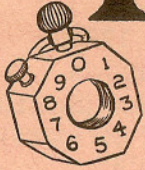


TRACK NEWSLETTER



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. 23

July 6, 1960

Semi-Monthly

\$6 per year by first class mail

Edited by Hal Bateman

FINAL OLYMPIC TRIALS, July 1-2, Palo Alto, Calif.: 100m, Norton (SCVYV) 10.4; Budd (Phila. Pioneers) 10.4; tie, Sime (Duke AC) and Winder (Morgan St) 10.4; Woodhouse (Abilene TC) 10.5; White (Calif) 10.5; Fuller (USAF) 10.5; Tidwell (Kansas) did not finish (Pulled muscle). 200t, Norton 20.5 (world record); Johnson (Grambling) 20.8; Carney (Cleveland Striders) 20.9; Morrow (Abilene TC) 21.1; Winder 21.2; Givens (Okla) 21.2; Collymore (USMC). (Johnson ran 20.5 in heat). 400, Yerman (Calif) 46.3; Young (Abilene TC) 46.5; O. Davis (EEAA) 46.7; Woods (Colo) 46.7; tie, Hall (Cal Poly, SLO) and Roberson (USA) 46.9; Edmunds (Princeton) 47.0 (Yerman and O. Davis ran 46.0 in heats). 800, Murphy (NYAC) 1:46.7; Siebert (Calif) 1:46.8; Cunliffe (Stanford) 1:47.5; Dupree (New Mexico) 1:47.5; Merri-man (Wichita TC) 1:47.9; Tague (Kansas) 1:50.6; Stack (Yale) 2:05 walked across (Stack 1:47.8 and Evans (NYAC) 1:47.9 in heats). 1500, Burleson (Oregon) 3:46.9; Grelle (EEAA) 3:47.4; Close (USMC) 3:49.0; Moran (NYAC) 3:49.0; Weisiger (Duke TC) 3:49.2; San Romani (Wichita TC) 3:50.2; Rodda (USA) 3:50.3; Fleming (USMC) 3:51.2; Holland (UCLA) 3:53.0; Dotson (Kansas) 3:53.3; Dahl (UCLA) 3:54.5; Seaman (SC Striders) 3:55.2; Larson (Oregon) 4:00.3. 3000SC, Young (USA) 8:50.6; Coleman (UCTC) 8:51.0; Jones (USA) 8:52.5; Oakley (una) 9:04.0; Higdon (UCTC) 9:21.3; Sargent (SCVYV) 9:26.9; Hoffman (Oregon St) 9:33.8; Matza (USA) 9:41.1; Moorhead (Penn St) 9:58.3. 5,000, Beatty (SCVYV) 14:13.6; Dellinger (EEAA) 14:13.8; Soth (SC Striders) 14:18.6; Whiteley (Emporia St) 14:28.4; Robertson (SC Striders) 14:38.2; Mills (Kansas) 14:47.6; Truex (USAF) 14:57.2; Ashmore (W. Mich) 15:02.3; Eisenman (Okla. St) 15:11.4; Vinton (Georgetown) 15:43.5; Stieglitz (USN) 15:54.8. 110HH, Calhoun (una) 13.4; May (UCTC) 13.5; Jones (E. Mich) 13.5; Cobb (USN) 14.2; Arlt (Wash. St) 14.2; Casey (Bowling Green) 14.2; Odegard (Minn) 14.5; Tarr (EEAA) 15.5. 400H, G. Davis (Ohio TC) 49.5; Howard (New Mexico) 49.8; Cushman (Kansas) 49.9; Southern (USAF) 49.9; Culbreath (Phila. Pioneers) 50.2; Don Styron (NE La.) 50.3; Cawley (SC Striders) BJ, Boston (Tenn A&I) 26'6 $\frac{1}{2}$ "w (26'4 $\frac{1}{4}$ "); Watson (Okla. frosh) 25'9 $\frac{1}{4}$ "; Roberson (USA) 25'5 $\frac{1}{4}$ "; Bell (una) 25'4"w (25'2 $\frac{1}{2}$ "); Horn (Oregon St) 25'3"w (24'11 $\frac{1}{4}$ "); Meyers (Colo) 24'8 $\frac{1}{2}$ "w (24'2"); Wiley (SC Striders) 24'6"; Close (Oregon) 23'11 $\frac{1}{2}$ "; Kelly (Stanford) 23'4 $\frac{1}{4}$ "; Ritchie (Nevada) 23'1 $\frac{3}{4}$ "; Lawson (EEAA) 22'6 $\frac{1}{4}$ "; Herman (NYPC) no fair jumps. HSJ, I. Davis (Phila. Pioneers) 53'1 $\frac{1}{4}$ "; Stokes (SC Striders) 51'11"w (50'8 $\frac{1}{4}$ "); Sharpe (Phila. Pioneers) 51'9 $\frac{3}{4}$ "w (50'10 $\frac{3}{4}$ "); Andrews (SC Striders) 51'1 $\frac{1}{2}$ "; Floerke (USA) 51'1 $\frac{1}{2}$ "; Hayes (Southern Cal) 50'5 $\frac{1}{2}$ "; Shaw (Phila. Pioneers) 49'8"w (49'4 $\frac{3}{4}$ "); Horn (Oregon St) 49'3"; Middleton (Winston-Salem) 49'1 $\frac{1}{2}$ "; Kelly (Stanford) 48'2 $\frac{3}{4}$ "; Moore (Winston-Salem) 47'6 $\frac{1}{4}$ "w (46'5 $\frac{1}{2}$ "); Dyes (NE La) 47'6". HJ, Thomas (Boston U) 7'3 $\frac{3}{4}$ " (world record); Faust (Occidental frosh) 7'; Dumas (Southern Calif) 6'11"; E. Williams (San Jose St) 6'10"; Lewis (Grambling) 6'10"; Wyatt (SCVYV) 6'9"; Barnes (San Jose St) 6'7 $\frac{1}{2}$ "; tie, Fehlen (USN), Costa (Brigham Young), C. Williams (Mexico, Mo), Wyborney (Wash. St); Gardner (USMC) and Sheppard (Indiana) 6'5 $\frac{1}{2}$ ". PV, Bragg (USA) 15'9 $\frac{1}{4}$ " (world record); Morris (SC Striders) 15'5 $\frac{1}{4}$ "; Clark (N. Texas St) 15'3"; Wadsworth (Fla) 15'3"; Graham (una) 15'; Dooley (Okla. St) 15'; tie, Martin (Okla), Johnston (USA), Cramer (Wash. frosh) and Gutowski (USMC) 14'8"; tie, Elkins (SMU) and Kimmell (San Jose St) 14'4"; Schwarz (USMC) passed 14'4" but missed at 14'8"; Mattos (SCVYV) missed at 14'4". SP, Long (Southern Calif) 63'3 $\frac{3}{4}$ "; O'Brien (SC Striders) 62'3 $\frac{3}{4}$ "; Davis (SC Striders) 62'3 $\frac{1}{2}$ "; Nieder (USA) 61'9 $\frac{3}{4}$ "; Winters (Stanford) 59'11 $\frac{1}{4}$ "; Lewis (Occidental) 56'4 $\frac{3}{4}$ "; Bantum (NYPC) 55'3"; Johnson (SC Striders) 54'9"; Nutting (Ga. Tech) 54'1 $\frac{1}{2}$ "; Marchiony (Manhattan) 53'7 $\frac{3}{4}$ "; Kohler (NYAC) 52'4 $\frac{1}{2}$ ". DT, Babka (SC Striders) 192'3 $\frac{1}{2}$ "; Oerter (NYAC) 188'3"; Cochran (Mo) 181'11"; Silvester (USA) 181'2"; Humphreys (SC Striders) 178'11 $\frac{1}{2}$ "; Ellis (NYAC) 178'2 $\frac{1}{2}$ ";

