

TRACKNEWSLETTER and TrackStats

Vol. 19, No. 24

August 16, 1973

UNITED STATES OUTDOOR NEWS

JC Dual, Miami, Fla., April 12—100, Bell (Miami-Dade N) 9.4.
Rome Relays, Rome, Ga., April 28—LJ, Walker (DeKalb JC) 24-11.

AC, Tempe, Ariz., May 17—HT, Arcaro (Ft Mac) 193-4.

Alabama Twilight, Tuscaloosa, Ala., May 27—PV, St. Lawrence (NYAC) 16-7 $\frac{3}{4}$.

AC, Phoenix, Ariz., June 27—HJ, Underwood (Glendale/Ariz CC) 7-0.

AC, Woodland Hills, Calif., June 27—HH, White (Strid) 13.8. PV (illegal standards—pegs taped), Pullard (Sn Cal) 16-8.

Oregon AAU, Monmouth, Ore., July 4—PV, Lipscomb (Ore St) 16-3 $\frac{1}{2}$. HT, Roeder (Staters) 182-6.

AC, Seattle, Wash., July 10—PV, Taylor (Wash) 16-6.

Sears-Press Old Newsboy Relays, Pittsburgh, Pa., July 14—LJ, Rea (Pitt) 25-11. JT, Kouvolo (Bruce TC) 260-2.

AC, East Los Angeles, Calif., July 12—PV, Smith (P Coast) 17-2. HJ, Joseph (Ariz) 7- $\frac{1}{2}$. DT, Lister (Strid) 192-2; 2. Stoltman (Wn Ky TC) 187-8.

AC, Eugene, Ore., July 13—100, Mays (Ore) 9.4. PV, Lipscomb (Ore St) 17-0.

AAU Pentathlon, Boulder, Colo., July 14—Wanamaker (unat) 3499 (3rd consecutive title) (21-2, 202-3, 22.4, 155-3, 5:03.3); 2. Tyler (Nev) 3361; 3. Hill (Eagle TC) 3305; 4. Merkwowitz (Colo TC) 3245; 5. Locke (unat) 3089.

AC, Seattle, Wash., July 17—Mile, Atkins (CNW) 4:04.7 PR. PV, Taylor (Wash) 16-6. SP, LeDuc (unat) 58-5 $\frac{1}{2}$.

AC, San Jose, Calif., July 17—DT, Kennedy (BA Strid) 180-2.

AC, Woodland Hills, Calif., July 18—PV, Smith (P Coast) 17-8 (illegal mark—taped pegs).

AC, East Los Angeles, Calif., July 19—SP, Kohler (Strid) 59- $\frac{3}{4}$. DT, Lister (Strid) 192-6; 2. Stoltman (Wn Ky TC) 186-6.

Bangor Open, Orono, Maine, July 21—HT, Arcaro (Ft Mac) 196-0.

Washington 153-British Columbia 150-Oregon 92, Seattle, Wash., July 21—St, Clark (Wash St) 9:03.2. HJ, Beers (Can)

7-3 =BCR; 2. Braggs (CNW) 7- $\frac{1}{2}$ PR. SP, LeDuc (unat) 60-8 $\frac{1}{4}$. HT, Keating (BC) 204-6; 2. Salmond (BC) 193-6; 3. Cairns (BC) 179-11.

AC, Seattle, Wash., July 24—PV, Taylor (Wash) 16-8. SP, LeDuc (unat) 60-1.

AC, Woodland Hills, Calif., July 25—3M, Babiracki (BYU) 13:40.8.

AC, East Los Angeles, Calif., July 26—DT, Stoltman (Wn Ky TC) 187-4; 2. Kohler (Strid) 183-11.

AC, Woodland Hills, Calif., July 27—PV (illegal marks—taped pegs), Rock (S Jose St) 16-6; 2. Pullard (Sn Cal) 16-6.

University Games Trials, University Park, Pa., Aug. 4 /sunny and hot, soft track; attendance 1200/-100m(w), Riddick (Norf St) 10.2; 2. Whatley (Ala) 10.2; 3. Brown (Essex CC) 10.3; 4. Gilbreath (NMJC) 10.4; 5. Porter (SWn La) 10.5. 200, Gilbreath 21.2; 2. Riddick 21.2. 400, Schultz (Okla St) 47.0; 2. Bond (Tenn) 47.2; 3. Sturgal (Tex) 47.8; 4. Davis (Nebr/Om) 48.8; 5. Jenkins (Tex Sn) 49.2. 800, Brown (Cal) 1:49.5; 2. Schappert (Vill) 1:50.3; 3. Smith (LSU) 1:55.2. 1500, Wal-drop (N Car) 3:44.9; 2. McAfee (N Car) 3:44.9; 3. Hexem (Yale) 3:46.1. St, Lucas (Geotwn AA) 9:03.6; 2. Clark (Wash St) 9:23.6. 5000, Herold (Wisc) 14:29.0; 2. Mander (Ind) 14:58.6; 3. Clark 15 34.4. 10,000, Maguire (Penn St) 30:41.8; 2. Bowerman (UCTC) 30:43.4; 3. Mander 30:54.6; 4. Vitale (NHTC) 31:00.0. HH, Shipp (LSU) 14.3. IH, Collins (Penn) 52.5; 2. Mondschein (Wash) 53.3; 3. Scully (Drexel) 57.9.

HJ, Joseph (Ariz) 7-0; 2. Dunn (Colg) 7-0. PV, Roberts (Rice) 16-0; 2. Porter (Kans) 16-0. LJ, Rea (Pitt) 25- $\frac{1}{4}$; 2. Brabham (Baylor) 24-8 $\frac{1}{4}$; 3. Boyd (Fisk) 24-2. TJ, McClure (Mid Tenn St) 49-9 $\frac{1}{4}$. SP, Stuart (Wn Ky) 64- $\frac{1}{4}$; 2. LeDuc (unat) 62-1 $\frac{1}{2}$ PR. DT, Penrose (Cal) 189-7. HT, Djerassi (NYAC) 202-5; 2. Jackson (Penn St) 201-3; 3. Bessette (Conn) 194-1. JT, Kouvolo (Bruce TC) 257-0; 2. Hall (Norf St) 236-9. Dec(8/4-5), Samara (Penn) 7623; 2. George (Fres St) 7279; . . dnf—Evans (Conn) [7], Jenner (unat) [2].

WORLD OUTDOOR NEWS

Harnosand, Swe., June 28—HJ, Woods (Ore St) 7- $\frac{5}{8}$. LJ, Williams (Sn Cal) 24-9 $\frac{1}{4}$. SP, Feuerbach (P Coast) 67-8 $\frac{1}{2}$; 2. Hognlund (Swe-UTEP) 66- $\frac{1}{4}$; 3. Bruch 63-9 $\frac{1}{2}$. DT, Bruch 210- $\frac{1}{2}$; 2. Powell (P Coast) 203-7. JT, Schmidt (P Cst) 243-9.

Pan-Pacific Satellite, Montreal, Que., July 4—400, B. Smith (NZ) 46.4 NR. 5000, Shaughnessy 13.55.6; 2. Anderson (Ore TC) 14:05.6. 110HH, Stubbs (La Tech) 13.9. HJ, Peckham (Aus) 7-1. PV, Boyd (Aus) 16-9 $\frac{1}{2}$; 2. Hamer (CP/SLO)

16-1 $\frac{1}{4}$. HT, Farmer (Aus—UTEP) 212-5 $\frac{1}{2}$; . . 3. Shuff (Ft Mac) 205-5 $\frac{1}{2}$. JT, Wallis (Ft Mac) 258-3; 2. Kouvolo (Bruce TC) 240-2 $\frac{1}{2}$.

Nykoping, Swe., July 5—100m, Garpenborg (Swe-UTEP) 10.3 =NR. 1500, Hilton (P Coast) 3:46.5. 5000, Viren (Fin) 13:42.2. 400IH, Bolding (P Coast) 50.0; 2. Steele (UCTC) 51.4. HJ, Stones (P Coast) 7-1; 2. tie, Dahlgren & Woods (Ore St) 6-11 $\frac{1}{8}$. PV, Smith (P Coast) 17-2 $\frac{3}{4}$; . . 3. tie, Blom-

qvist & Richards (P Coast) 16-1. SP, Feuerbach (P Coast) 67-3½; 2. Almstrom 65-6¾; 3. Hoglund (Swe-UTEP) 65-2; 4. Bruch 61-¾. DT, Bruch 212-4; 2. Toukko (Fin) 201-1½; 3. Powell (P Coast) 195-7. JT, Schmidt (P Coast) 235-6.

Pihtipudas, Fin., July 8—JT, Siitonen 282-5; 2. Kinnunen 268-3½; 3. Aho 265-0.

Darmstadt, W. Ger., July 10—HT, Schmidt 215-8 (first competition since severe back injury in summer of 72).

Paimio, Fin., July 10—400, Musyoki (Ken) 46.2. 800, Ouko (Ken-N Car Cent) 1:47.4; 2. Silei (Ken) 1:47.4.

Budapest, Hun., July 11—DT, Fejer 206-11½. JT, Paragi 266-6½ PR.

Spanish Championships, Barcelona, Sp., July 13-15—400IH, Soriano 50.3. LJ, Blanquer 25-9¾ =NR.

Potsdam, E. Ger., July 14-15—Dec, Kruger 7874 (10.8, 23-¾, 47-7¾, 6-4¾, 50.3, 14.8, 145-9½, 13-9½, 207-6½, 4:39.7); 2. Schreyer 7865; 3. Thiemig 7848 (48.2); 4. Apt 7750 (15-5).

Gotzis, Aut., July 14-15—Dec, Zeilbauer 8000 NR (10.9, 24-¼, 47-8¾, 6-8, 49.0, 14.4, 132-6½, 13-9½, 192-8½, 4:31.5) (at age 20, youngest ever to score 8000 points).

Cottbus, E. Ger.—DT, Pachale 217-1½ NR.

Vaplan, Swe., July 15—SP, Bruch 64-9¾. DT, Bruch 212-1½.

Richmond, B. C., July 15—HJ, Beers 7-1.

Moscow, USSR—100m, Korovin 10.1. PV, Boiko 17-¾. LJ, Kuzmyenko 25-10¾. HT, Ashmarin 231-2; 2. Korolyev 230-10. JT, Rytov 267-11½.

Great Britain 181-Greece 142-Belgium 95, Athens, Gr., July 18(a)-19(b)—400(b), Jenkins (GB) 45.8. 800(b), Clement (GB) 1:46.0 PR; 2. Carter (GB) 1:46.4; 3. Mignon (B) 1:46.8; 4. Mermigasis 1:47.0 NR. 1500(a), DeHertoghe (B) 3:40.4; 2. Puttemans (B) 3:40.4. 5000(b), Bedford (GB) 13:44.0; 2. Black (GB) 13:44.0. St(a), Kontossoros 8:29.8; 2. Davies (GB) 8:30.2. 110HH(b), Price (GB) 13.8. 400IH (a), Tziortzis 50.0; 2. Hartley (GB) 50.7. PV(b), Papanicolaou 17-¾. SP(b), Capes (GB) 66-8¾ BCR; 2. Winch (GB) 64-5¾.

Puerto Rican Champs., Ponce—1500, Colon (PR-Manh) 3:46.0. HT, Dinneen (DC Strid) 195-6½. JT, Morales 255-9.

Vastervik, Swe., July 19—SP, Bruch 64-9¾. DT, Bruch 211-3½.

Falkenberg, Swe., July 20—SP, Hoglund (Swe-UTEP) 65-2¾; 2. Bruch 63-10½. DT, Bruch 214-2.

Hungarian Champs., Budapest, July 20-21(a)-22(b) /a-b windy, rainy/—DT(a), Fejer 204-8. HT(b), Encsi 233-7; . . . 4. Zsvotzky 210-7½. JT(b), Nemeth 264-3.

