

TRACK NEWSLETTER

Supplementing TRACK & FIELD NEWS

Vol. 13, No. 2

August 25, 1966

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Quality Fields in European Championships

by R. L. Quercetani

The eighth edition of the European Championships--a quadrennial meet--will be run off at Budapest, Aug. 30 through Sept. 4. In some cases, nominations are not final, especially as regards runners who may double (e.g., 100/200 or 5000/10,000). For each event, we give a general comment, with season's bests, and our predictions for the first three finishers.

100-meters--Just as in 1962, there is no clear-cut favorite. Roger Bambuck of France (10.2 and 10.0w) wants to emulate Christiaan Berger, Martinus Osendarp and Heinz Futterer, i.e., the men who scored a sprint double in earlier editions. Olympic finalist Wieslaw Maniak of Poland (10.3), West German champ Manfred Knickenberg (10.3, and 10.2w) and the 1962 winner, Claude Piquemal of France (10.3) are other leading contenders. Marian Dudziak of Poland (10.3) could beat most if not all of them, but he will probably concentrate on the 200. Possible darkhorses are Pasquale Giamattasio of Italy (10.3) and Harald Eggers of East Germany (10.2). Britons and Russians have not been prominent so far, but one of them could surprise. Forecast: 1. Bambuck; 2. Knickenberg; 3. Maniak.

200-meters--Dudziak beat the Americans at Warsaw last year and recently returned to action to clinch the Polish title in 20.8. He looms as the most dangerous rival of Bambuck (20.8), a consistent sub-21 man. France has another good prospect in Jean-Claude Nallet (20.8), 19. European record holder Sergio Ottolina of Italy (21.0) has shown indifferent form so far. Knickenberg won the West German title here too (20.9w). Other possible finalists are Russian record holder Amin Tuyakov (21.0), Fritz Roderfeld (20.9w) and Sepp Schwarz (21.0) of West Germany. Forecast: 1. Bambuck; 2. Dudziak; 3. Nallet.

400-meters--Andrzej Badenski of Poland (45.8) looked almost unbeatable until a few weeks ago but then went down to defeat first to Stanislaw Gredzinski (46.0), then to 20-year-old Jan Werner, also of Poland. Werner suddenly improved from 47.0 to 45.7. Big Gredzinski, compared to Werner, is a more experienced one-lap runner and Badenski can still point to the most effective record. West Germans Siegfried Konig (46.0), 1960 Olympic finalist Manfred Kinder (46.2) and Rolf Krusmann (46.4) may join the Poles to make a clean sweep, but Jean-Pierre Boccardo of France (46.7) and Olympic finalist Tim Graham of Britain (47.1y) could well interfere. Forecast: 1. Badenski; 2. Gredzinski; 3. Kinder.

800-meters--European record holder Franz-Josef Kemper (1:44.9) is the logical favorite. He should win regardless of pace, being both a big kicker and a fast man throughout (he achieved his record leading from bell to tape with laps of 53.2 and 51.7). Noel Carroll of Ireland (1:47.4y), a veteran of US boards and cinders, seems very fit. British duo Chris Carter (1:47.1) and John Boulter (1:46.5) should play a leading role. Olympic finalist Dieter Bogatzki (1:46.5) and Czech Tomas Jungwirth (1:47.3) are other strong contenders. Jurgen May of East Germany will probably concentrate on the 1500. Forecast: 1. Kemper; 2. Carroll; 3. Carter.

1500-meters--This should be one of the highlights of the meet. European record holder Michel Jazy of France (3:36.3 twice) will surely have his hands full in trying to defend his 1962 title. Jurgen May (3:38.0) would be very hard to beat if he could reproduce his December form, when he beat Kipchoge Keino twice in New Zealand. Given the caliber of the field, a new world record is within the realm of possibilities, but more probable, however, is a slightly tactical race with a spirited finish. Big Bodo Tummler of West Germany (3:42.3) has several seconds tucked up his sleeve, even beyond his 1965 best of 3:39.5. Olympic silver medalist Josef Odlozil of Czechoslovakia, who recently beat Jean Wadoux and Jazy (times: 3:37.6, 3:37.7, 3:38.3), is an opportunist and can be dangerous. Alan Simpson of Britain (3:39.8) has always been close to the very best and should be in it once more. Olyeg Raiko (3:38.7) and Mart Vilt (3:39.0) of the USSR have shown fluctuating form recently. Witold Baran (3:39.5) is back in stride. His countryman Henryk Szordykowski (3:41.7) is a good darkhorse. Forecast: 1. Tummler; 2. Jazy; 3. Odlozil.