Gordien (SC Striders) 175'½"; Egan (USA) 174'1½"; Burke (Arizona) 168'8"; O'Brien (SC Striders) 168'2"; Wade (Southern Calif) 167'5½"; Stubblefield (Oregon) 165'2½"; Putnam (UCLA) 155'2½". HT, Hall (NYAC) 214'7"; Connolly (SC Striders) 212'3½"; Bagdonas (USA) 205'11"; McWilliams (USA) 201'8"; Pagani (NYAC) 200'1"; Backus (NYAC) 194'11½"; Doten (Harvard) 191'9½"; Thomson (NYAC) 190'5"; Keerd (USA) 187'6"; Wilson (Harvard) 178'8"; Cross (Yale) 175"; Pryde (UC Santa Barbara) 160'5½"; Burke (San Jose St) 159'7½"; Sage (Navy) no fair throws. JT, Cantello (USMC) 277'7"; Alley (Kansas) 269'7½"; Beucher (Kansas) 255'11"; Fromm (Seattle OC) 249'8"; Sbordone (Southern Calif) 244'10"; Conley (una) 241'11½"; R. Johnson (SC Striders) 240"; Stuart (Santa Ana JC) 236'3½"; Sikorsky (USMC) 232'5½"; Frye (SC Striders) 230'5"; Stenlund (Oregon St) 227'9"; Wilkinson (Redlands) 224'6½"; Ulrich (UCLA) 222'9"; Millis (Chico St) 191'8".

Zurich, June 21: 100m, Hary (Germany) 10.0 (rolling start); Seye (France) 10.3; Meunier (France) 10.3; Schuttler (Germany) 10.5; Genevay (France) 10.6; Muller (Switzerland) 10.6. Second race: Hary 10.0 (world record); Muller 10.3; Schuttler 10.4. 200t, Seye 20.7; Genevay 21.2; Giannone (Italy) 21.3. 400, Kaufmann (Germany) 46.1; Milkha Singh (India) 46.2; Weber 47.4; Bonmarito (Italy) 47.5. 800, Klaban (Austria) 1:51.2; Jazy (France) 1:51.7. 1500, Cegledi (Austria) 3:45.2; Rizzo (Italy) 3:45.4; Baraldi (Italy) 3:48.2. 3000, Bernard (France) 8:00.0; Bogay (France) 8:00.8; Hiesstand 8:15.8. 110HH, Lauer (Germany) 13.8; Mazza (Italy) 14.0; Svara (Italy) 14.1; Roudniska (France) 14.2; Schottes (Germany) 14.3. 400H, Morale (Italy) 50.9; Martini (Italy) 52.2.