East German Champs., Dresden, July 19(a)-20(b)-21(c)

22(d)—100m(b, 3.58), Bombach 10.1; 2. Schenke 10.1; 3. Kokot 10.2; 4. Droese 10.2. Heats(b): I(w)-1. Kokot 10.2. II(w)-1. Droese 10.1; 2. Weise 10.2; 3. Pfennig 10.2. III-1. Schenke 10.2. IV-1. Bombach 10.2. Semis(b): I(3.36)-1. Schenke 10.2; 2. Kokot 10.1; 3. Pfennig 10.2. II(0.89)-1. Bombach 10.0 =ER (=ER by 11 others); 2. Droese 10.1; 3. Weise 10.1; 4. Borth 10.2; 5. Jaenicke 10.2. 200(c), Bombach 20.2 NR; 2. Schenke 20.2 =NR. 800(c), Ohlert 1:47.1; 2. Fromm 1:47.1. 5000(d), Scholz 13:36.0; 2. Haase 13:40.4. 10,000(b), Haase 28:34.4. 110HH(d, 2.68), Siebeck 13.3 =NR; 2. Bethge 13.4; 3. Munkelt 13.5. Heats(c): I(3.36)-1. Siebeck 13.4; 2. Bethge 13.5. II(ok)-1. Munkelt 13.7. 400IH(c), Lasser 50.3. Heats(b): III-2. Rudolph 53.1. Semis(c): I-6. Rudolph 53.5. 20kWalk(a), Stadtmueller 1:25:21.0; 2. Reimann 1:26:35.2; 3. Frenkel 1:26:41.2; 4. Zschiegner 1:26:53.2; 5. Lipowski 1:29:42.6.

HJ(c), Junge 7-1. LJ(c), Klauss 25-9½. TJ(c), Schenk 55-1; 2. Drehmel 53-7¾. SP(d), Briesenick 69-1½; 2. Rothenburg 62-10. DT(d), Pachale 202-1; 2. Muller 202-½; 3. Losch 201-11½; 4. Schmidt 201-1½ WJR. HT(d), Theimer 240-11½; 2. Seidel 235-3½; 3. Sachse 226-3½. JT(c), Stollie 266-8.

West German Champs., Berlin, July 20-21(a)-22(b)—400(a), Honz 45.6; 2. Schloske 46.3. St(a), Maier 8:32.0. 20kWalk (b), Weidner 1:31:23.4; . . . dnf—Kannenberg. PV(b), Ohi 17-¾; 2. Kuretzky 17-¾; 3. Ziegler 17-¾. LJ(a), Baumgartner 25-8¼w. SP(b), Reichenbach 67-3½ NR; 2. Steines 64-1¼; 3. Schladen 64-½. DT(b), Hennig 206-10½; 2. Neu 201-11. HT(b), Riehm 242-8½; 2. Beyer 238-7; 3. Klein 234-9. JT(a), Wolfermann 271-½.

United States Jrs 134-Poland Jrs 89, Warsaw, Pol. July 20 (a)-21(b)—100m(a), Forbes (Leon, Tallahassee, Fla) 10.3; 2. Suggs (Tarboro, NC) 10.4. 200(b), McFarland (Parker, Chicago) 21.0; 2. Madry 21.5; . . . 4. Gilbreath (NMJC) 22.5. 400(a), Koziarz 46.9; 2. Tinner (Linc, Tacoma, Wash) 47.2; . . . 4. Robinson (Laney JC) 47.7. 800(b), Scott (Wash St) 1:48.8; 2. Francis (Bost C) 1:49.6. 1500(a), Fischer (Tex) 3:41.9; 2. Centrowitz (Power, NYC) 3:43.4. 2000mSt(b), Innes (UCLA) 5:41.8; 2. Mrozowski 5:43.0; 3. Irmen (Kent St) 5:45.4. 3000(a), Virgin (Lebanon, Ill) 8:16.0; 2. Grubbs (Ore) 8:20.2. 5000(b), Williams (Lompoc, Calif) 14:08.4; 2. Perkins (Coll, Richmond, Va) 14:08.4. 110HH(a), Shipp (LSU) 13.6; 2. Misher (LSU) 13.7. 400IH(b), Pietrzyk 50.6; 2. Schwab (Penn) 50.8; 3. Haley (Lincolndland CC) 52.8. 10km Walk(a), Kazimierski 46:37.2; . . . 3. Patton (W Kans TC) 50:34.8; 4. Mimm (Penn AC) 51:44.0.

HJ(a), Wrzoczek 6-9¾; 2 Miles (LBCC) 6-9¾; 3 Fern (Clem) 6-6¾. PV(b), Brigham (Ore) 15-9; 2. Freeman (Fla) 15-9.

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Vol. 19, No. 24, August 16, 1973. Upcoming issues of Newsletter will be mailed September 20.

LJ(b), Hardeman (Edison, Fresno, Calif) 25-3¼; 2. Thompson (Baylor) 24-0. TJ(a), Lennex (St Josephs) 51-4¼; 2. Wisniewski 50-2¼; . . . 4. Livers (Eisenhower, Norristown, Pa) 48-4. SP(a), Albritton (Stan) 59-¼; 2. Breczewski 55-10¼; 3. Neidhart (Newport Harb, N Bch, Calif) 55-1¼. DT(b), Berowski 189-6; . . . 3. Plucknett (Mo) 165-11½; 4. Miller (Ore St) 164-6. HT(b), Jackson (Penn) 200-4; 2. Golda 190-2½; . . . 4. Bartlett (Brown) 187-10½. JT(a), Ewaliko (Wash) 236-11½; 2. Dow (Sn Cal) 229-1. 400R(a), US 39.6 =WJR (Suggs, Gilbreath, Grisby, Forbes). 1600R(b), US 3:08.2 WJR (Frazier, Mondschein, Robinson, Tinner).

Brigg Mile, Southgate, G.B., July 18—Mile, Quax (NZ) 3:57.0; 2. Polhill (NZ) 3:57.4.

Rumanian Champs., Bucharest, July 21—400, Stan 46.3 NR. 110HH, Perteau 13.7 =NR; 2. Sebestyen 13.7 =NR.

Trinec, Czech.—110HH, Nadenicek 13.5. PV, Jellinek 16-11 NR.

Zug, Switz., July 21-22—Dec, Warkentin (Strid) 7662 (11.2, 23-6¾, 43-8, 6-4¾, 49.2, 15.0, 141-1, 12-9½, 199-11, 4:33.9).

French Champs., Colombes, July 20-21(a)-22(b)—800(b), Philippe (Fr-Fordham) 1:46.5 =NR; 2. Gonzalez 1:47.4. St (b), Buchheit 8:30.2; 2. Villain 8:31.4. 110HH(b, 0.0), Drut 13.7. HJ(b), Poaniewa 7-3¾ NR. PV(b), Bellot 17-¾; 2. Tracanelli (Fr-UCLA) 17-¾. LJ(a), Bonheme 26-10½w/26-2½ok; 2. Rousseau 26-7¼ok; 3. Turret 25-11w. TJ(b), Lamitie 54-7½ NR. SP(b), Brouzet 66-3¼ NR.

Siena, It., July 22—400, Newhouse (Phil PC) 45.6; 2. Sang (Ken-N Car Cent) 46.2; 3. Fiasconaro 46.5. 1500, Hilton (P Coast) 3:43.8; 2. Boit (Ken-En NM) 3:43.8; 3. Arese 3:43.8. 110HH, Milburn (Sn U) 13.1 =WB, =WAR, =AR, =CR (= records Milburn 73); 2. Buttari 13.8. HJ, Stones (P Coast) 7-1¾. DT, Powell (P Coast) 198-10½.

Prague, Czech.—110HH, Nadenicek 13.5. 400IH, Kodejs 50.4. HJ, Maly 7-1¾. PV, Jellinek 16-10. SP, Brabec 63-6¼. DT, Danek 214-7½. HT, Charvat 229-4½ NR.

USSR 121-United States 112, Minsk, USSR, July 23(a)-24 (b) /slow, rubberized asphalt track/—100m(a, 3.36), S. Williams (SDTC) 10.1; 2. Washington (Cal Int) 10.3; 3. Izmyes-tyev 10.5; 4. Ostanov 10.7. 200(b), Williams 20.8; 2. Lutz (Kans) 21.2; 3. Korovin 21.2; 4. Zhidkikh 21.6. 400(a), Redd (SDTC) 46.7; 2. Kocher 46.9; 3. Parks (UCLA) 47.3; 4. Nikanorov 48.7. 800(a), Arzhanov 1:49.2; 2. Wohlhuter (UCTC) 1:49.4 (1st 2-lap loss of 73); 3. Chernyshov 1:50.2; 4. Fulton (Tex Sn) 1:51.0. 1500(b), Wottle (B Green St) 3:41.7; 3. Wohlhuter (UCTC-ns) 3:42.0 PR; 4. Kuznyetsov 3:43.0; 5. Andreyev 3:44.9.

St(b), Savleyev 8:34.6; 2. Bite 8:36.2; 3. D. Brown (Tenn) 8:37.8; 4. Johnson (Wash-ns) 8:41.0; 5. B. Brown (Fla TC) 8:52.2. 5000(b), Sviridov 13:42.2; 2. Zhelebovskiy 13:42.6; 3. Gies (Ore TC) 13:46.0; 4. Buerkle (NYAC) 13:47.4; 5. Bringhurst (Utah-ns) 14:34.4. 10,000(a), Bodrankov 28:41.2; 2. Sharafyedinov 28:41.2; 3. Galloway (Fla TC) 28:43.6; 4. Castaneda (Colo) 29:32.8. 110HH(a, 0.0), White (Strid) 13.5; 2. Myasnikov 13.8; 3. Foster (N Car Cent) 13.8; 4. Perever-zyev 13.9. 400IH(b), Gavrilenko 49.3; 2. Bolding (P Coast) 49.6; 3. Stukalov 50.0; 4. Cassleman (Mich St) 50.0; 5. Pri- meaux (Tex-ns) 53.0. 20kmWalk(a), Ivchenko 1:35:31.6; 2.

Rezayev 1:35:17.0; 3. Ranney (unat) 1:36:35.8; 4. Brown (Colo TC) 1:37:41.0.

HJ(b), R. Brown (CP/SLO) 7-2½; 2. Woods (Ore St) 7-1½; 3. Budalov 7-¼; 4. Abramov 6-11⅛. PV(a), Lauris 17-4¾; 2. Isakov 17-¾; 3. Dias (BA Strid) 16-5; . . . dnc—Cotton (Fla) inj. LJ(b), Podluzhniy 26-5¼ PR; 2. Williams (Sn Cal) 26-½; 3. Zubkov 25-9; 4. Lanier (Cinc) 25-7½. TJ(a), Saneyev 55-2¼; 2. Bariban 54-6¾; 3. Craft (UCTC) 54-4½; 4. Byesson-ov (ns) 53-8; 5. Butts (Strid-ns) 53-4¼; 6. Tiff (UCLA) 52-10¾. SP(a), Feuerbach (P Coast) 67-10½; 2. Barishnikov 64-7¼; 3. Plunge 64-1; 4. Semkiw (Ariz St) 64-½; 5. Walker (SMU-ns) 62-6½. DT(b), Vollmer (NYAC) 198-11½; 2. Zhurba 198-2½; 3. Penzikov 196-1½; 4. Wilkins (Ore) 193-10. HT(a), Gamskiy (ns) 234-7; 2. Dmitryenko 231-9; 3. Spiridonov 229-7; 4. Hall (unat) 207-5½; 5. Wilkins (ns) 201-3½ PR; 6. Bregar (Navy) 199-2½. JT(b), Feldmann (CNW) 289-1 (278-10½, f, 241-8, 257-4, 261-5½, 289-1); 2. Lusi 286-3½ (273-3½, 262-1, 275-0, 283-5½, 284-8½, 286-3½); 3. Luke (CNW) 273-9; 4. Sitnikov (ns) 266-8½; 5. Feldmanis (ns) 266-1½; 6. Makarov 263-4½.

Dec(a-b, only 1st day performances available), Blinyayev 7980 (11.0, 23-8¼, 49-8½, 6-4¾, 52.0—4000); 2. Bennett (Eagle TC) 7958 (10.6, 24-1½, 40-2, 6-3 5/8, 47.9—4102); 3. Berendsen 7795; 4. Gough (CNW) 7491. 400R(a), US 39.2 (Washington, Hammonds, Lutz, Williams); 2. USSR 39.5 (Ostanov, Izmyes-tyev, Silovs, Borzov). 1600R(b), US 3:08.0 (Redd 48.5, Lutz 46.9, Parks 47.2, Peoples 45.4); 2. USSR 3:08.1 (Tsigankov 47.2, Nikanorov 47.6, Yudin 47.3, Kocher 46.0).