5000-meters--A most difficult race to predict. If perfectly fit,

European record holder Jazy (13:38.2 this year) should be favored, but (1) he does not look as springy as ever right now and (2) the 5000 will come after the 1500. Harald Norpoth of West Germany may seem a long-shot prospect for first, considering his time of 13:43.8, but he has good endurance and is a big kicker. Gemmadiy Khlistov (13:47.4) and Kestutis Orentas (13:46.8) of the USSR, Bill Wilkinson (13:39.6) and Allan Rushmer (13:07.6m) of Britain should be leading contenders and the home favorite Lajos Mecser (13:36.6) should also be hard to beat. Derek Graham of Northern Ireland (rumored for Great Britain) (13:47.6) may be dangerous if still in the money in the final stages. Lech Boguszewicz of Poland (13:44.4) is a veteran who has always done well, but without sparkles. Siegfried Hermann of East Germany, a great but too often frustrated runner, will probably be entered. Forecast: 1. Norpoth; 2. Khlistov; 3. Graham.

10,000-meters--Gaston Roelants of Belgium, the European record holder (28:20.2 this year), will try this event before defending his steeplechase title. He recently beat Jurgen Haase of East Germany, who has the year's fastest time in Europe (28:12.6). Bruce Tulloh of Britain, who won the 5000 in the 1962 meet, has a six-mile best of 27:23.8 and will be a man to watch. Hungary's Mecser finished behind Tulloh at the British AAA meet, also in 27:23.8 but is able to cut one minute off that mark. Leonid Mikityenko (28:41.4) and Nikolay Dutov (28:50.0) will be Russia's candidates. West Germans Manfred Letzerich (28:58.8), Peter Kubicki (28:47.8) and Lutz Philipp (28:53.2) are other leading contenders. Forecast: 1. Roelants; 2. Mecser; 3. Dutov.

3000-meter steeplechase--Roelants has the year's fastest time (8:27.2) and will probably run his usual front race. Viktor Kudinskiy, the Russian champ (8:30.8), will try to hang on and then unleash his patented finishing kick. Anatoliy Kuryan (8:31.2) and Maurice Herriot (8:32.8) should be in the main action. Javier Alvarez Salgado of Spain (8:38.4) is a darkhorse, more or less like Istvan Joni of Hungary (8:37.8). Manfred Letzerich of West Germany (8:32.0) and Guy Texereau of France (8:32.2) ran a great race under the rain at Berlin not long ago. Forecast: 1. Roelants; 2. Kudinskiy; 3. Kuryan.

110-meter hurdles--Eddy Ottoz of Italy (13.6 thrice) is our favorite. Veteran Anatoliy Mikhailov of the USSR (13.8) will use his teeth to defend the title he won in 1962. The event is fairly cut-and-dried, with Marcel Duriez of France (13.9), Hinrich John of West Germany (13.8), Dave Hemery of Britain (13.9) and Bo Forsander of Sweden (13.9), if recovered from a recent injury, the other obvious finalists. Among others likely to interfere are Viktor Balikhin of the USSR (13.9) and Milan Cechman of Czechoslovakia (14.0). Forecast: 1. Ottoz; 2. Mikhailov; 3. Hemery.

400-meter hurdles--Gerhard Lossdorfer improved from 51.4 to 49.9 to capture the West German title, but he may have trouble in trying to reproduce that form against men like Roberto Frinolli of Italy (50.0) and Robert Poirier of France (50.3), who duck under 51-seconds every time out. Horst Gieseler and Gerhard Hennige of West Germany (50.3 and 50.6, respectively), veteran Vasily Anisimov of the USSR (50.5), John Sherwood of Britain (50.6) and Jean-Jacques Behm of France (50.5) are there to make this one of the greatest races of the meet. And we don't forget Olympic finalist Wilfried Geeroms of Belgium (50.8) nor the resurging Jaakko Tuominen of Finland (50.8). Russia's second string Edvins Zageris (50.4) is another vastly improved runner. One would have to surpass himself (as did Salvatore Morale in the 1962 final) to be on the safe side. Forecast: 1. Poirier; 2. Frinolli; 3. Anisimov.