Munich, Germany, June 24: 100m, Hary 10.4; Giannone (Italy) 10.6. 200, Sardi (Italy) 21.4. 400, Kaufmann 45.9; Milkha Singh 46.0; Klimbt 47.6; Haas 47.6. 800, Schmidt 1:50.4; Klaban (Austria) 1:50.5; Missalla 1:51.6. 1500, Ostach 3:44.4; Cegledi (Austria) 3:44.4; Rizzo (Italy) 3:45.5. 110HH, Lauer 14.1. 400H, Janz 51.3; Morale (Italy) 52.1; Matthias 52.4. SP, Meconi (Italy) 57'8½". DT, Rado (Italy) 172'7". JT, Frommshagen 244'4". HJ, Pull 6'8¾".

Kiel, Germany, June 23: Kinder 47.3; Oberste 47.4n; Bakle 1:50.8

ROSICKY MEMORIAL, Prague, June 18: 100m, Krohn (Germany) 10.6. 400, Trousil 47.3; Hellsten (Finland) 48.1. 1500, Vamos (Rumania) 3:40.2; Grodowski (Germany) 3:41.7; Momotkov (USSR) 3:42.7; Jungwirth 3:44.1; Szekeres (Hungary) 3:46.6. HJ, Bolshov (USSR) 6'8¾"; Si Tschung-fan (China) 6'7½". HSJ, J. Schmidt (Poland) 54'2¾"; Kreer (USSR) 53'3¾"; Malcherczyk (Poland) 52'1¾"; Krupala 50'9½"; Rehak 50'5½". DT, Szecsenyi (Hungary) 188'5½"; Piatkowski (Poland) 180'4½"; Lyakhov (USSR) 178'3¾"; Cihak 173'7¾"; Nemecek 173'4¾". HT, Zsivotzky (Hungary) 214'11"; Rudenkov (USSR) 212'7½"; Thun (Austria) 205'9". June 19: 200, Mandlik 21.0. 800, Smith (Great Britain) 1:49.9; Bruszkowski (Poland) 1:50.3; Odlozil 1:50.4; Balke (Germany) 1:50.5. 5000, Jurek 13:58.8; Bohaty 14:02.6; Merriman (GB) 14:03.4; Barabas (Rumania) 14:03.6. 3000SC, Zhanal 8:43.4; Papavassiliou (Greece) 8:45.8; Rzhishchin (USSR) 8:47.4; Brlica 8:50.4; Chapman (GB) 8:50.6. BJ, Mangleras (Greece) 25'3½"; Netopilik 25'2"w (24'8½"); Valkama (Finland) 25'1½". SP, Lipsnis (USSR) 60'8"; Varju (Hungary) 59'9¾"; Nagy (Hungary) 58'1¼"; Skobla 57'5¾". JT, Ma Tschang-lu (China) 244'8"; Vojtek 238'2".

Misc. Hungarian Results, Budapest, June 11-12: Toth 10.6w; Parsch 3:49.1; A. Simon 8:47.8; Hecker 8:47.8n; Levai 172'10". Budapest, June 16: Iharos 14:11.4. Budapest, June 19: Hecker 5:17.2; Szabo 5:18.6.

Brussels, Moens 3:41.4; Bernard (France) 3:42.0.

Misc. Finnish Results, Helsinki, June 16: Vuorisalo 3:51.0; Salonen 3:51.2; Valentin (Germany) 3:51.3. Lahti, June 16: Kruger (Germany) 244'6½". Tampere, June 16: Kauhanen 246'11"; Helsinki, June 17: Kruse (Germany) 1:49.4; Salonen 1:49.9; Salsola 1:51.5; Buhl (Germany) 8:41.8; Doring (Germany) 8:54.4; Repo 179'5½"; Lindroos 177'4". Forssa, June 19: Laine 253'8". Kyroskoski, June 19: Repo 174'5¾". Tampere, June 19: Flosbach (Germany) 14:01.6; Hoger (Germany) 14:02.6; Kleefeldt (Germany) 14:08.0; Repo 177'1½".

London, June 15: 100m, Radford 10.4; Berutti (Italy) 10.6. 200, Berutti 21.1. 400, Wrighton 47.5; Yardley 47.7. 1500, Kent-Smith 3:43.7; Pirie 3:45.6; Haith 3:46.8. 10,000, Eldon 29:30.0; Knight 30:25.6. 400H, Farrell 51.0; Morale (Italy) 51.4. 400R, England 40. Italy 40.4. 1600mR, England 3:10.4; Italy 3:10.9. SP, Rowe 59'1"; Meconi (Italy) 57'11½". DT, Consolini (Italy) 179'3½"; Rado (Italy) 171'3½". JT, C. Lievore (Italy) 241'11".

Wolverhampton, England, June 18: 100m, Radford 10.3. 200m, Radford 21.0; D. Jones 21.2. 400, Yardley 47.1; Jackson 47.4. 800, Wenk 1:51.2. 1500, Anderson 3:45.8; Goddard 3:46.2. 400H, Goudge 52.2. SP, Rowe 57'2¾".