Bislett Games, Oslo, Nor., July 24—400, Sang (Ken-N Car Cent) 46.3. 800, Walker (NZ) 1:46.3; 2. Bayi (Tanz) 1:46.7NR; 3. Luzins (Quant) 1:46.9; 4. Hooker (Aus) 1:47.8. 1500, Jip-cho (Ken) 3:37.0; 2. Dixon (NZ) 3:37.3 NR; 3. Quax (NZ) 3:37.4; 4. Polhill (NZ) 3:38.2; 5. K. Kvalheim (Nor-Ore) 3:39.0; 6. Boit (Ken-En NM) 3:39.1; 7. Crouch (Aus) 3:39.1. 5000, Jipcho 13:34.6; 2. Mujaya (Tanz) 13:35.8. St, Moravcik (Czech) 8:25.6; 2. Bicourt (GB) 8:26.6; 3. Voje 8:29.8. HJ, Falkum 7-5/8 NR; 2. Heikkila (unat) 6-11½. JT, Lorentzen 268-3.

Vuosaari, Fin., July 24—100m(0.45), Vilen 10.2.

Lieska, Fin., July 24—JT, Siitonen 288-0; 2. Kinnunen 267-4½.

Polar Games, Oulu, Fin., July 24—400, Kukkoaho 45.9; 2. Karttunen 46.0. 1500, 3. Winzenried (CW) 3:45.7. 3000, Hilton (P Coast) 8:06.0. HJ, Stones (P Coast) 6-11½. JT, Schmidt (P Coast) 236-3½. DT, Bruch (Swe) 205-6; 2. Kahma 204-0; 3. Tuokko 201-½; 4. Powell (P Coast) 196-6.

July Games, Stockholm, Swe., July 25—800, Boit (Ken-En NM) 1:45.7; 2. Walker (NZ) 1:46.4; 3. Winzenried (CW) 1:46.6; 4. Luzins (Quant) 1:47.2; 5. Hooker (Aus) 1:47.5. 1500, Bayi (Tanz) 3:38.5 (1:52.5, 2:53.0); 2. K. Kvalheim (Nor) 3:38.5; 3. Ekman 3:39.6; 4. Svensson 3:39.6; 5. Polhill (NZ) 3:39.7. 2M, Puttemans (Belg) 8:16.4 (8:16.32) (3rd performance all-time world, indoors and out) (7:46.6 3000m); 2. Jipcho 8:16.4 BCR (8:16.39) (3rd performer, =3rd performance all-time world) (7:46.6 [1]); 3. Dixon (NZ) 8:17.8 NR (7:46.8 NR); 4. Gard-erud 8:20.8 (8:48.8); 5. Nyambui (Tanz) 8:27.6 (7:55.0); 6. Hilton (P Coast) 8:29.0 PR (7:54.4); 7. Viren (Fin) 8:35.4 (8:00.6); 8. O'Brien (Aus) 8:46.0 (8:00.3). (2:03.0, 2:32.0 1000, 3:48.0 1500, 5:11.0 2000). 5000, Quax (NZ) 13:28.6 NR; 2. Joakic (Nor) 13:33.8; 3. Najde 13:34.6. HJ, Stones (P

Coast) 7-3 3/8; 2. Falkum (Nor) 7-1 1/2; 3. Heikkila (unat) 6-11 1/8. SP, Feuerbach (P Coast) 68-3/4; 2. Hoglund (Swe-UTEP) 65-4; 3. Almstrom 63-8 1/2; 4. Bruch 63-3. DT, Bruch 211-6 1/2; 2. Tuokko (Fin) 201-2.

City Mile, Mottspur Park, G.B., July 25—Mile, Rose (GB-Wn Ky) 3:58.4 (3:41.6); 2. Ovet (17) 4:00.0 (GB JrR).

Nurmi Games, Turku, Fin., July 26 /attendance 9000/—400, Karttunen 46.0; 2. Bolding (P Coast) 46.1 PR. 800, Wohlhuter (UCTC) 1:47.0; 2. Boit (En NM-Ken) 1:47.3; 3. Ouko (Ken-N Car Cent) 1:48.1; 4. Winzenried (CW) 1:48.9. 1500, Wottle (B Green St) 3:39.0 (53.4 last 400); 2. Arese (It) 3:39.3 (55.0); 3. Paivarinta 3:39.6 (54.6); 4. Hilton (P Coast) 3:40.5; . . . 9. Van Dyk (CW) 3:45.2. (57.8, 1:57.4, 2:58.2). 5000, Jipcho (Ken) 13:47.4. SP, Feuerbach (P Coast) 68-4 1/2 (68-4 1/2, 66-10, 67-8 1/4, 67-1 1/4, 67-8 1/4, 66-9 1/2); 2. Stahlberg 66-10 1/2 =NR; 3. Grahn 64-3 3/4; 4. Yrjola 64- 1/4. HJ, Woods (Ore St) 7-1 7/8; 2. Alarotu (Fin-BYU) 7- 5/8. PV, Smith (P Coast) 17-2 3/4. JT, Hovinen 269-2; 2. Schmidt (P Coast) 259-7.

Kalajoki, Fin., July 26—DT, Kahma 216-5 1/2 NR (211-1, 210-3, 210-2, 209-7 1/2, f, 212-0); 2. Rinne 202-5.

Karhula, Fin., July 26—JT, Siitonen 288-4; 2. Kinnunen 262-4 1/2.

Central American & Caribbean Championships, Maracaibo, Venezuela, July 26-29—100(4.25), Quarrie (Jam-Sn Cal) 10.2; 2. Triana Matamoros (Cuba) 10.2; 3. Lawson (Jam-Idaho St) 10.2. 200(9.06), Quarrie 20.1; 2. Leonard (Cuba) 20.3 (17); 3. Bandomo (Cuba) 20.4; 4. Gonzalez (P Rico) 20.5; 5. Dill (Ber) 20.7; . . . 7. Lawson 20.9. 400, Juantorena 46.4. Semis: Juantorena 45.8. 1500, Colon (P Rico-Manh) 3:45.9. 110HH (8.66), Morales (Cuba) 13.7; 2. Nunez (Cuba) 13.8.

US Juniors 123-USSR Juniors 108, Odessa, USSR, July 27(a)-28(b)—100(a), Suggs (Tarboro, N Car) 10.5; 2. Forbes (Leon, Tallahassee, Fla) 10.6; 3. Aksinin 10.7. 200(b), Suggs 21.3; 2. McFarland (Parker, Chicago) 21.4; 3. Aksinin 21.9. 400(a), Tinner (Lincoln, Tacoma, Wash) 47.7; 2. Ivanov 47.9; 3. Farmer (LA SW JC) 48.2. 800(b), Francis (Bost C) 1:50.8; 2. Scott (Wash St) 1:50.8; 3. Abramov 1:51.2. 1500(a), Schilling (S Jose St) 3:45.9; 2. Centrowitz (Power Memorial, NYC, NY) 3:46.3; 3. Ustinovich 3:52.4.

St(b), Beklemeshev 8:47.6; 2. Irmen (Kent St) 8:53.4 PR; 3. Innes (UCLA) 8:55.4 PR. 5000(b), Virgin (Lebanon, Ill) 13:58.2 PR (3rd performer, performance all-time HS); 2. Selik 14:01.4; . . . 4. Grubbs (Ore) 14:45.4. 10,000(a), T. Williams (Lompoc, Calif) 29:55.8 PR (2nd performer, 3rd performance all-time HS); 2. Perkins (Collegiate, Richmond, Va) 29:56.0 PR (3rd performer, 4th performance all time HS); 3. Sinitsin 31:47.8. 110HH(a), Shipp (LSU) 13.9; 2. Misher (LSU) 14.1; 3. Naidenko 14.3. 400IH(b), Haley (Lincolnlnd CC) 51.3 PR; 2. Schwab (Penn) 51.7; 3. Nagainik 52.8. 10kmWaik(a), Pochenchuk 45:42.8; . . . 3. Patton (W Kans TC) 49:47.0. 4. Mimm (Penn AC) 49:55.2.

HJ(b), Kashcheyev 7- 5/8; 2. Miles (LBCC) 6-11 1/2; . . . 4. Fern (Clemson) 6-8. PV(a), Krivozub 16-8 3/4; . . . 3. Freeman (Fla) 15-5; . . . nh—Haagen (CP/SLO). LJ(a), Mikhailov 24-9; 2. Harde man (Edison, Fresno, Calif) 24-6; . . . 4. Thompson (Baylor) 23-3. TJ(b), Brigadnyy 52-10 1/4; 2. Oghandzhanov 52-7 1/2; 3. Lennex (St Joseph's) 52-7 1/4 AJrR (old AJrR 52-6 1/4 Tucker [San Joaquin Memorial, Fresno, Calif] 70); 4. Livers (Eisenhower, Norristown,

Pa) 49-11 1/4. SP(b), Albritton (Stan) 60-10 1/4; 2. Khmelidze 57- 1/4; 3. Neidhart (Newport Beach, Newport Harbor, Calif) 55-6 1/2. DT(a), Vichor 182-6 1/2; . . . 3. Plucknett (Mo) 160-4; 4. Miller (Ore St) 149-2. HT(a), Sedykh 217-8; . . . 3. Jackson (Penn St) 196-6; 4. Bartlett (Brown) 184-7. JT(b), U. Donins 245-3; 2. Ewaliko (Wash) 241-1 1/2; . . . 4. Dow (Sn Cal) 229-7. Dec(a-b), Brigham (Ore) 7402; 2. Buryayov 7330; . . . 4. Stebbins (Coll-egeville, Pa) 6547. 400R(a), United States 46.2 (McFarland, Suggs, Grisby, Forbes—dropped baton); . . . disq—USSR. 1600 R(b), United States 3:09.6 (Frazier, Farmer, Robinson, Tinner).

Paimio, Fin., July 28—200(4.14), Karttunen 20.4 NR.

West Germany "B" 187 1/2-Belgium 138-Holland 96 1/2, Kerk-rade, Holl., July 28—SP, Steines (WG) 64-3. DT, Neu (WG) 200-7.

League, Blackburn, G.B., July 28—HT, Williams (GB) 233-7 BCR.

Karlskrona, Swe.—100, Garpenborg (Swe-UTEP) 10.3=NR. 800, Boit (Ken-En NM) 1:45.8; 2. Winzenried (CW) 1:46.4; 3. Dyce (Jam-United AA) 1:47.0.

Walcz, Pol.—1000, Kupczyk 2:18.7 NR.

Ylivieska, Fin., July 29—DT, Kahma 217-6 NR (8th performer all-time world) (217-6, 216-5, 216-8, 208-4, f, 210-1—avg. 213-9 9/16); 2. Tuokko 210-5.

Kausala, Fin., July 29—SP, Yrjola 63-11.

Seinajoki, Fin., July 29—100, Smith (Cal Int) 10.3. 800, Wottle (B Green St) 1:51.3. 3000, Arese (It) 8:16.8; 2. Paiva-rinta 8:17.0; 3. Viren 8:19.8. SP, Grahn 63-7 1/2.

Mikkeli, Fin., July 29—400, Bolding (P Coast) 47.3; 2. Ouko (Ken-N Car Cent) 47.8; 3. Musika (P Coast) 47.9. 1500, Hilton (P Coast) 3:44.8. St, Kuha 8:43.2. HJ, Stones (P Coast) 7-2 5/8; 2. Woods (Ore St) 7-2 5/8. PV, Smith (P Coast) 17-6 3/4; 2. Kallio-maki 17-4 3/4. SP, Feuerbach (P Coast) 67-11 1/2. JT, Siitonen 298-7 1/2 (283-4 1/2, 288- 1/2, 269-2 1/2, 283-0, 298-7 1/2, 284-4 1/2); 2. Schmidt (P Coast) 254-11.

July Games, Helsinki, Fin., July 30 /attendance 16,100/—100, Smith (Cal Int) 10.3; 2. Vilen 10.4. Heats: II-1. Smith 10.3. 400, Kukkoaho 45.7; 2. Karttunen 45.8. 1500, Dixon (NZ) 3:37.5 (54.5); 2. Jipcho (Ken) 3:37.8; 3. Walker (NZ) 3:38.0; 4. Wottle (B Green St) 3:38.0; 5. Hilton (P Coast) 3:38.6; 6. Polhill (NZ) 3:39.0; 7. Wohlhuter (UCTC) 3:39.2 PR; 8. Paivarinta 3:39.2; 9. K. Kvalheim (Nor-Ore) 3:39.6; 10. Boit (Ken-En NM) 3:42.5 (54.4, 1:52.6, 2:55.0); 11. Van Dyk (CW) 3:43.7. 5000, Quax (NZ) 13:27.2 NR (54.4); 2. Viren 13:28.8; 3. Ala-Korpi 13:29.8; 4. Nikkari 13:38.6; 5. Bedford (GB) 13:39.8 (inj); . . . 9. Fredriksson (Swe-Int U) 13:59.6. St, Kantanen 8:26.6; 2. Ala-Leppilampi 8:32.0; 3. Kuha 8:33.2. 400IH, Bolding (P Coast) 49.7; 2. Salin 51.4. HJ, Stones (P Coast) 7- 5/8; . . . 5. tie, Woods (Ore St) 6-8 3/8. PV, Kalliomaki 16-8 3/4; . . . nh—Smith (P Coast) (inj). SP, Feuerbach (P Coast) 67-3. DT, Kahma 210-7 1/2; 2. Powell (P Coast) 204.0. JT, Siitonen 308-1 =NR (-2nd performance all-time world) (294-2, 308-1, f, p, p, p). 2. Hovinen 270-8 1/2; 3. Schmidt (P Coast) 266-9 1/2.