High Jump--Valeriy Skvortsov (7'3") is a clear-cut favorite. Edward Czernik of Poland (7'1") is potentially capable of a surprise but he has seldom done himself justice in big meets. West Germany's three S's (Ingomar Sieghard 6'11½", Gunter Spielvogel 6'11½", and especially Wolfgang Schillkowski 6'11½") are good competitors. Russia's second string Andrey Khmarsky (7'½") and France's Robert Sainte-Rose (6'11½") seem more consistent than the widely heralded Jacques Madubost (7'½"). Forecast: 1. Skvortsov; 2. Schillkowski; 3. Sainte-Rose.

Pole Vault--Wolfgang Nordwig of East Germany came up with a new European record of 5.235 (17'2") on August 14, but Gemmadiy Bliznyetsov of the USSR (16'10½") and Herve D'Encasse of France (16'8½") should provide good competition. Christos Papanikolaou of

Greece (16'6") has been very consistent of late. Other leading contenders: Igor Fyeld of the USSR (16'5"), veteran Rudolf Tomasek of Czechoslovakia (16'5") and 19-year-old Renato Dionisi of Italy (16'2½"). Forecast: 1. Nordwig; 2. Bliznyetsov; 3. D'Encausse.

Long Jump--Igor Ter-Ovanesyan (27'0") has been nursing an injury of late and may have to fear Olympic champ Lynn Davies (26'10") more than ever before. Rainer Stenius (26'9½") and Leonid Barkovskiy (26'2½") are solid performers and should in no case be worse than third or fourth. Behind these four the situation is extremely fluid. Forecast: 1. Ter-Ovanesyan; 2. Davies; 3. Stenius.

Triple Jump--Jozef Schmidt (54'7½") returned to action at the right time and won the Polish title from the season's top performer, Jan Jaskolski (54'11½"). Once again, the all-conquering wizard (who won the European title in 1958 and 1962) will again be the man to beat. Henrik Kalocsai (54'3½") is Hungary's only hope in the jumping events, as far as medals are concerned. Other possible finalists are Georgi Stoikovski of Bulgaria (53'7"), Hans-Jurgen Ruckborn of East Germany (53'4½") and Servan Ciocchina of Rumania (53'3½"). At least one of the Russians--not very good prior to their championship meet--should normally be in the first six. Forecast: 1. Schmidt; 2. Jaskolski; 3. Ciocchina.

Shot Put--Vilmos Varju of Hungary (64'4½"), the defending champion, is an extremely consistent competitor. Russians Eduard Gushchin (63'10½") and Nikolay Karasyov (62'9½") are on the upgrade though and could be a threat. Wladyslaw Komar of Poland (64'4") is an erratic performer. None of the others seems good enough to enter the medal hunt. Forecast: 1. Varju; 2. Gushchin; 3. Komar.

Discus Throw--World record holder Ludvik Danek (216'9") is probably the surest bet of the meet. Detlef Thorich of East Germany threw 201'1½" for an all-German record last week on what was probably a lucky day (wind), but veterans Zenon Begier (196'4") and Edmund Piatkowski (200'4") of Poland are more consistent. Sweden's Ingvar Haglund (187'4½") still has to reproduce his 1965 form. Forecast: 1. Danek; 2. Begier; 3. Piatkowski.

Hammer Throw--Gyula Zsivotzky of Hungary (236'0") has the five best throws for 1966, but just as in 1964 and 1965, he will find Romuald Klim of the USSR (228'5") a very hard nut to crack. Uwe Beyer of West Germany recently upped his country's record to 224'8". These three were the medal winners in Tokyo and could do the same in Budapest, Gennadiy Kondrashov of the USSR (225'8½") being perhaps the only serious threat. Forecast: 1. Klim; 2. Zsivotzky; 3. U. Beyer.

Javelin Throw--Janis Lusia of the USSR has won everything so far this season (281'2"), but with such men as Gergely Kulcsar of Hungary (280'1½"), old lion Janusz Sidlo of Poland (278'5"), Finnish champ Jorma Kinnunen (275'11"), Olympic champ Pauli Nevala also of Finland (271'4½") anything could happen. Possibly the hottest field event. Forecast: 1. Lusia; 2. Kulcsar; 3. Nevala.

Decathlon--Werner von Moltke of West Germany (7961) is the favorite but Olympic silver medallist Rein Aun of the USSR (7682) and last year's number one, Mikhail Storozhenko also of the USSR (7578 this season) may extend him til the last event--possibly to the first 8000-plus score by a European. Horst Beyer also of West Germany (7634), Jozsef Bakai of Hungary (7537) and Bernard Castang of France (7514) are in good form and likely to improve. Forecast: 1. von Moltke; 2. Storozhenko; 3. Aun.