USSR 110½, WEST POLAND 101½, Tula, Russia, June 25: 100m, Foik (P) 10.4. 400, Swatowski (P) 47.3. 800, Bulishev (U) 1:48.7; Orywal (P) 1:49.3; Makomaski (P) 1:49.4. 5,000, Krzyskowiak (P) 13:50.6; Bolotnikov (U) 13:53.6; Zimny (P) 13:55.4; Artinyuk (U) 14:04.6.

110HH, Mikhailov (U) 13.8; Berezutskiy (U) 14.3. HJ, Bolshov (U) 6'9 $\frac{1}{2}$ "; Khoroshilov (U) 6'8 $\frac{3}{8}$ ". PV, Krasovskis (U) 14'11 $\frac{1}{8}$ ". DT, Piatkowski (P) 184'7 $\frac{1}{2}$ "; Bukhantsev (U) 181'4 $\frac{1}{2}$ ". JT, Sidlo (P) 248'8 $\frac{1}{4}$ "; Radziwonowicz (P) 241'9". 400R, USSR 40.6; Poland 40.7. June 26: 200, Foik 21.1. 1500, Momotkov (U) 3:42.8; Lewandowski (P) 3:44.3; Jochman (P) 3:49.7. 10,000, Desyatchikov (U) 29:00.0; Ozog (P) 29:43.4; Zakharov (U) 29:58.0. 400H, Syedov (U) 51.5. 3000SC, Krzyszkowiak 8:31.3 (world record); Sokolov (U) 8:32.4; Yevdokimov (U) 8:45.9. BJ, Bondarenko (U) 24'9 $\frac{5}{8}$ "; Yeremin (U) 24'8 $\frac{1}{2}$ "; Grabowski (P) 24'6 $\frac{1}{2}$ ". HSJ, Schmidt (P) 54'2"; Krcer (U) 53'1 $\frac{1}{2}$ "; Y. Mikhailov (U) 53'7 $\frac{3}{4}$ ". SP, Sosgornik (P) 58'7 $\frac{1}{8}$ "; Lipsnis (U) 57'11 $\frac{1}{4}$ ". 1600mR, Poland 3:11.6; USSR 3:12.2. HT, Samotsvetov (U) 216'1 $\frac{1}{2}$ "; Nikulin (P) 215'1 $\frac{1}{2}$ "; Rut (P) 209'11".

Budapest, June 25: 400, Csutoras 46.8. 1500, Rozsavolgyi 3:40.4; L. Kovacs 3:41.8. 5,000, Grodotski (Germany) 13:49.2; J. Kovacs 14:02.8; Iharos 14:07.8. BJ, Ter-Ovanesyan (USSR) 25'7 $\frac{3}{8}$ "; Kalocsay 24'5 $\frac{3}{4}$ ". SP, Varju 60'10 $\frac{3}{4}$ "; Nagy 59'4 $\frac{5}{8}$ "; Varanauskas (USSR) 58'10 $\frac{3}{4}$ "; Plihal (Czech) 58'1 $\frac{1}{2}$ "; Skobla (Czech) 57'3 $\frac{3}{4}$ ". June 26: 200, Csutoras 21.0. 800, Parsch 1:48.5; Szebtgali 1:49.4; Vamos (Rumania) 1:49.8. 400H, Matsulevich (USSR) 51.6. 3000SC, Simon 8:40.6. DT, Szecsenyi 190'5 $\frac{1}{2}$ "; Klics 176'11 $\frac{1}{2}$ "; Nemecek (Czech) 176'7 $\frac{1}{2}$ ". HT, Boltovskiy (USSR) 218'2 $\frac{1}{2}$ "; Zsivotsky 213'1 $\frac{1}{2}$ "; Csermak 208'7".

Saarijaervi, Finland: Vuorisalo 3:49.9; Valkama 25'1 $\frac{1}{8}$ "; Manninen 24'11 $\frac{5}{8}$ ".

Misc. English Results: Kent-Smith 4:00.7; Wiggs 4:01.2n; Reeds 4:01.8n; Pirie 13:30.8 (3 miles); Merriman 13:31.6n; Hyman 13:34.6n; Radford 9.5; Wrighton 47.3; Everett 4:03.9; Bryan 52.1; Goudge 52.4; Palmer 8:53.4 (3000SC); Lucking 57'5 $\frac{3}{4}$ "; Rowe 64'3 $\frac{1}{2}$ " (exhibition).

Kiev, Russia, Bartenyev 10.2.

Frankfurt, Germany, June 29: Hary 10.2; Delecour (France) 10.4n; Hary 20.9;

Lauer 13.7.

SWEDEN 117, NORWAY 93, Goteborg: Waern (S) 3:47.8; Hamarsland (N) 3:48.5; Troll-sas (S) 52.4; Tjornebo 8:56.8; Asplund (S) 210'4 $\frac{1}{2}$ "; Strandli (N) 203'9".

Helsinki: Rozsavolgyi (Hungary) 3:48.3; Salonen 3:48.8n; Szabo (Hungary) 14:16.8; Valkama 24'3 $\frac{3}{4}$ "; Malinen 24'3 $\frac{3}{4}$ " Repo 183'9 $\frac{1}{2}$ "; Lindroos 174'3"; Lindsay (Great Britain) 166'8".