Lappeenanta, Fin., July 31—SP, Stahlberg 66 2/2.

Berlin, E.G., July 31—800, Fromm 1:46.2; 2. Stolle 1:47.2; 3. Mignon (Belg) 1:47.4. 5000, Kuschmann 13:29.4; 2. Herm-ens (Belg) 13:32.4; 3. Scholz 13:33.2; 4. Lismont (Belg) 13:36.6. 110HH, Munkelt 13.7. HJ, Palkovsky (Czech) 7- 5/8;

... Tarmak (SU) 6-6%. LJ, Klaus 26-3; 2. Vaananen (Fin) 26-2½; 3. Lauterbach 26-1. TJ, Saneyev (SU) 55-7; 2. Drehmel 54-5½. SP, Briesenick 68-9¼; 2. Capes (GB) 67-2 BCR; 3. Rothenburg 65-¾. DT, Pachale 200-½.

France 217-Great Britain 192, Sotteville, Fr., Aug. 4 /leading performers from both nations at European Cup semifinals same day—St. Davies (GB) 8:28.0; 2. Villain 8:31.8. LJ, Rousseau 25-11¼. HT, Accambray (Fr-Kent St) 217-10.

European Cup Semifinal, Celje, Yug., Aug. 4(a)-5(b) /fully-automatic electrical timing/—100m(a, -0.22), Hirscht (WG) 10.7; 2. Nowosz (Pol) 10.7; 3. Vilen (Fin) 10.8. 200(b), Karttunen (Fin) 21.0; 2. Hofmeister (WG) 21.2; ... 4. Werner (Pol) 21.4. 400(a), Honz (WG) 45.3; 2. Kukkoaho (Fin) 45.7; 3. Susanj 45.9; 4. Podobas (Pol) 46.3. 800(b), Susanj 1:48.9; 2. Wellmann (WG) 1:49.6; 3. Kupczyck (Pol) 1:50.0. 1500(a), Wessinghage (WG) 3:50.3 (3:50.34); 2. Szordykowski (Pol) 3:50.4 (3:50.39); 3. Vukomanovic 3:50.5 (3:50.50); 4. Paivarinta (Fin) 3:50.5 (3:50.52). St(b), Kantanen (Fin) 8:30.4; 2. Maranda (Pol) 8:31.8; 3. Maier (WG) 8:32.6. 5000(b), Norpoth (WG) 13:47.8; 2. Paivarinta 13:47.8; 3. Korica 13:48.8; 4. Malinowski (Pol) 13:51.2; 5. Alvarez (Sp) 13:59.6. 10,000(a), Uhlemann (WG) 28:30.0; 2. Malinowski 28:30.4 NR; 3. Zuntar 28:39.2; 4. Viren (Fin) 29:17.4; ... dnf—Haro (Sp). 110HH(a), (?)Wodzinski (Pol) 14.2. 400IH(b), Hewelt (Pol) 50.4; 2. Reibert (WG) 51.0.

HJ(a), Pesonen (Fin) 6-10¼; 2. Doster (WG) 6-10¼. PV(b), Kalliomaki (Fin) 17-9¾ NR (10th performer all-time world); 2. tie, Dhl (WG) & Kozakiewicz (Pol) 17-¾. LJ(a), Baumgartner (WG) 25-8¾. TJ(b), Joachimowski (Pol) 53-8. SP(a), Reichenbach (WG) 66-2½; 2. Stahlberg (Fin) 66-1; 3. Komar (Pol) 62-9½. DT(b), Kahma (Fin) 213-0; 2. Neu (WG) 200-½; ... 4. Pecar 188-11. HT(a), Riehm (WG) 234-3; 2. Kangas (Fin) 231-7½ NR. JT(b), Siitonen (Fin) 292-½; 2. Wolfermann (WG) 286-1. 400R(a), West Germany 39.4; 2. Poland 39.6. 1600R(b), West Germany 3:03.0; 2. Yugoslavia 3:03.5; 3. Poland 3:04.8. Teams (top 2 qualify for Cup final): West Germany 103½; 2. Finland 88; 3. Poland 83½; 4. Yugoslavia 63; 5. Switzerland 45; 6. Spain 37.

European Cup Semifinal, Oslo, Nor., Aug. 4(a)-5(b)—100m(a), Greza (Hun) 10.2; 2. Mennea (It) 10.3. 200(b), Mennea 20.7; 2. Jenkins (GB) 20.8. 400(a), Jenkins 45.2 NR; 2. Brydenbach (Belg) 45.9; 3. Kocher (SU) 46.2; 4. Fiasconaro (It) 46.2. 800(b), Arzhanov (SU) 1:46.4; 2. Carter (GB) 1:46.6; 3. Mignon (Belg) 1:47.6; ... disq—Fiasconaro (2 false starts!). 1500(a), Arese (It) 3:39.5; 2. K.Kvalheim 3:39.8; 3. Mignon 3:40.1; 4. Banning (GB) 3:41.0. St(b), Bite (SU) 8:27.0; 2. Hollings (GB) 8:27.8; 3. Fava (It) 8:28.8 NR; 4. Thys (Belg) 8:29.6; 5. Voje 8:31.4. 5000(b), Puttemans (Belg) 13:25.2; 2. Zhelobovskiy (SU) 13:30.2 NR; 3. A.Kvalheim 13:30.4 NR; 4. Del Buono (It) 13:30.4; 5. Clarke (GB) 13:47.2. 10,000(a), Sviridov (SU) 28:19.8; 2. Plain (GB) 28:27.0; 3. Roelants (Belg) 28:27.4. 110HH(a), Price (GB) 13.7; 2. Myasnikov (SU) 13.9. 400IH(b), Stukalov (SU) 50.5.

HJ(a), Major (Hun) 7-5/8; ... 4. Gavrilov (SU) 6-9½. PV(b), Isakov (SU) 16-8¾. LJ(a), Podluzhniy (SU) 26-7¼ PR; 2. Flogstad 26-3¾ NR. TJ(b), Bariban (SU) 54-4¾; 2. Langeland (Nor-BYU) 51-1. SP(a), Capes (GB) 66-1¼; 2. Voikin (SU) 65-1¼. DT(b), Fejer (Hun) 198-7½; 2. Simeon (It) 195-8. HT(a), Bon-

darchuk (SU) 229-5½; 2. Encsi (Hun) 224-4. JT(b), Lusia (SU) 280-7; 2. Travis (GB) 265-3½; 3. Nemeth (Hun) 264-10; 4. Lorentzen 256-11½. 400R(a), Italy 39.0; 2. Soviet Union 39.4; 3. Great Britain 39.6. 1600R(b), Soviet Union 3:07.4; 2. Italy 3:08.0. Teams: Soviet Union 98½; 2. Great Britain 80½; 3. Italy 72½; 4. Hungary 62; 5. Norway 57½; 6. Belgium 48.

European Cup Semifinal, Nice, Fr., Aug. 4(a)-5(b) /fully-automatic electrical timing; attendance 12,500(a), 15,000(b)/—100m(a), Echevin 10.5; 2. Garpenborg (Swe-UTEP) 10.5; 3. Bombach (EG) 10.6. 200(b), Bombach 21.1; 2. Matousek (Cze) 21.2; 3. Garpbenborg 21.3. 400(a), Demarthon 46.2. 800(b) Fromm (EG) 1:45.7 (52.1, 1:18.8); 2. Philippe (Fr-Fordham) 1:45.8 NR; 3. Ghipu (Rum) 1:46.4 NR (Junior); 4. Svensson (Swe) 1:47.4. 1500(a), Justus (EG) 3:49.0; 2. Boxberger 3:49.3. St(b), Garderud (Swe) 8:16.2 ER,NR (old ER 8:18.4 Garderud 73—acceptance of 8:16.2 in doubt, some question as to legality of water pit); 2. Buchheit 8:26.0; 3. Moravcik (Cze) 8:26.6; 4. Cefan (Rum) 8:34.8. 5000(b), Scholz (EG) 13:38.0. 10,000(a), Haase (EG) 29:08.8; 2. Jansky (Cze) 29:10.0. 110HH(a), Drut 13.6; 2. Munkelt (EG) 14.0; ... 5. Nadenicek (Cze) 14.6. 400IH(b), Kodes (Cze) 49.9 NR.

HJ(a), Poaniewa 7-2¼; 2. tie, Junge (EG) & Maly (Cze) 7-1½; 4. Dahlgren (Swe) 7-5/8. PV(b), Isaksson (Swe) 17-2¾; 2. Tracanelli (Fr-UCLA) 16-8¾. LJ(a), Bonheme 25-11½; 2. Klaus (EG) 25-11; 3. Broz (Cze) 25-10¾. TJ(b), Lamitie 53-11¾; ... 3. Schenk (EG) 53-3¾. SP(a), Briesenick (EG) 67-10¼; 2. Brouzet 65-11; 3. Brabec (Cze) 65-5½; 4. Hoglund (Swe-UTEP) 63-10¼. DT(b), Bruch (Swe) 213-4½; 2. Danek (Cze) 205-0; 3. Velez (Bulg) 202-11½; 4. Pachale (EG) 194-½. HT(a), Theimer (EG) 234-3½; 2. Manolov (Bulg) 230-½. JT(b), Tuita 268-½. 400R(a), East Germany 39.3 (Kokot, Droese, Bombach, Schenke); 2. France 39.3 (Sainte-Rose, Rechal, Ducasse, Echevin); 3. Czechoslovakia 39.8. 1600R(b), Sweden 3:04.4 NR; 2. East Germany 3:04.9 NR; 3. France 3:05.6; 4. Czechoslovakia 3:06.6 NR. Teams: East Germany 98½; 2. France 90; 3. Czechoslovakia 76; 4. Sweden 72; 5. Rumania 42; 6. Bulgaria 41½.

United States 111-Africa 101, Dakar, Senegal, Aug. 4(a)-5(b) /hot and humid; fully-automatic electrical timing/—100m(a), S.Williams 10.2 (10.15); 2. Meite (I Coast) 10.5; 3. Mwebi (Ken) 10.6; 4. Hammonds 10.7. 200(b), Williams 20.9; 2. Lutz 21.2; 3. Mwebi 21.4; 4. Asati (Ken) 21.4. 400(a), Asati 46.2; 2. Peoples 46.3; 3. Sang (Ken-N Car Cent) 46.7; 4. Redd 48.9. 800(b), Silei (Ken) 1:46.2; 2. Kipkurgat (Ken) 1:46.7; 3. Fulton 1:51.3; 4. Geis 1:52.3. 1500(a), Jipcho (Ken) 3:37.7; 2. Bayi (Tanz) 3:37.9; 3. Fulton 3:50.7; 4. Liquori 3:59.4. St(b), Jipcho 8:24.8; 2. D. Brown 8:42.0; 3. Mogaka (Ken) 8:51.2; 4. B. Brown 8:53.4. 5000(a), Yifter (Eth) 13:54.0; 2. Mose (Ken) 13:57.2; 3. Buerkle 14:08.0; 4. Geis 14:53.6. 10,000(b), Yifter 29:09.4; 2. Juma (Ken) 29:15.4; 3. Galloway 29:21.0; 4. Castaneda 30:05.4. 110HH(a), White 13.6; 2. Foster 13.6; 3. Kimaiyo (Ken) 13.9; 4. Sarr (Sen) 14.5. 400IH(b), Akii-Bua (Uga) 49.1; 2. Cassleman 49.9; 3. Koskei (Ken) 50.0; 4. Primeaux 51.8.