Relays--The 400-meter relay should be contested among France (39.4), Poland (39.6) and the USSR (39.7), while Poland should nose out West Germany and Britain in the 1600-meter race. We'd rather not make any predictions for the marathon and walks.

Bulletin Board

Newsletters of Volume 13 will be mailed as follows (the June dates being tentative): (A)=four page TN by air-mail; (8)=eight page TN by first-class mail. August 25 (8), September 8 (8), October 6 (8), November 10 (8), December 8 (8), January 12 (8), February 2 (8), 16 (A), March 2 (8), 16 (A), 30 (A), April 30 (A), 27 (A), May 4 (A), 11 (A), 18 (A), 25 (A), June 1 (A), 8 (A), 15 (A), 22 (A), 29 (A).

Next issues of Track & Field News will be mailed August 25, September 22, October 20, November 24, December 22, January 26.

TRACK NEWSLETTER

Second class postage paid at Los Altos, Calif. Published 24 times a year by Track & Field News, Inc. P. O. Box 296, Los Altos, Calif. \$6.00 per year by air mail or first class mail in the U.S., second class mail elsewhere. Dick Drake, Managing Editor; Cordner Nelson, Editor; Bert Nelson, Publisher.

British Empire Games' Complete Summaries

Kingston, Jamaica, Aug. 5-13--These are the complete summaries of the VIII British Empire and Commonwealth Games. A detailed article appears in the August T&FN.

100: Heats (8/5, four qualify), I-1. Jerome (Can) 9.8; 2. Addy (Ghana) 9.9; 3. Collie (Bah) 10.0; 4. Morbey (Ber) 10.0; 5. T. Davies (Wales) 10.3; 6. Clarenc (Mauritius) 10.5. II-1. Roberts (Trin) 9.7; 2. Robinson (Bah) 9.7; 3. Frith (Eng) 9.9; 4. Hearne (Can) 9.9; 5. Turton (Br Hon) 10.3; 6. Kaumata (Papua) 10.3; 7. Musundu (Ken) 10.3. III-1. Ejoke (Nig) 9.9; 2. Eddy (Aus) 9.9; 3. Collins (Jam) 9.9; 4. L. Davies (Wales) 10.0; 5. Conteh (S Leone) 10.2; disq--Mervyn (Mauritius) 10.3. IV-1. Owiti (Ken) 10.0; 2. Campbell (Scot) 10.0; 3. Adekunle (Nig) 10.0; 4. McNeil (Jam) 10.1; 5. Kilpatrick (N Ire) 10.1; 6. Cure (Mauritius) 10.6. V-1. Kelly (Eng) 10.3; 2. Shortt (Trin) 10.3; 3. Nottage (Bah) 10.5; 4. Norman (Aus) 10.5; 5. Kunalan (Sing) 10.5; 6. Chihota (Tanzania) 10.6; 7. Pratt (S Leone) 10.8; VI-1. Allotey (Ghana) 10.0; 2. Holdsworth (Aus) 10.2; 3. Phillip (Trin) 10.3; 4. T. Jones (Wales) 10.4; 5. Tomlinson (Can) 10.4; 6. E. Johnson (Bah) 10.6. VII-1. Miller (Jam) 10.1; 2. Donkor (Ghana) 10.2; 3. Peters (Nig) 10.4; 4. R. Jones (Wales) 10.4; 5. Hibbert (Gibraltar) 10.5; 6. Tita (Papua) 10.7. VIII-1. Mends (Ghana) 9.9; 2. Headley (Jam) 9.9; 3. Asiodu (Nig) 9.9; 4. Crawley (Aus) 10.2; 5. McStocker (Eng) 10.3; 6. Patton (Guyana) 10.3; 7. Abdi (S Arab) 10.5.

Quarters (8/6, four qualify), I (11.18mph headwind)--1. Miller 9.9; 2. Owiti 9.9; 3. Addy 9.9; 4. L. Davies 10.0; 5. Campbell 10.0; 6. Norman 10.2; 7. Peters nt; 8. Frith nt. II (4.02mph headwind)--1. Roberts 9.7; 2. Headley 9.8; 3. Ejoke 9.9; 4. Holdsworth 10.0; 5. Nottage 10.0; 6. Donkor 10.0; 7. K. Jones nt; 8. Hearne nt. III (2.01mph headwind)--1. Jerome 9.7; 2. Allotey 9.7; 3. Asiodu 9.8; 4. Kelly 9.8; 5. Collie 9.9; 6. McNeil 10.0; 7. Shortt 10.0; 8. Crawley 10.0. IV (4.47mph headwind)--1. Robinson 9.7; 2. Collins 9.7; 3. Eddy 9.8; 4. Mends 9.8; 5. R. Jones 10.0; 6. Morbey 10.0; 7. Adekunle 10.1.