Moscow, July 3: 10,000, Artinyuk 28:58.0; Bolotnikov 28:58.2. SP, Rowe (Great Britain) 59'9 $\frac{1}{4}$ ". 1500, Bernard (France) 3:45.8; Hammarsland (Norway) 3:46.7; Szekeres (Hungary) 3:46.9. 200, Berruti (Italy) 20.8. 100, Berruti 10.4. JT, C. Lievore (Italy) 266'2 $\frac{1}{2}$ ". 3000SC, Buhl (Germany) 8:34.0; Yevdokimov 8:42.0. 800, Savinkov 1:48.3. Women's 800, Lisenko 2:04.3 (world record).

BULLETIN BOARD

Next Newsletters July 27, August 10. Track & Field News mailed July 14.

This is the next to last issue of Vol. 6 of the Newsletter and for those who have not renewed it's getting late. An immediate renewal will make certain you miss no issues. \$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.

WIND SPRINTS

Miscellaneous notes from the Olympic Trials: the shortest field event man was Joel Wiley, who stands 5'7 $\frac{3}{4}$ ", while 5'5 $\frac{1}{2}$ " Max Truex was the shortest track event man... the tallest field event man was 6'7" Jack Ellis and the distinction of being the tallest track event man was shared by Bernie Casey and Dave Roberson, who both stand 6'4"... Rink Babka at 267 pounds was the heaviest field event man and Casey at 210 was the heaviest track event man... 146-pound Godfrey Moore was the lightest field event man with Jim Beatty and Truex were the lightest track men at 128 pounds apiece... Fortune Gordien, who will be 38 on Sept. 9, was the oldest competitor while the youngest competitor was high jumper Joe Faust, who will be 18 on Sept. 21... the only high school students in the meet were sprinter Hubie Watson of Los Angeles and high jumper Charles Williams of Mexico, Mo... 150 of the 221 athletes were students... 33 were in the service and 12 were teachers... other occupations were policeman Bill Sharpe, flight test analyst Ned Sargent, bankers Parry O'Brien and Bobby Morrow, Columbia University admissions and financial aid officer George Shaw, juvenile group counselor Herm Wyatt and free lance magazine writer Hal Higdon... only 61 of the competitors were married and the athletes came from 35 states plus the District of Columbia. 76 competitors listed California as their home state while 16 listed New York and 11 Texas.

10 YEARS OF TRACK AND FIELD

Part XI - The Hop-Step-Jump

By Humphrey J. Long

World Record:

1950
52'5 $\frac{7}{8}$ "

1960
54'9 $\frac{1}{2}$ "

As with so many track and field events progress in the hop, step and jump was slow in picking up after the barren war years. The Japanese, for long the champions of the triple-jumping art, were barred from international competition and Naoto Tajima's Olympic and world mark stood unapproached.

At Brussels in the 1950 European Championships a new champion, Leonid Shcherbakov of Russia, was crowned after a meet record of 50'5 $\frac{7}{8}$ ". Just prior to this meet the bounding Russian had reached 51'6 $\frac{1}{8}$ " in Moscow for a European record and a world post-war best. But before the year was out a 23-year-old Brazilian, Adhemar Da Silva, made the athletic world sit up and take notice when he equalled the world record with a 52'5 $\frac{7}{8}$ " effort at Sao Paulo, his home town. He thus became the first Brazilian to have his name inscribed on the athletic record roll of honor. Shcherbakov did not improve during 1951, topping 50 feet but once in contrast to Da Silva's ever-improving form. The Brazilian won the Pan-American Games title with a mere 49'10", came close to the world mark with a 52'4 $\frac{1}{4}$ " leap in June and then leaped beyond it with a 52'6 $\frac{1}{4}$ " effort in September. Helio Da Silva, another Brazilian, also came close with a leap of 52'5 $\frac{1}{2}$ " in a different meet, but broke his leg soon afterwards.

Adhemar Da Silva's form installed him as the favorite in the Olympics at Helsinki and he didn't disappoint his backers. The energetic Da Silva bettered his own world record four times and wound up with a great 53'2 $\frac{1}{2}$ ". Shcherbakov's European record of 52'5" was good for only second while another talented South American, 19-year-old Arnoldo Devonish of Venezuela, took third with 50'11 $\frac{3}{4}$ ". An American, Walter Ashbaugh, surprised with a 50'5 $\frac{3}{4}$ " effort for fourth. So ended the greatest demonstration of world-class triple-jumping in history.

The Olympic champion was unbeaten through 1953 but with the pressure off failed to reproduce his Helsinki form. Shcherbakov, on the other hand, got better and better. First, on July 8 in Moscow, he jumped 52'10 $\frac{3}{8}$ " for a new European best and then improved on this with a fabulous 53'2 $\frac{3}{4}$ ", also in Moscow, on July 19. The 26-year-old Russian thus fulfilled his great promise and became the first Russian world record holder in a standard Olympic event. However, on the whole, triple jumping was disappointing and easily surpassed by the 1954 season.