HJ(b), Brown 7-5/8; 2. Miles 6-11½; 3. Faye (Gamb) 6-10¼; 4. Wasughe (Som) 6-4¾. PV(a), Cotton 16-1; 2. Dias 16-1; 3. Gheta (Eg) 15-1¼; 4. Goudiaby (Sen) 13-1½. LJ(a), Lanier 26-4¼ PR; 2. Okoro (Nig) 24-5; 3. Faye 24-3¼; 4. Gough

24-1½. TJ(b), Butts 54-2; 2. Dia (Sen) 53-11; 3. Tiff 53-2½; 4. Munabi (Uga) 53-¾. SP(a), Semkiw 64-6¾ PR; 2. Asaad (Eg) 64-¾; 3. Walker 60-8¾; 4. Niare (Mali) 53-2½. DT(b), Vollmer 193-0; 2. Wilkins 190-10½; 3. Niare 174-4; 4. Asaad 170-3. HT(a), Hall 203-9; 2. Bregar 196-6; 3. Luzira (Uga) 166-1; 4. Ochola (Uga) 157-10½. JT(b), Feldmann 274-8½; 2. Mayaka (Ken) 248-4 NR; 3. Aye (I Coast) 233-1; 4. Ewaliko 231-8½. 400R(a), United States 39.3; 2. Africa 39.9. 1600R(b), Africa 3:06.8 (Nyamau, Sang, Musyoki, Asati—all Kenya); 2. United States 3:07.1 (Lutz, Cassleman, Primeaux, Parks).

Warsaw, Pol.—200(w), Werner 20.6. PV, Kozakiewicz 17-¾. LJ, Miedzalek 26-1½. TJ, Joachimowski 55-2½. SP, Komar 60-7¾.

Znamenskiy Memorial, Leningrad, USSR, Aug. 3-5—800, Dyce (Jam-United AA) 1:47.0. 1500, Oulimov 3:39.9. HH, Pereverdyev 13.8. HJ, Abramov 7-3 3/8. DT, Lyakhov 200-8½. HT, Malyukov 236-5.

Stockholm, Swe., Aug. 7—400, Carlgren 46.1; 2. Faager (Swe-Int U) 46.3. 800, Wohlhuter (UCTC) 1:45.1; 2. Dyce (Jam-United AA) 1:46.1; 3. Winzenried (CW) 1:46.2; 4. Luzins

(Quant) 1:46.8; 5. S.Svensson 1:47.3; 6. A.Svensson 1:47.6. 1500, Dixon (NZ) 3:37.8; 2. Walker (NZ) 3:38.1; 3. K.Kvalheim (Nor-Ore) 3:39.0; 4. Hansen (Den) 3:40.4; 5. LaBenz (P Coast) 3:41.0. 5000, Puttemans (Belg) 13:14.6 (2nd performance all-time world) (2:33, 5:14, 7:56, 10:36); 2. Quax (NZ) 13:18.4 NR (5th performer, 7th performance all-time world); 3. Garderud 13:32.8 NR. HJ, Stones (P Coast) 7-1½. PV, Smith (P Coast) nh. SP, Feuerbach (P Coast) 68-10¾. DT, Bruch 214-7½.

Viareggio, Italy, Aug. 8—100m, Williams (SDTC) 10.3 (10.31e). 800, Wohlhuter (UCTC) 1:45.8; 2. tie, Boit (Ken-En NM) & Dyce (Jam-United AA) 1:46.5. 400, Sang (Ken-N Car Cent) 46.1. 3000, Arese 7:56.8. HH, Nadenicek (Cze) 13.7; 2. Foster (N Car Cent) 13.8; 3. Liani 13.8. IH, Pascoe (GB) 49.8. DT, Bulev (Bulg) 203-2½.

Karlstaad, Swe., Aug. 9—3000, Dixon (NZ) 8:00.6; 2. Quax (NZ) 8:00.8; 3. Garderud 8:01.6. HJ, Stones (P Coast) 7-3 3/8. PV, Smith (P Coast) 17-10½ (best outdoor mark in world for 73). DT, Bruch 215-2½; 2. Danek (Cze) 203-1.

HIGH SCHOOL OUTDOOR NEWS

AC, Fairfield, Calif., June 3—DT, Burton (Vacaville) 188-10. Meet of Champions, Philadelphia, Pa., June 9—SpMedR, Coatesville 3:28.9; 2. Archbishop Carroll, Radnor 3:30.3; 3. Overbrook, Philadelphia 3:30.4.

AC, Fairfield, Calif., June 10—DT(int), 5. Burton (Vacaville) 168-8 (junior class record).

AC, Terre Haute, Ind., June 15—PV, Hunter (Northrop, Ft Wayne) 15-7. 4MR, North Vigo, Terre Haute 17:34.0.

Hayward Field Restoration, Eugene, Ore., June 20—4MR, South, Eugene 17:36.2.

AC, Pleasant Hill, Calif., July 10—DT, Burton (Vacaville) 194-10 (198-0 extra throw).

International, Savonlinna, Fin., July 11—5000, 7. Close (Monte Vista, Spring Valley, Calif) 14:50.2.

Finnish Junior Championships, Helsinki, Fin., July 17—5000, 3. Aguirre (Madison, S Diego, Calif) 14:52.6; . . . 6. Close (Monte Vista, Spring Valley, Calif) 14:54.0. 10,000, Breen (Clairemont, S Diego, Calif) 30:50.8 (5th performer, 6th performance all-time HS). St. Mowry (Madison, S Diego, Calif) 9:15.4 (2nd performer, performance all-time HS) (junior class record); 2. Bajaras (Vista, Calif) 9:15.8 (3rd performer, performance all-time HS). TJ, Banks (Oceanside, Calif) 48-11.

AC, Pleasant Hill, Calif., July 17—Burton (Vacaville) 191-11

(196-9 extra throw).

AC, Chicago Heights, Ill., July 19—HJ, Ruebel (Highland, Ind) 6-10.

AC, Spokane, Wash., July 19—LJ, Delago (Rogers, Spokane) 24-5.

AC, Eugene, Ore., July 20—6M, McChesney (South, Eugene) 29:54.4.

AC, Collegeville, Pa., July 20—TJ, Jordan (Overbrook, Philadelphia) 51-1.

Regional Junior Olympics, Moline, Ill., July 22—HJ, Shaw (Jeffersonville, Ind) 6-11 (soph class record).

AC, Seattle, Wash., July 24—St, Buttle (Bothell) 9:33.0. DT, Christensen (West, Bremerton) 188-2.

AC, Hartford City, Ind., July 25—PV, Hunter (Northrop, Ft Wayne) 16-0.

US-USSR Junior, Odessa, USSR, July 27—5000, 3. Centrowitz (Power Memorial, NYC, NY—guest) 14:17.0.

AC, Woodland Hills, Calif., July 27—3M, 3. Serna (Loara, Anaheim) 14:10.6 (soph record). SP(16), Doupe (Inglewood) 56-1. AC,

AC, Fairfield, Calif., Aug. 5—DT, Burton (Vacaville) 205-8 HSR (old HSR 201-3 Adams [Los Altos, Calif] 70). DT(int), Burton 168-6.

UNITED STATES OUTDOOR AMENDMENTS

Trojan Invitational, Los Angeles, Calif., April 14—Pent, 2. Sobieszczyk 3514; 3. Bakley 3362.

Penn Relays, Philadelphia, Pa., April 25-26—Dec, Evans 7821.

Western Athletic Conference, Provo, Utah, May 9-10—Dec, Pihl 7498; 2. Backman 7232 (11.0, 22-8½, 40-6¼, 6-4¼, 51.1, 15.1, 126-6, 13-5½, 175-8, 5:04.9); 3. Lythell 7113 (11.2, 22-6¾, 36-6¼, 6-4¼, 50.3, 15.4, 137-5, 13-5½, 177-3, 5:04.0); 4. Alarotu (BYU-Fin) 6754 (6-10¼); 5. Shetty (UTEP-India) 6669.

AC, Monmouth, Ore., May 15-16—Dec, Stephens (6-6 3/8).

Ohio Valley Conference, Morehead, Ky., May 18—100, Heats: Copeland (Mid Tenn St) 9.4.

NCAA College Division, Crawfordsville, Ind., May 31(a)-June 1(b)-2(c)—100, Semis(b): I(3.7)-1. Riddick 9.4. II(2.92)-1. Amerison 9.4. 220, Heats(a): II-1. Hardware 21.0. III-1. Amerison 21.0. Semis(c): II(6.89)-1. Riddick 20.8; 2. Amerison 21.0. 440, Heats(a): III-1. Lyles 47.1. Semis(b): I-1. Lyles 46.1; 2. Bennett (LeMoyne-Owen) 47.1; 3. Frazier 47.1. II-1.

Jones 46.7. HH(a): III-1. Larry 14.0. IV-1. Milburn 13.8. Semis(b): I-1. Milburn 13.2; 2. Jackson 14.0. II-1. Jones 13.9; 2. Turner 13.9. IH, Heats(b): I-1. Stevenson 51.6; 2. Slevin 51.8. TJ(c, w), 7. Fernandez (S Fran St) 50-3/4; 8. Geredine (NE Mo St) 50-1. Qual(b, ok): Montgomery 50-1/2, Jenkins 50-1/2. SP, Qual(a): Turri 58-3/4, Arendell 58-2/2. DT, Qual(b): Hjeltnes 177-5. HT, Qual(a): Moore 189-6, McCollum 186-3, Cramer 183-2. 440R, Heats(b): I-1. Norfolk State 40.2. II-1. Lincoln 40.8.

USTFF, Wichita, Kans., June 1-2-Dec, Bennett (125-6, 195-4); 2. Jenner 777.0 (146-4, 197-9); 3. Sobiesczyk 7623 (137-9, 197-3); 4. Bahr 7303 (10.7, 22-7/4, 51-1, 5-11/4, 49.8, 17.5, 167-0, 12-6, 169-8, 5:05.8); 5. Whitson 7118 (11.2, 23-2/4, 41-3/4, 5-9/4, 51.5, 15.8, 111-11, 16-1/4, 199-3, 5:05.4); 6. Riddle 6989; 7. Huggins 6802; 8. Baker 6764; 9. Hill 6760.

NCAA, Baton Rouge, La., June 7-9 / a significant number of changes in timing were produced by examination of Accutrack photos. Other changes were produced when meet officials took 100th-second Data-Times and rounded down those from x.x1-x.x4. The ATFS and T&FN policy is treat these times as if they were on an ordinary hand-held stopwatch. i.e., anything past the 10th marker is rounded upwards to the next 10th/-220, 2. Tinker 20.9; ... 4. Breddell 21.2; 5. Pouncy 21.3; ... disj-Wells 21.9 [6]. Semis: I-1. Dill 20.7; 2. Quarrie 20.9; 3. Wells 20.9. II-1. Reid 20.7; ... 4. Breddell 20.9. 440, 3. Schultz 46.0; ... 6. Sowerby 46.7. Heats: I-2. Parks 46.7; 3. Randle 46.7; 4. Rowe 47.1; 5. Murphy 47.1. II-2. Lyles 46.2. III-3. Sowerby 46.7; 4. Eneyart 46.9; 5. Brown 47.4; 6. Campbell 47.5; 7. Blake 47.8. 880, 2. Mango 1:47.3; ...

