprint.

Across the country track fans witnessed some great sprinting at the Los Angeles Times meet. In the first heat of the 60 USC sophomore Jim Bates got an obvious rolling start and ran a six-flat with Oregon's Roscoe Cook second. In the final, Cook ran the first legitimate six-flat ever run on boards with Bates second and Hall third. As usual the AAU Championships produced some great races and the official 6.1 indoor record was tied twice. In the first semi, Winder won in 6.1 over Drayton while in the second semi Dave James of the Army also tied the 6.1 record by beating Dan Miller of Maryland St. In the final, Winder came through with a great race to beat Miller, Drayton and James for his second straight AAU title.

At the New York K of C meet Brown won his first big indoor 60 and he seemed a cinch to win the IC4A 60 but the surprise winner was Budd. Drayton finished third. The 1960 indoor season ended in the Midwest with Eddie Miles of Indiana beating Brown in Chicago and Milwaukee but with Brown gaining revenge by beating Miles in a 50 at Cleveland.

(End of Series)

THE GREATEST MILE RUNNERS

By Tony O'Donoghue (Eire) and James Powell (USA)

This undertaking is an effort to place the greatest 1500m/mile runners up to 1960 in positions according to their various achievements and competitive ability through the medium of the track fan's yardstick -- statistics.

Every consideration is given, including points for races under 4:05 indoors on the boards. However, every system no matter how carefully compiled has its faults and the one here is the section for win-loss points. Some runners never really had the chance to meet many top class (sub 3:45/4:04) men as they were either far ahead of their time or they competed infrequently. Prime examples of this situation are Gunder Hagg, John Landy, Wes Santee and Roger Bannister. Thus, their total score falls far short of what it could have been had they had the opportunities for extensive competition that some runners now have. This situation, unfortunately, cannot be avoided. To help counter balance the problem of this section, points for placings on the annual Track & Field News ranking and various statistical lists have been added. In order to obtain a high score on this system, a runner must be above all very consistent.

The top 20 will be presented in reverse order, with the highest scoring miler being the last to appear. The following is the scoring table we have devised for this series:

- 15 World record in the 1500 or the mile.
- 15 Olympic victory
- 12 Second place in Olympics
- 9 Third place in Olympics
- 6 Fourth place in Olympics
- 4 Fifth place in Olympics
- 2 Sixth place in Olympics

- 12 European champion
- 8 Second place in European Championships
- 4 Third place in European Championships

- 10 First place in British Empire Games
- 6 Second place in British Empire Games
- 2 Third place in British Empire Games

- 20 First best average for 10 best times
- 19 Second best average for 10 best times
- 18 Third best average for 10 best times
(etc)

- 20 First combined all-time 1500/mile list
- 19 Second combined all-time 1500/mile list
- 18 Third combined all-time 1500/mile list
(etc)

- 10 First yearly 1500/mile list
- 9 Second yearly 1500/mile list
- 8 Third yearly 1500/mile list
(etc)

- 10 Major championship win (victory over more than three top class runners)
- 7 Major championship win (victory over three top class runners)
- 5 Major championship win (victory over two top class runners)
- 3 Major championship win (victory over one top class runner)

- 10 First T&FN World Ranking (5 pre-T&FN)
- 9 Second T&FN World Ranking (4 pre T&FN)
- 8 Third T&FN World Ranking (3 pre T&FN)
(etc)

- 5 Sub 3:41/3:59 performance
- 3 Sub 3:43/4:01 performance
- 2 Sub 3:45/4:04 performance

- 5 World Indoor Record
- 4 Sub 4:02 indoor performance
- 3 Sub 4:03 indoor performance
- 2 Sub 4:04 indoor performance
- 1 Sub 4:05 indoor performance

- 1 Deducted from top class runner if defeated by another top class runner in under 3:45/4:04 (winning time).
- 1 Added to top class runner's score if victory is achieved over another top class runner. Time also must be under 3:45/4:04.

Note: If top class runners qualify in a heat they get no victory or defeat penalties in respect to each other. But if there was a world class man unplaced they get points for beating him, and he is docked points for everyone who finishes ahead of him.

ALL-TIME 1500/MILE LIST

BEST TEN TIMES AVERAGES

| | <u>1500</u> | <u>Mile</u> | | | | |
|-----|-------------|-------------|----------------|-----|---------|-----------------|
| 1. | 3:36.0 | | Herb Elliott | 1. | 3:56.86 | Herb Elliott |
| 2. | | 3:55.9 | Merv Lincoln | 2. | 3:58.82 | I. Rozsavolgyi |
| 3. | 3:38.1 | | S. Jungwirth | 3. | 3:59.28 | Dan Waern |
| 4. | | 3:56.5 | S. Valentin | 4. | 3:59.35 | S. Jungwirth |
| 5. | 3:38.8 | | M. Halberg | 5. | 3:59.81 | John Landy |
| 6. | 3:38.9 | | I. Rozsavolgyi | 6. | 3:59.82 | Merv Lincoln |
| 7. | | 3:57.2 | Derek Ibbotson | 7. | 4:00.24 | Derek Ibbotson |
| 8. | | 3:57.5 | Ron Delany | 8. | 4:00.32 | O. Vuorisalo |
| 9. | | 3:57.9 | John Landy | 9. | 4:00.40 | S. Valentin |
| 10. | 3:39.8 | | A. Hamarstrand | 10. | 4:00.44 | S. Lewandowski |
| 11. | 3:40.2 | | Olavi Salsola | | 4:00.44 | Laszlo Tabori |
| | 3:40.2 | | Olavi Salonen | 12. | 4:00.67 | Brian Hewson |
| 13. | | 3:58.5 | Dan Waern | 13. | 4:00.69 | S. Herrmann |
| 14. | | 3:58.6 | Jim Bailey | 14. | 4:00.99 | M. Halberg |
| | | 3:58.6 | A. Thomas | 15. | 4:01.00 | Ron Delany |
| | 3:40.3 | | O. Vuorisalo | 16. | 4:01.37 | Olavi Salsola |
| 17. | | 3:58.7 | Don Bowden | 17. | 4:01.49 | Olavi Salonen |
| 18. | | 3:58.8 | R. Bannister | 18. | 4:02.01 | Wes Santee |
| 19. | | 3:58.9 | B. Hewson | 19. | 4:02.03 | G. Nielsen |
| 20. | | 3:59.0 | L. Tabori | 20. | 4:02.48 | K. Richtzenhain |