Da Silva opened the season with two 53 foot-plus performances, including one which equalled his Helsinki world mark. His great rival, Shcherbakov, didn't appear on a track until July but this was early enough for him to round into form to retain his European title at Bern with a meet record 52'2". Disappointingly no one else beat 50 feet. At Kiev, later in the season, the champion improved his year's best to 52'9 $\frac{1}{8}$ " but early in 1955 there came the inevitable destruction of his world record.

At the Pan-American Games in Mexico City during March Da Silva came up for his sixth and final jump tied at 52'11" with Devonish. The great Brazilian performer tore down the runway and leaped a magnificent 54'4" to win the competition, regain the world record and receive a tumultuous ovation from the crowd. Some sceptics attributed this fine jumping to the rarified atmosphere of Mexico City but nothing could detract from the ability of Da Silva to produce a great jump just when it was most needed. Shcherbakov couldn't match Da Silva's performance but he sure tried. At Warsaw on August 3, the Russian hit 53'7 $\frac{3}{4}$ " to again improve his European record. In addition, many other Russians, fired by the example of Shcherbakov, began to specialize in the triple jump and started to make the 50-foot mark look commonplace.

Standards generally were rising and it was Shcherbakov who fired the first salvo of the 1956 campaign with a 54-foot jump at Moscow in July. In far off Japan memories of pre-war greatness were aroused in October as Teruji Kogake beat Tajima's 20-year-old national record with a leap of 54'3 $\frac{3}{4}$ ". His world record threatened, Da Silva rose to the occasion by reaching 53'2 $\frac{5}{8}$ " in Brazil. At Melbourne, a shock was supplied by unknown Vilhjalmur Einarsson of Iceland who jumped 53'3 $\frac{3}{4}$ " to lead the hunt for gold. Da Silva, as great a come through performer as ever there was, replied with a 53'7 $\frac{3}{4}$ " and the competition was over. Russia's number two man, Vitold Kreer, placed third with 52'6 $\frac{3}{4}$ " and Bill Sharpe set a new U. S. record of 52'1 $\frac{1}{4}$ " in fourth spot. Ex-world record holder Shcherbakov could do no better than sixth

and Kogake was never in the hunt.

This was the greatest competition ever seen and yet it seemed as if things were only just beginning to happen in this event. In 1957 25 men beat 51 feet and standards everywhere rocketed upwards. Europe, as usual, saw the most action with a new star, Oleg Ryakhovskiy, coming to the fore. This 25-year-old from Uzbekistan won the Russian championship with a fine 53'5 $\frac{3}{8}$ " to defeat the best in the world's strongest triple-jumping nation. Da Silva, irrepressible as ever, travelled to Europe for a big meet in Moscow and caused no real surprise when, although 30 now, he beat the younger Europeans with a 52'2 $\frac{3}{4}$ " effort. But youth cannot forever be denied and it was virtual newcomers who took all the honors in 1958. The discovery of the year was Jozef Schmidt from Poland who suffered only one defeat in a fiercely competitive season. Seldom under 52 feet, the talented Pole leaped from comparative obscurity to fame by defeating a class field to take the European title at Stockholm. Schmidt hit a great 53'11" to turn back Ryakhovskiy, who prior to the games set a world best of 54'5 $\frac{1}{4}$ ". Einarsson was third and another Pole, Ryszard Malcherczyk, fourth. Russia's Vitold Kreer, a consistent 52-footer, drew the sympathy of the crowd when he failed to qualify for the final. Da Silva showed in and out form during the year but rounded off the season with a 53'3 $\frac{3}{4}$ " jump. Fellow veteran Shcherbakov had a season's best of 52'10 $\frac{3}{4}$ ".

Another young Russian, Oleg Fydoseyev, stole the show in 1959 with a 54'9 $\frac{1}{2}$ " world record in May and another 54'3 $\frac{1}{4}$ " effort in taking the Russian championship. Malcherczyk took over as the Polish number one man with a best of 53'11 $\frac{1}{4}$ " but it was the Russians as usual who dominated the event. Russia had another 54-footer in Kreer but he was beaten by 20-year-old Vladimir Goryayev, who did 54'2". Da Silva won the Pan-American Games title for the third time with a 52'2" effort against very little opposition. With so many fine young prospects around and considering that 20 athletes bettered 52 feet in 1959 it appears that 1960 will be fiercely competitive with distances in the region of 55 to 56 feet a possibility. A possible drawback at the Olympics may be that the Rome pit is not noted for yielding world class marks. However, it will take more than a slow runway to protect Da Silva's mark in the hot Italian sunshine.

1960 FROSH, JUNIOR COLLEGE LIST (cont)

SHOT PUT, 57'1 $\frac{1}{4}$ " Buchanan (Yakima, Wash., JC); 54'8 $\frac{1}{4}$ " Korn (Kansas); 52'10" Steen (Oregon); 52'8 $\frac{1}{4}$ " Blood (Maine); 52'7 $\frac{1}{4}$ " Merritt (Long Beach CC); 52'6" Carlson (Iowa St); 51'11 $\frac{3}{4}$ " Rooters (Fresno JC); 51'10" Gesswein (Duke); 51'5 $\frac{1}{2}$ " Taylor (Colorado); 50'11 $\frac{1}{4}$ " Stout (Kansas St); 50'9 $\frac{1}{2}$ " Martindale (Texas); 50'9 $\frac{1}{4}$ " Wright (Los Angeles Trade Tech JC); 50'8 $\frac{1}{2}$ " Henry (Long Beach CC); 50'7" Lewis (Montana V); 50'1 $\frac{1}{4}$ " McGrath (Occidental); 50' Buehler (Stanford); 49'11 $\frac{3}{4}$ " Parker (Modesto JC); 49'10 $\frac{3}{4}$ " Galli (Diablo Valley JC); 49'10 $\frac{3}{4}$ " Roebuck (Long Beach CC); 49'9 $\frac{1}{2}$ " Wade (Santa Monica JC); 49'9 $\frac{1}{2}$ " Pederson (Coalinga JC); 49'7 $\frac{1}{2}$ " Reed (Cerritos JC).