4. Garrison 1:48.3; 5. Brown 1:48.4; 6. Bence 1:48.6; 7. Clark 1:49.0; 8. Scott 1:49.2. Heats: I-1. Kent 1:47.9; 2. Scott 1:48.0. II-1. Mango 1:48.8; ... 5. Lowrey 1:49.9; 6. Gibson 1:50.6. III-1. Brown 1:47.9; ... 5. Venev 1:50.0. Mile, 3. McAfee 3:57.9; 4. Ebba 3:57.9; 5. Popejoy 3:58.6; 6. Schilling 3:58.7. Heats: I-1. Cummings 4:01.0; 2. Wottle 4:02.1; ... 5. Heidenreich 4:04.4. II-1. Kvalheim 4:01.8; 2. McAfee 4:02.1; ... 4. Schilling 4:03.2. III-1. Ebba 4:04.1; ... 5. Daggatt 4:04.7. Steeple, 2. Cramer 8:45.4. 3M, 7. Martin 13:31.0. Heats: I-2. Ngeno 13:24.0; 3. Gittings 13:30.4. II-4. Gregorio 13:29.2. III-5. Duffy 13:44.2. 6M, 5. Leddy 28:35.0. HH, 4. Rich 13.6; ... 6. Lightfoot 13.7; 7. Jackson 13.7. IH, Primeaux 49.6; 2. Collins 50.0; 3. Cassleman 50.1; ... 7. Fasules 51.7; 8. Jackson 51.8. Heats: I-3. Fasules 51.6; 4. Guerrero 51.9; 5. Hinton 52.5; 6. Yates 52.6. II-6. Mondschein 52.4. III-1. Cassleman 50.6; 2. Cronholm 50.7; ... 4. Gailey 51.8; ... 6. Oveson 52.5; 7. tie, Ankeny & Curry 52.8. 440R, Memphis State 39.7; 2. Arizona State 39.7; ... 6. Penn State 40.1; 7. Texas 40.1; 8. Norfolk State 40.1. Heats: I-2. Texas 39.8; ... 4. UCLA 40.2; ... 6. California 40.6; 7. Michigan State 40.6. II-3. SMU 39.9; ... 5. Indiana 40.5. III-1. Southern Cal 39.7. MileR, UCLA 3:04.4 (Brown 44.9); ... 4. Tennessee 3:07.2 (Bond 44.8); 5. TCU 3:07.3 (Williams 46.2); 6. Southern Cal 3:08.1 (Richardson 46.7); 7. Texas A&M 3:08.5 (Blackmon 46.7); 8. Norfolk State 3:10.5 (Neely 47.7, Colbert 47.0). Heats: I-1. Texas 3:06.3 (Jackson 46.5); 3. Texas A&M 3:10.8. II-5. Southern Illinois 3:10.3; 6. Indiana 3:11.3. III-1. UCLA 3:06.0 (Brown 45.9).

WORLD OUTDOOR AMENDMENTS

International Military (CISM)—1500(c), 3. Crane (Ft Mac) 3:45.1. 5000(c), 6. Wagenbach (US Navy) 13:56.2. HT(b), 4. Shuff (Ft. Mac) 207-5/2. JT(b), 4. Wallis (Ft Mac) 239-10/2. 400R(c), US (Hill, Harris, Thomas, Nuttall). Heats(a): I-1. US 39.7. 1600R(a), 2. US (Cornell, Rogers, Anderson, Wilson).

Rosicky Memorial, Prague, Czech., June 19—200(w), Bombach (EG) 20.6. 400, Juantorena (Cuba) 46.0; 2. Musika (P Coast) 47.0. 110HH, Cech 13.5; 2. Morales (Cuba) 13.6; 3. Nunez (Cuba) 13.8. 400IH, 2. Gavrilyenko (SU) 50.1; 3. Kodajs 50.3; 4. Kulczycki (Pol) 50.3. HJ, Stones (P Coast) 7-2/4; 2. Maly 7-1. SP, 2. Brabec 65-4. DT, 2. Danek 193-3. JT, Csik (Hun) 269-3/2; 2. Schmidt (P Coast) 261-10/2.

Kusocinski Memorial, Warsaw, Pol., June 20(a)-21(b)—100m (b), Nowosz 10.1. St(b), 4. Bicourt (GB) 8:31.8; 5. Maranda 8:32.4; 6. Davies (GB) 8:33.6; 7. Chudecki 8:35.0. 110HH (b), 5. Munkelt (EG) 13.8. Heats(b): I(w)-1. L. Wodzynski 13.5; 2. Mazepa 13.8. II(ok)-1. M. Wodzynski 13.5. 400IH (b), Bolding (P Coast) 49.3; 2. Kulczycki. 5000(b), 8. Hilton (P Coast) 14:01.4. LJ, Qual(b): Miedzialek 25-9/2w, Cybulski 25-8/4ok. TJ, Qual(b): Joachimowski 54-5/4. Dec, Skowronek (45-9/4 SP); 2. Katus (13.8HH windy, does not match decathlon best; 15-1/2 PV)

Guadeloupe Games, Capesterre (not Point a Pierre).

Helsinki 4-way, June 18(a)19(b)—400(a), Kukkoaho (Fin) 46.1; 2. Karttunen (Fin) 46.1 PR; ... 4. Fiasconaro (It) 46.6; 5. Sang (Ken-N Car Cent) 47.2. 800(b), Fiasconaro 1:46.3; 2. Ouko (Ken-N Car Cent) 1:48.2; ... 4. Arese (It) 1:50.1; ... disj—Omwanza (Ken) 1:44.2 (race run with 3-turn stagger; Omwanza mistakenly cut after 100m, gaining some 20m or 2-2/2 sec). 1500(a), Paivarinta (Fin) 3:46.8; 2. Arese 3:47.2; 3. Boit (Ken-En NM) 3:47.4. St(b), 2. Mogaka (Ken) 8:24.2; 3. Kantanen (Fin) 8:29.2; 4. Ala-Leppilampi (Fin) 8:33.2. 5000(b), Del Buono (It) 13:30.8; 2. Mose (Ken) 13:31.4; 3. Viren (Fin) 13:32.8. 10,000(a), Juma 28:10.0. 400IH(a), Koskei (Ken) 50.3.

PV(b), Kuretzky (WG) 17-2/4; 2. Ohi (WG) 17-3/4. LJ(b), Baumgartner (WG) 26-4/2. TJ(a), Kuukasjarvi (Fin) 54-0. SP(b), Yrjola (Fin) 63-6/4; 2. Schladen (WG) 63-6/4. DT(a), Kahma (Fin) 205-3; 2. Hennig (WG) 204-8/2; 3. Kuovo (Fin) 200-8/2. HT(b), Riehm (WG) 231-1. JT(a), Siitonen (Fin) 285-9; 2. Hovinen (Fin) 274-7.

Munich, W. Ger., June 24—1000m, Wellmann 8th performer all-time world.

1973 WORLD LIST

This list contains the top performers and performances in the world since Jan. 1, 1973, indoors and out, amateur and professional. It contains all marks reported to T&FN by August 15. Performers within the performances section (denoted by an underscore) are listed chronologically. The rest of the performers are listed alphabetically when credited with the same mark.

Marks in the 200, 400 (flat and hurdles), 800, 400 relay and 1600 relay are directly converted from the 220 (0.1), 440 (0.3), 880 (0.7), 440 relay (0.2) and mile relay (1.1). Marks in the 10, 1500, 5000 and 10,000 have rough conversions and rather than being converted to metric equivalents, yard marks are placed in positions of relative merit.

100 METERS

9.1y	Steve Williams (SDTC)	20.4*	Quarrie	1:44.9*
10.0	Aleksandr Kornelyuk (SU)	20.4*	Mark Lutz (Kans)	1:44.9
10.0	Michael Droese (EG)	20.4*	Marshall Dill (Mich St)	1:45.1
10.0	Hans-Jurgen Bombach (EG)	20.4	Michael Droese (EG)	1:45.1
9.2y	Herb Washington (Cal Int)	20.4	Williams	1:45.2
9.2y	Ivory Crockett (Phil PC)	20.5*	Ossi Karttunen (Fin)	1:45.2
9.2y	Williams	20.5	Wardell Gilbreath (NMJC)	1:45.3
10.1	Masahide Jinno (Japan)	20.5*	Pietro Mennea (Italy)	1:45.3
10.1	Manfred Kokot (EG)	20.6	Steve Riddick (Norf St)	1:45.3
10.1	Sergey Korovin (SU)	20.6	Valeriy Borzov (SU)	1:45.3
10.1	Silvio Leonard (Cuba)	20.6*	Karl Honz (WG)	1:45.3
10.1	Pablo Montes (Cuba)	20.6	Glen Love (Ind)	1:45.3
10.1	Siegfried Schenke (EG)	20.6*	Rudy Reid (Trin)	1:45.4
10.1	Jose Triana (Cuba)	20.6*	Tom Reid (Baptist)	1:45.4
10.1	Eberhard Weise (EG)	20.6*	Dennis Schultz (Okla St)	1:45.6
9.3y	Guy Abraham (NMJC)	20.6*	Gerald Tinker (Kent St)	1:45.7
9.3y	James Amerison (Linc)	20.6	Jose Triana (Cuba)	1:45.8
9.3y	Hasely Crawford (Trin)	19.8*	Wind-aided:	1:45.9
9.3y	Ed Hammonds (MemSt)	19.9*	Carl Lawson (Jam)	1:45.9
9.3y	Carl Lawson (Jam)	20.1	Gerald Tinker (Kent St)	1:46.0*
9.3y	Kent Merritt (Va)	20.3*	Quarrie	1:46.0
9.3y	Kofi Okyir (Gha)	20.3*	Dennis Schultz (Okla St)	1:46.1
9.3y	Sandy Osei-Agyeman (Gha)	20.3	Mark Lutz (Kans)	1:46.1
9.3y	Don Quarrie (Jam)	20.4	Silvio Leonard (Cuba)	1:46.2
9.3y	Steve Riddick (Norf St)	20.4*	Barbaro Bandomo (Cuba)	1:46.3
9.3y	Carter Suggs (NCarHS)	20.5*	Barry Miller (Idaho St)	1:46.3
9.3y	Gerald Tinker (Kent St)	20.5*	James Amerison (Linc)	1:46.3
9.3y	Gerald Tinker (Kent St)	20.5*	Vince Breddell (S Jose St)	1:46.3
9.3y	Thomas Whatley (Ala)	20.5*	Benny Brown (UCLA)	1:46.4
9.3y	Ronnie Williams (CP/Pom)	20.5	Charles Ducasse (Fr)	1:46.4
Wind-aided:		20.5	Guillermo Gonzalez (P Rico)	
9.9	Felix Mata (Wen)	20.5*	Delario Robinson (Kans)	

400 METERS

9.1y	Dennis Schultz (OKlaSt)	44.7*	Benny Brown (UCLA)	3:34.6
9.1y	Kent Merritt (Va)	44.7*	Maurice Peoples (Ariz St)	3:34.6
9.1y	Gerald Tinker (Kent St)	44.7*	Peoples	3:35.7
9.1y	Schultz	44.7*	Peoples	3:35.7
9.1y	Larry Burton (Purdue)	44.9*	Fred Newhouse (Phil PC)	3:35.7
9.1y	Williams	44.9*	Brown	3:36.2
9.1y	Don Quarrie (Jam)	45.0*	Karl Honz (WG)	3:36.2
10.0	Jaroslav Matousek (Cze)	45.2	Dave Jenkins (GB)	3:36.6
9.2y	Guy Abraham (NMJC)	45.2	Peoples	3:36.6
9.2y	Chris Brathwaite (Trin)	45.3*	Brown	3:36.8
9.2y	Gus Brisco (Ariz)	45.4*	Horst-Rudiger Schloske (WG)	3:36.8
9.2y	Willie Deckard (Cal Int)	45.4	Newhouse	3:36.8
9.2y	Dave Gilliard (Cal Int)	45.4	Karl Farmer (LASWJC)	3:36.8
9.2y	Joe Laws (Sn III)	45.5	Maxie Parks (UCLA)	3:36.8
9.2y	Carl Lawson (Jam)	45.5	Dennis Schultz (Okla St)	3:37.2
9.2y	Mark Lutz (Kans)	45.5*	Marcello Fiasconaro (Italy)	3:37.2
9.2y	Bill Mason (Kent St)	45.6	Alberto Juantorena (Cuba)	3:37.2
9.2y	Norbert Payton (BA Strid)	45.6	Markku Kukkoaho (Fin)	3:37.2
9.2y	Steve Pettes (Okla St)	45.6	James Redd (SDTC)	3:37.7
9.2y	Harold Porter (SWn La)	45.6	Mike Singletary (Strid)	3:37.7
9.2y	Chuck Smith (Cal Int)	45.6*	Don Sturgal (Tex)	3:37.7
9.2y	Larry Stinson (SWnOkSt)	45.6*	Willie Lyles (Linc)	3:37.8
9.2y	Errol Stewart (Jam)	45.7*	Kim Rowe (Jam)	3:37.8
9.2y	Dean Williams (Kans St)	45.7*	Darwin Bond (Tenn)	3:38.0
		45.8	Larance Jones (NE Mo St)	3:38.0
		45.8	Ossi Karttunen (Fin)	3:38.1
		45.8	Francis Musyoki (Ken)	3:38.2
		45.8	Dariusz Podobas (Pol)	3:38.2

800 METERS

20.1*	Carl Lawson (Jam)	1:43.7	Marcello Fiasconaro (Italy)	8:14.0
20.1*	Don Quarrie (Jam)	1:43.9*	Rick Wohluter (UCTC)	8:16.2
20.2	Hans-Jurgen Bombach (EG)	1:44.4*	Danie Malan (S Afr)	8:18.0
20.2	Siegfried Schenke (EG)	1:44.4*	Fiasconaro	8:18.4
20.3*	Steve Williams (SDTC)	1:44.7		8:20.8
20.3*	Williams			
20.4	Fred Newhouse (Phil PC)			
20.4*	Ivory Crockett (Phil PC)			
20.4*	Willie Deckard (Cal Int)			
20.4*	Chuck Smith (Cal Int)			

8:21.2	Garderud
8:23.8	Tapio Kantanen (Fin)
8:24.0	Evans Mogaka (Ken)
8:24.6	Jipcho
8:24.8	Jipcho
8:25.6	Spyridon Kontosoros (Gr)
8:25.6	Dusan Moravcik (Cze)
8:26.0	Gerard Buchheit (Fr)
8:26.0	Willi Maier (WG)
8:26.2	Gheorge Cefan (Rum)
8:26.2	Willi Wagner (WG)
8:26.4	Kerry O'Brien (Aus)
8:26.6	John Bicourt (GB)
8:26.8	Doug Brown (Tenn)
8:27.0	Romualdas Bite (SU)
8:27.2	Barry Brown (Fla TC)
8:27.6	Kazimierz Maranda (Pol)
8:27.8	Steve Hollings (GB)
8:28.0	John Davies (GB)
8:28.0	Michael Karst (WG)
8:28.8	Franco Fava (Italy)
8:29.0	Bob Hendy (Aus)
8:29.0	Sergey Skripka (SU)
8:29.6	Jan Kondzior (Pol)
8:29.6	Paul Thys (Belg)
8:29.8	Ryuji Koyama (Jap)
8:29.8	Sverre Sornes (Nor)
8:29.8	Jan Vojte (Nor)
8:30.0	Vladimir Dudin (SU)

1500 METERS

3:34.6	Filbert Bayi (Tanz)
3:52.0y	Ben Jipcho (Ken)
3:52.6y	Bayi
3:35.7	Bayi
3:53.3y	Dave Wottle (B Green St)
3:36.2	Wottle
3:36.6	Jipcho
3:36.8	Tom B. Hansen (Den)
3:36.8	Jacques Boxberger (Fr)
3:36.8	Francesco Arese (Italy)
3:36.8	Wottle
3:37.2	Pekka Paivarinta (Fin)
3:54.6y	Steve Prefontaine (Ore)
3:37.3	Rod Dixon (NZ)
3:54.7y	John Hartnett (Eire)
3:37.4	Dick Quax (NZ)
3:37.7	Mike Boit (Ken)
3:37.7	Rolf Gysin (Switz)
3:37.7	Len Hilton (P Coast)
3:37.8	Haico Scharn (Hol)
3:37.8	Vladimir Pantyeley (SU)
3:38.0	Andre DeHertoghe (Belg)
3:38.0	John Walker (NZ)
3:38.1	Paul-Heinz Wellmann (WG)
3:38.2	Tony Polhill (NZ)
3:38.4	Johannes Mohamed (Eth)
3:38.5	Knut Kvalheim (Nor)
3:38.6	Pavel Penkava (Cze)
3:39.0	Gheorge Ghipu (Rum)
3:39.1	Graham Crouch (Aus)
3:39.1	Jean-Pierre Dufuesne (Fr)

5000 METERS

13:14.6	Emiel Puttemans (Belg)
13:16.0	Puttemans
13:18.4	Dick Quax (NZ)
13:19.6	Puttemans
13:20.6	Harald Norpoth (WG)
13:22.4	Steve Prefontaine (Ore)
12:53.4y	Prefontaine
13:23.2	Paul Mose (Ken)
13:23.6	Prefontaine
13:23.8	Brendan Foster (GB)
13:24.6	Dave Black (GB)
12:59.8y	Dick Buerkle (NYAC)
13:28.0	Lasse Viren (Fin)
13:29.0	Paul Geis (Ore TC)
13:29.4	Manfred Kuschmann (EG)
13:29.6	Pekka Paivarinta (Fin)
13:29.8	Risto Ala-Korpi (Fin)
13:30.2	Mikhail Zhelobovskiy (SU)
13:30.4	Gianni Del Buono (Italy)
13:30.4	Arnie Kvalheim (Nor)
13:31.0	Ian Stewart (GB)
13:31.2	Jos Hermens (Holl)
13:32.0	Josef Jansky (Cze)
13:32.8	Anders Garderud (Swe)
13:33.0	Nyambue Mujaya (Tanz)
13:33.2	Wilfried Scholz (EG)
13:33.8	Ivan Joakic (Yug)
13:34.6	Ben Jipcho (Ken)
13:34.6	Bengt Najde (Nor)
13:34.6	Valentin Zotov (SU)

STEEPLECHASE

8:14.0	Ben Jipcho (Ken)
8:16.2	Anders Garderud (Swe)
8:18.0	Jipcho
8:18.4	Garderud
8:20.8	Jipcho

10,000 METERS

27:31.0	Dave Bedford (GB)
27:58.6	Nikolay Sviridov (SU)
27:59.8	Pavel Andreyev (SU)
28:01.0	Vadim Mochalov (SU)
27:09.4y	Steve Prefontaine (US)

1973 WORLD LIST (2)

<p>28:10.0 Richard Juma (Ken) 28:15.2 Juma 28:15.8 Petris Simonelis (SU) 28:16.4 Paul Mose (Ken) 28:17.8 Lasse Viren (Fin) 28:18.0 Mariano Haro (Sp) 28:18.6 Jurgen Haase (EG) 28:18.6 Seppo Tuominen (Fin) 28:19.4 Tony Simmons (GB) 28:19.8 Lachie Stewart (GB) 28:20.6 Bernie Plain (GB) 27:20.8y Gordon Minty (GB) 28:21.6 Anatoliy Bodrankov (SU) 27:22.4y Ted Castaneda (Colo) 27:22.4y Jeff Galloway (Fla TC) 27:23.0y Scott Bringham (Utah) 28:25.8 Gennadiy Chlistov (SU) 28:25.8 Abdelkader Zaddem (Tun) 28:27.0 Noel Tijou (Fr) 28:27.2 Lucian Rault (Fr) 28:27.4 Gaston Roelants (Belg) 28:28.6 Emiel Puttemans (Belg)</p> <p>HIGH HURDLES</p> <p>13.0y Rod Milburn (Sn U) 13.1 Milburn 13.1 Milburn 13.1y Milburn 13.2y Milburn 13.2y Thomas Hill (Ft Mac) 13.3 Milburn 13.3y Milburn 13.3y Milburn 13.3y Milburn 13.3y Frank Siebeck (EG) 13.4 Raimund Bethge (EG) 13.4 Mirosław Wodzyński (Pol) 13.4y Charles Foster (N CarCent) 13.4y Ricky Stubbs (La Tech) 13.4y Tommy Lee White (Strid) 13.5 Guy Drut (Fr) 13.5 Petr Cech (Czech) 13.5 Klaus Fiedler (EG) 13.5 Thomas Munkelt (EG) 13.5 Lubomir Nadenicek (Cze) 13.5 Berwyn Price (GB) 13.5 Charles Rich (UCLA) 13.5y Scottie Jones (Tex A&M) 13.5y Danny Smith (Bah) 13.5y Gregg Vandaveer (Kans) 13.6 Willie Davenport (BRTC) 13.6 Jan Holtzhausen (S Afr) 13.6 Fatwell Kimayio (Ken) 13.6i Yevgeniy Mazyepa (SU) 13.6 Juan Morales (Cuba) 13.6 Leszek Wodzyński (Pol) 13.6y Jeff Howser (Fla TC) 13.6 Larry Shipp (LSU) 13.6 Leszek Wodzyński (Pol) 13.6y Jeff Howser (Fla TC) 13.6y Godfrey Murray (Jam)</p> <p>Wind-aided:</p> <p>13.3 Guy Drut (Fr) 13.4y Delario Robinson (Kans) 13.4y Gregg Vandaveer (Kans) 13.4y Jerry Wilson (Sn Cal) 13.5y Ralph Fisher (Neb) 13.5y Tom McMannon (N Dame)</p> <p>INTERMEDIATE HURDLES</p> <p>48.5 John Akii-Bua (Uga) 48.8 Jim Bolding (P Coast) 49.1 Akii-Bua 49.2 Bolding 49.3* Robert Primeaux (Tex) 49.3* Ralph Mann (Strid)</p>	<p>49.3 Bolding 49.3 Akii-Bua 49.3 Akii-Bua 49.3 Bolding 49.3 Yevgeniy Gavriyenko (SU) 49.5 Alan Pascoe (GB) 49.5* Wes Williams (SDTC) 49.7* Bruce Collins (Penn) 49.7 Dmitriy Stukalov (SU) 49.8 Bob Cassleman (Mich St) 49.9* Efren Gipson (Lamar) 49.9 Mirosław Kodes (Cze) 50.0* Mike Cronholm (Rice) 50.0 William Koskei (Ken) 50.0 Stavros Tziortzis (Gr) 50.1 Tadeusz Kulczycki (Pol) 50.2 Silver Ayo (Uga) 50.2 Jerzy Hewelt (Pol) 50.2 Viktor Savchenko (SU) 50.2* Bob Steele (UCTC) 50.2* Mike Sullivan (Ala) 50.3 Manuel Soriano (Sp)</p> <p>MARATHON</p> <p>2:11:12 John Farrington (Aus) 2:12:03 Frank Shorter (Fla TC) 2:12:24 Eckhard Lesse (EG) 2:13:24 Yoshinobu Kitayama (Jpn) 2:13:30 Brian Armstrong (Can) 2:13:58 Ferdie LeGrange (S Afr) 2:14:06 Morita Yoshiaki (Jpn) 2:14:53.4 Jack Foster (NZ) 2:14:55.6 Kenji Kimihara (Jpn) 2:15:47.8 Mizukami (Jpn) 2:15:48 Doug Schmenk (ELATC) 2:15:53 Yoshiaki Unetani (Jpn) 2:16:03.2 Jon Anderson (Ore TC) 2:16:07 Lutz Philipp (WG) 2:16:07.4 Hans-Joachim Truppel (EG) 2:16:15 John Vitale (NHTC)</p> <p>HIGH JUMP</p> <p>7-6 5/8 Dwight Stones (P Coast) 7-5 Stones 7-5 Stones 7-4 3/4 i John Radetich (ITA) 7-4 5/8 Stones 7-4 1/2 Tom Woods (Ore St) 7-4 1/2 Stones 7-4 1/2 Stones 7-4 Rey Brown (CP/SLO) 7-4 Stones 7-4 Woods 7-3 Vladimir Abramov (SU) 7-3 Paul Poaniewa (Fr) 7-3 Robert Joseph (Ariz) 7-3i Claude Ferragne (Can) 7-3i Istvan Major (Hun) 7-3i Kestutis Sapka (SU) 7-2 3/4 Kurt Nielsen (Neb) Wes 7-2 5/8 Viktor Bolshov (SU) 7-2 5/8i Csaba Dosa (Rum) 7-2 5/8i Valentin Gavrilov (SU) 7-2 5/8i Stefan Junge (EG) 7-2 5/8i Vladimir Maly (Cze) 7-2 5/8 Ni Chih-chin (China) 7-2 5/8i Jiri Palkovsky (Cze) 7-2 5/8i Juri Tarmak (SU) 7-2 5/8 Vladimir Zhuravlyev (SU)</p> <p>POLE VAULT</p> <p>18-3/4 Steve Smith (P Coast) 17-11i Smith 17-10 3/4 Smith 17-9 3/4 Antti Kalliomaki (Fin) 17-9 Smith 17-9 Smith</p>	<p>17-9 Yuriy Isakov (SU) 17-8 3/4 Smith 17-8 1/4 Renato Dionisi (Italy) 17-8i Smith 17-7i Smith 17-7i pBob Seagren (ITA) 17-6 Wladyslaw Kozakiewicz (Pol) 17-6 Francois Tracanelli (Fr) 17-6 Hans-Jurgen Ziegler (WG) 17-6 Mike Cotton (Fla) 17-6 Bob Richards (P Coast) 17-6 Dave Roberts (Rice) 17-5 Pawel Iwinski (Pol) 17-5 Kjell Isaksson (Swe) 17-4 Janis Lauris (SU) 17-4i Chris Papanicolaou (Gr) 17-4i Reinhard Kuretzky (WG) 17-4i Jean-Michel Bellot (Fr) 17-4i Tadeusz Olszewski (Pol) 17-4 Terry Porter (Kans) 17-4 Larry Jesse (Strid)</p> <p>LONG JUMP</p> <p>27-1i pHenry Hines (ITA) 27-1/2 James McAlister (UCLA) 26-9 1/4 i pBob Beamon (ITA) 26-9 1/4 i pHines 26-9 1/4 Randy Williams (Sn Cal) 26-8 1/2 Hans Baumgartner (WG) 26-8 1/4 Williams 26-7 1/2 pBeamon 26-7 1/2 McAlister 26-7 1/2 Jacques Rousseau (Fr) 26-7 1/2 Valeriy Podluzhnyi (SU) 26-5 1/2 Norm Tate (NYPC) 26-5 1/2 Stan Whitley (Cal Int) 26-4 Al Lanier (Cinc) 26-4 Jozef Miedzialek (Pol) 26-3 Chris Commons (Aus) 26-3 Kristen Flogstad (Nor) 26-3 Max Klauss (EG) 26-2 1/2 Jean-Francois Bonheme (Fr) 26-2 1/2 Bill Rea (Pitt) 26-1 1/2 Danny Brabham (Baylor) 26-1 1/2 Grzegorz Cybulski (Pol) 26-1 Wolfram Lauterbach (EG) 26-1 Stefan Lazarescu (Rum) 26-1 Jaroslav Broz (Cze) 26-1 Gerald Hardeman (Calif HS) 26-1/2 Alan Lerwill (GB) 25-11 1/2 Kingsley Adams (Gha) 26-2 1/2 Ari Vaananen (Fin) 25-11 1/2 i pHenry Jackson (ITA) 25-11i Wesly Smith (La Tech) 25-10 1/2 Finn Bendixen (Nor)</p> <p>Wind-aided:</p> <p>27-9 Randy Williams (Sn Cal) 26-10 1/2 Jenn-Francois Bonheme (Fr) 26-9 1/2 Danny Brabham (Baylor) 26-9 1/2 McAlister 26-5 1/2 Finn Bendixen (UCLA) 26-4 Al Lanier (Cinc) 26-4 Bill Rea (Pitt) 26-3 Josh Owusu (Ghana) 26-0 Jeff Bolin (Purdue) 26-11 1/2 Wesly Smith (La Tech)</p> <p>TRIPLE JUMP</p> <p>55-11 1/2 Michal Joachimowski (Pol) 55-9 1/2 Gustavo Platt (Cuba) 55-8 John Craft (UCTC) 55-7 Viktor Saneyev (SU) 55-5 1/2 Carol Corbu (Rum) 55-5 1/2 Mikhail Bariban (SU) 55-5 Joachimowski 55-3 Sanayev 55-2 1/2 Joachimowski</p>	<p>55-1 1/2 Corbu 55-1 Heinz-Gunther Schenk (EG) 54-7 1/2 Bernard Lamitie (Fr) 54-7 1/2 Eugeniusz Biskupski (Pol) 54-6 1/2 Andrzej Sontag (Pol) 54-5 1/2 Jorg Drehmel (EG) 54-4 1/2 Barry McClure (M Tn St) 54-4i Nikolay Sinichkin (SU) 54-4 Milan Tiff (UCLA) 54-2 1/2 Mansour Dia (Sen) 54-1 1/2 Gennadiy Byessonov (SU) 54-1 1/2 Armando Herrera (Cuba) 54-0 Pentti Kuukasjarvi (Fin) 53-11 Anatoliy Boiko (SU) 53-11 Serban Ciocina (Rum)</p> <p>Wind-aided:</p> <p>54-4 Nikolay Sinichkin (SU) 54-4 Apostolos Kithiniotis (Gr)</p> <p>SHOT PUT</p> <p>71-7 Al Feuerbach (P Coast) 71-1 1/2 Feuerbach 70-10 1/2 i pBrian Oldfield (ITA) 70-10 Feuerbach 70-9 1/2 pOldfield 70-9 pOldfield 70-4 1/2 Feuerbach 70-2 Feuerbach 69-11 1/2 i pOldfield 69-11 1/2 i pOldfield 69-9 1/2 George Woods (P Coast) 69-1 1/2 Hartmut Briesenick (EG) 69-1/2 pFred DeBernardi (ITA) 68-9 1/2 pKarl Salb (ITA) 68-1 1/2 pRandy Matson (ITA) 67-7 Hans Hoglund (Swe) 67-5 1/2 Valeriy Voikin (SU) 67-3 1/2 Ralf Reichenbach (WG) 67-2 Geoff Capes (GB) 67-1/2 Wladyslaw Komar (Pol) 66-11 1/2 Gerd Lochmann (EG) 66-10 1/2 Reijo Stahlberg (Fin) 66-9 1/2 Hans Almstrom (Swe) 66-6 1/2 Jaroslav Brabec (Cze) 66-4 Jesse Stuart (Wn Ky) 66-3 1/2 Yves Brouzet (Fr) 66-3 1/2 Aleksandr Barishnikov (SU) 65-11 1/2 Bruce Wilhelm (NYAC) 65-10 1/2 Ricky Bruch (Swe)</p> <p>DISCUS</p> <p>221-8 1/2 Ricky Bruch (Swe) 219-0 John Powell (P Coast) 218-8 Powell 218-7 Powell 217-11 1/2 Bruch 217-6 Pentti Kahma (Fin) 217-2 Bruch 217-1 1/2 Siegfried Pachale (EG) 216-10 1/2 Bruch 216-10 Powell 216-9 Jay Silvester (Intmtn TC) 215-2 1/2 Markku Tuokko (Fin) 214-7 1/2 Ludvik Danek (Cze) 214-2 Tim Vollmer (NYAC) 212-6 Mac Wilkins (Ore) 209-6 Silvano Simeon (It) 209-2 Ken Stadel (Rice) 209-0 John Van Reenen (S Afr) 208-10 Veljo Kuusemää (SU) 207-9 Iosif Naghi (Rum) 207-5 Gary Ordway (P Coast) 206-9 Jim Penrose (BA Strid) 206-5 Kenneth Ekesson (Swe) 205-7 Art Swarts (Shore AC) 205-6 Vytautas Jaras (SU)</p>
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1973 WORLD LIST (3)