HAMMER THROW, 162'4" Baxter (Northeastern); 159'7" Jenckes (Dartmouth); 145'10 $\frac{1}{2}$ " Rothman (San Jose St); 144'7" Standish (Yale); 144'2 $\frac{1}{2}$ " Lidback (Northeastern); 143'4 $\frac{1}{2}$ " Clayman (Harvard); 138'8 $\frac{1}{2}$ " Lester (San Jose St); 130'11" Wycoff (Dartmouth); 129'3 $\frac{3}{4}$ " Studney (San Jose St); 127'9 $\frac{3}{4}$ " Smith (San Jose St); 124'9 $\frac{1}{2}$ " Doten (Harvard); 121'11" Malone (Yale); 120' Burich (Fordham); 118'11" Gilbert (Princeton); 113'7 $\frac{1}{2}$ " D'Amico (Manhattan).

DISCUS THROW, 179'1 $\frac{1}{2}$ " Johnstone (Arizona V); 171'8 $\frac{1}{2}$ " Edwards (Fresno JC); 168'6" Johnson (Oklahoma); 165'10" Santio (Maryland St. V); 165'8 $\frac{1}{2}$ " Stoner (Santa Ana JC); 160'5" Weill (Stanford); 159'8" Bradford (San Diego JC); 156'8 $\frac{1}{2}$ " Anderson (Phoenix, Ariz. JC); 156'1 $\frac{1}{2}$ " Pederson (Coalinga JC); 154'5" Bryant (Santa Ana JC); 153'9" Ficker (Clark JC, Wash); 153'3 $\frac{3}{4}$ " Studney (San Jose St); 152'4" Daniels (Monterey JC); 151'3" Rooters (Fresno JC); 151'2 $\frac{1}{2}$ " Robinson (Nebraska); 151' Gesswein (Duke); 150'5 $\frac{1}{2}$ " Buchanan (Yakima, Wash. JC); 150'5 $\frac{1}{2}$ " Merritt (Long Beach CC); 150'4 $\frac{1}{2}$ " Gray (Monterey Peninsula JC); 150'1 $\frac{1}{2}$ " Fields (LA Harbor JC).

JAVELIN THROW, 247'5" Stuart (Santa Ana JC); 231' English (Mt. San Antonio JC); 225'1 $\frac{1}{2}$ " Studney (San Jose St); 225'1" Dyes (NE La. V); 223'9" Pauly (Oregon St); 216'6 $\frac{1}{2}$ " Burns (Oregon); 212' Talbott (Kansas); 209'3" Marshall (Hardin-Simmons V); 208'4" Yang (UCLA); 199' Evans (Fullerton JC); 198'4" Harbert (NE La. V); 198'2" Armstrong (Harvard); 197'6" Tregre (La. St); 195'3 $\frac{1}{2}$ " Hallas (Yale); 195' Rothfuss (Kansas St); 194'4" Johnstone (Arizona V).

440-YARD RELAY, 40.7 Baylor; 41.0 Bakersfield JC; 41.2 Los Angeles CC; 41.2 San Jose State; 42.1 Abilene Christian; 42.1n Pierce JC; 42.1 Texas A&M; 42.3 Fullerton JC; 42.3 College of Sequoias; 42.4 Santa Ana JC; 42.4n Citrus JC; 42.4 Oklahoma; 42.5 Southern California; 42.5n Texas; 42.4mn Houston; 42.6n Cerritos JC; 42.7 Los Angeles Harbor JC; 42.8n East Los Angeles JC; 42.8n San Bernardino JC; 42.9n NE La.; 43.0 North Texas St.

880-YARD RELAY, 1:25.8 Los Angeles CC; 1:26.4n San Jose State; 1:27.0n Pierce JC; 1:27.2 Southern California; 1:27.2n Long Beach CC; 1:27.7 City College of San Francisco; 1:27.8 Bakersfield JC; 1:27.9 San Diego JC; 1:28.3 Glendale JC; 1:28.3n East Los Angeles JC; 1:28.5 Los Angeles Valley JC; 1:28.5 Monterey Peninsula JC; 1:28.7 Santa Ana JC; 1:29.0 Coalinga JC; 1:29.2 Citrus JC; 1:29.8n Cerritos JC; 1:29.8n Mt. San Antonio JC; 1:29.8n Los Angeles Harbor JC.