HAMMER

246-8½	Anatoliy Bondarchuk (SU)	308-1	Siitonen
243-3	Bondarchuk	299-7	Janis Lasis (SU)
243-½	Aleksey Spiridonov (SU)	298-7½	Siitonen
242-9½	Valentin Dmitryenko (SU)	298-4	Cary Feldmann (CNW)
242-8½	Karl-Hans Riehm (WG)	295-4	Siitonen
241-10½	Bondarchuk	293-9	Siitonen
241-0	Bondarchuk	292-½	Siitonen
240-11½	Reinhard Theimer (EG)	290-10	Sam Colson (Kans)
240-9½	Vasiliy Khmyelevskiy (SU)	284-3	Jorma Kinnunen (Fin)
238-7	Uwe Beyer (WG)	283-2	Bill Schmidt (P Coast)
237-9½	Iosif Gamskiy (SU)	280-7	Seppo Hovinen (Fin)
236-5	Aleksey Malyukov (SU)	278-6½	Bjorn Grimnes (Nor)
236-4	Valeriy Valentyuk (SU)	277-1	Jorma Jaakola (Fin)
235-4½	Jochen Sachse (EG)	274-8	Fred Luke (CNW)
235-3½	Manfred Seidel (EG)	274-2½	Bela Nemeth (Hun)
234-0	Todor Manolov (Bulg)	273-8	Greg Geraci (Phil TC)
233-8½	Edwin Klein (WG)	270-9½	Ershov (SU)
232-7½	Romuald Klim (SU)	270-1½	Lech Krupinski (Pol)
232-1	Lutz Caspers (WG)	270-0	Urs von Wartburg (Switz)
231-½	Janusz Rys (Pol)	269-11½	Bernard Werner (Pol)
230-10	Stanislaw Lubiejewski (Pol)	269-3½	Jozsef Csik (Hun)

DECATHLON

8208	Ryszard Skowronek (Pol)
8188	Lennart Hedmark (Swe)
8140	Yves LeRoy (Fr)
8121	Jeff Bennett (Eagle TC)

JAVELIN

308-8	Klaus Wolferrmann (WG)
308-1	Hannu Siitonen (Fin)

8100	Aleksandr Blinyayev (SU)	39.3	East Germany
8061	Skowronek	39.3	France
8040	Bennett	39.3	United States
8021	Ryszard Katus (Pol)	39.4*	Memphis State
8016	Toomas Berendson (SU)	39.4	Poland
8000	Sepp Zeilbauer (Aut)	39.4	West Germany
7938	Steve Gough (CNW)	39.5*	Arizona State
7927	Vladimir Scherbatikh (SU)	39.5*	Southern Cal
7905	Regis Ghesquiere (Belg)	39.5*	Southwestern Louisiana

1600 RELAY

7876	Petr Kratky (Czech)	3:02.8	United States
7874	Dieter Kruger (EG)	3:03.0	West Germany
7865	Stefan Schreyer (EG)	3:03.3*	UCLA
7848	Frank Thiemig (EG)	3:03.5	Yugoslavia
7844	Ludek Pernica (Czech)	3:03.9*	Texas
7838	Rudolf Ziegert (SU)	3:03.9*	Arizona State
7831	Hannu Kyosola (Fin)	3:04.4	Sweden
7821	Ron Evans (Conn)	3:04.6*	Texas

400 RELAY

38.7*	Philadelphia PC	3:04.8	Poland
38.9	United States	3:04.9*	San Diego TC
39.0	Italy	3:04.9	East Germany
39.1	United States	3:05.2*	Tennessee
39.2	United States	3:05.3*	North Carolina Central TC
39.3*	Norfolk State	3:05.6	France
39.3	Soviet Union	3:05.9*	Adelphi

1976 US OLYMPIC TEAM PREDICTIONS

Some of the braver TN subscribers have submitted their choices for the 1976 US Olympic team. Some of the picks are very surprising. Here are the top three (the team) in

- 100** Steve Williams-Carter Suggs, Ed Hammonds-Thomas Whatley.
- 200** Steve Williams, Wardell Gilbreath, Mike McFarland-Larry Black-Mark Lutz.
- 400** Benny Brown, Karl Farmer, Ronald Ray-Maurice Peoples-James Redd.
- 800** Dale Scott-Rick Wohlhuter, Rick Brown.
- 1500** Mark Schilling, Dave Wottle, Len Hilton.
- Steeple** Doug Brown, Jim Johnson, Barry Brown.
- 5000** Steve Prefontaine-Paul Geis, Craig Virgin.
- 10,000** Ted Castaneda, Frank Shorter, Scott Bringham-Jeff Galloway.
- HH** Larry Shipp, Thomas Hill-Charles Foster.
- IH** Jim Bolding, Ralph Mann-Robert Primeaux.

each event. Names connected with a dash (-) received equal ranking. Those separated by a comma (,) indicate a specific preference by the voters.

- Mar** Frank Shorter, Jon Anderson, Jeff Galloway-Doug Schmenk.
- HJ** Dwight Stones, Tom Woods-Rey Brown.
- PV** Steve Smith, Mike Cotton, Dave Roberts.
- LJ** Randy Williams, Al Lanier, James McAlister-Bill Rea-Gerald Hardeman.
- TJ** Barry McClure, John Craft, Milan Tiff.
- SP** Al Feuerbach, Ron Semkiw, George Woods-Jesse Stuart-Terry Albritton.
- DT** John Powell, Tim Vollmer-Mac Wilkins.
- HT** Ted Bregar-Steve DeAutremont, Alvin Jackson.
- JT** Cary Feldmann, Sam Colson, Fred Luke-Bill Schmidt.
- Dec** Jeff Bennett, Craig Brigham, Ron Evans.

TRACKSTATS MARKET-PLACE

1973 ATFS Annual will not be available from T&FN. It may be purchased directly from the publisher: Verlag Bartels & Wernitz KG, 1 Berlin 65, Reinickendorfer Strasse 113, Postfach 65 03 80, West Germany. As always, the publication contains the top performers (100) and performances in the world, plus national record listings for major nations, an all-time world

list and major meet results (this 73 annual covers the 72 season). As an added attraction this year, each list will contain the personal data (height, weight, birthdate) for nearly every performer. The cost is 6DM (about \$2.64 at current exchange rates), but to be on the safe side it is probably best to send \$3.00 if American currency is used.