ONE-MILE RELAY, 3:11.0n Southern California; 3:11.2n Occidental; 3:12.2n New Mexico; 3:13.6 Los Angeles CC; 3:14.4n Bakersfield JC; 3:15.3 Abilene Christian; 3:15.5 Baylor; 3:15.6n Chaffey JC; 3:15.6n Mt. San Antonio JC; 3:16.5 Pierce JC; 3:16.7 Texas; 3:16.8 Glendale JC; 3:17.9 Nebraska; 3:18.5 College of Sequoias; 3:18.6n Rice; 3:19.1n Stanford; 3:19.2 Maryland State; 3:19.2n Los Angeles Valley JC; 3:19.5 Manhattan; 3:19.7n San Jose CC; 3:19.7n Fullerton JC; 3:19.7 Oklahoma; 3:19.8 Southern Methodist; 3:19.8n East Los Angeles JC; 3:19.9 San Diego JC.

TWO-MILE RELAY, 7:37.5n Occidental; 7:51.3 Los Angeles CC; 7:51.3n Glendale JC; 7:51.4 Bakersfield JC; 7:54.1n El Camino JC; 7:55.0 Cerritos JC; 7:55.5n Los Angeles Valley JC; 7:56.8n Long Beach CC; 7:57.1 Abilene Christian; 7:57.4 Orange Coast JC; 7:58.0 Pierce JC.

FOUR-MILE RELAY, 18:29.8 Orange Coast JC.

SPRINT MEDLEY RELAY, 3:24.8 Fullerton JC; 3:25.4n Glendale JC; 3:26.7 Bakersfield JC; 3:27.3 Southern Methodist; 3:27.3 Abilene Christian; 3:28.8 Antelope Valley JC; 3:29.2n Wichita; 3:29.3 Stockton JC; 3:29.6 Los Angeles CC; 3:29.7 Lubbock Christian JC, Texas; 3:30.0n Chaffey JC; 3:30.3n Texas; 3:31.1n Texas Tech; 3:31.6 Holy Cross; 3:32.8 Georgetown; 3:32.9n Texas A&M.

DISTANCE MEDLEY RELAY, 10:09.7 Santa Ana JC; 10:12.5 Glendale JC; 10:14.4n El Camino JC; 10:21.7n Los Angeles Valley JC; 10:23.0n Los Angeles CC; 10:25.3n Mt. San Antonio JC; 10:26.8 Orange Coast JC; 10:27.4 City College of San Francisco; 10:27.6 East Los Angeles JC; 10:29.4 Citrus JC; 10:29.4 Cerritos JC; 10:38.6 Occidental; 10:38.6n Chaffey JC; 10:41.7n Bakersfield JC.

STATS

Evolution of the world 3,000-meter steeplechase record:

8:59.6	Erik Elmsaater, Sweden	1944	8:45.4	Vasily Vlasenko, USSR	1955
8:49.8	Vladimir Kazantsev, USSR	1951	8:41.2	Jerzy Chromik, Poland	1955
8:48.6	Vladimir Kazantsev, USSR	1952	8:40.2	Jerzy Chromik, Poland	1955
8:45.4	Horace Ashenfelter, USA	1952	8:39.8	Semyon Rzhischin, USSR	1956
8:44.4	Olavi Rinteenpaa, Finland	1953	8:35.6	Sandor Rozsnyoi, Hungary	1956
8:49.6	Sandor Rozsnyoi, Hungary	1954	8:35.6	Semyon Rzhischin, USSR	1958
8:47.8	Pentti Karvonen, Finland	1955	8:32.0	Jerzy Chromik, Poland	1958
8:45.4	Pentti Karvonen, Finland	1955	8:31.4	Z. Krzyszkowiak, Poland	1960

No official world record recognized prior to the 1954 European Championships.

Evolution of the world pole vault record:

13'2 $\frac{1}{4}$ "	M.S. Wright, USA	1912	14'5 $\frac{1}{8}$ "	Keith Brown, USA	1935
13'5"	F.K. Foss, USA	1920	14'6 $\frac{1}{2}$ "	George Varoff, USA	1936
13'6 $\frac{1}{8}$ "	Charles Hoff, Norway	1922	14'11"	Bill Sefton, USA	1937
13'9 $\frac{3}{4}$ "	Charles Hoff, Norway	1922	14'11"	Earl Meadows, USA	1937
13'10 $\frac{1}{2}$ "	Charles Hoff, Norway	1925	15'1 $\frac{1}{8}$ "	C. Warmerdam, USA	1940
13'11 $\frac{1}{4}$ "	Charles Hoff, Norway	1925	15'5 $\frac{3}{4}$ "	C. Warmerdam, USA	1941
14'	Sabin Carr, USA	1927	15'7 $\frac{3}{4}$ "	C. Warmerdam, USA	1942
14'1 $\frac{1}{2}$ "	Lee Barnes, USA	1928	15'8 $\frac{1}{4}$ "	Bob Gutowski, USA	1957
14'4 $\frac{3}{8}$ "	Bill Graber, USA	1932	15'9 $\frac{1}{4}$ "	Don Bragg, USA	1960

Bob Gutowski vaulted 15'9 $\frac{3}{4}$ " in 1957 but the mark was never recognized as a world record. J.D. Martin, USA, has a mark of 15'9 $\frac{3}{4}$ " pending but may not be approved because of an irregularity.