Semis (8/8, four qualify), I (1.67mph aiding wind)--1. Jerome 9.4 EMR; 2. Robinson 9.5; 3. Ejoke 9.5; 4. Kelly 9.6; 5. Headley 9.6; 6. Mends 9.7; 7. Holdsworth 9.8; 8. Miller 10.7 (pulled up). I (0.0mph wind)--1. Allotey 9.5; 2. Roberts 9.5; 3. Eddy 9.6; 4. Addy 9.6; 5. L. Davies 9.7; 6. Collins 9.7; 7. Asiodu 9.7; 8. Owiti 9.8.

Final (8/8, 0.0mph wind), Jerome 9.4 EMR; 2. Robinson 9.4 EMR; 3. Roberts 9.5; 4. Ejoke 9.5; 5. Eddy 9.5; 6. Allotey 9.5; 7. Kelly 9.6; 8. Addy nt.

220: Heats (8/8, four qualify), I (0.45mph aiding wind)--1. Holdsworth (Aus) 21.8; 2. Nottage (Bah) 21.8; 3. Bertrand (Trin) 21.8; 4. McKenzie (Can) 21.8; 5. Chihota (Tanzania) 22.3; 6. Musundu (Ken) 22.3; 7. Jacobs (Antigua) 22.9. II (0.0mph wind)--1. Roberts (Trin) 21.4; 2. Asiodu (Nig) 21.9; 3. Tomlinson (Can) 22.0; 4. Thurton (Br Hon) 22.9; 5. Pratt (S Leone) 23.7. III (0.89mph aiding wind)--1. Norman (Aus) 21.7; 2. Shortt (Trin) 21.9; 3. Collie (Ghana) 22.1; 4. T. Davies (Wales) 22.4; 5. Adekunle (Nig) 22.7; 6. Cure (Mauritius) 23.3. IV (4.25mph headwind)--1. Jerome (Can) 21.7; 2. Cheskin (Eng) 21.9; 3. Owiti (Ken) 22.2; 4. Donkor (Ghana) 22.3; 5. Peters (Nig) 22.5; 6. Conteh (S Leone) 22.8; 7. Cadogan (Barbados) 23.2. V (12.75 mph headwind)--1. Eddy (Aus) 21.8; 2. Addy (Ghana) 22.0; 3. Dear (Eng) 22.1; 4. K. Jones (Wales) 22.3; 5. Mervyn (Mauritius) 23.0; 6. Kargbo (S Leone) 23.2; VI (8.27mph headwind)--1. Ejoke (Nig) 21.7; 2. Fray (Jam) 21.9; 3. Noel (Trin) 22.2; 4. D. Jones (Eng) 22.5; 5. H. Davies (Wales) 22.9; 6. Peters (St Vincent) 23.4; 7. Kaumata (Papua) 23.8. VII (0.0mph wind)--1. Campbell (Scot) 21.4; 2. Jegathesan (Malaysia) 21.4; 3. Forbes (Jam) 21.6; 4. Singh (India) 21.8; 5. Johnson (Bah) 22.2; 6. Kilpatrick (N Ire) 22.2. VIII (5.59mph headwind)--1. Allotey (Ghana) 20.9 MR; 2. Robinson (Bah) 21.7; 3. Domansky (Can) 21.7; 4. McNeil (Jam) 21.8; 5. Kunalan (Singapore) 22.2; 6. Abdi (S Arabia) 25.6.

Quarters (8/8, four qualify), I (0.0mph wind)--1. Eddy 20.8 MR; 2. Ejoke 21.0; 3. Jegathesan 21.1; 4. Addy 21.5; 5. Jones 21.8; 6. Singh 21.8; 7. Tomlinson 22.0. II (1.34mph aiding wind)--1. Jerome 21.2; 2. Campbell 21.3; 3. Holdsworth 21.3; 4. Shortt 21.5; 5. McNeil 21.7; 6. Collie 21.8; 7. Cheskin 21.9; 8. K. Jones 22.0. III (0.89mph aiding wind)--1. Roberts 21.1; 2. Domansky 21.3; 3. Fray 21.5; 4. Owiti 21.9; 5. Asiodu 22.0; 6. T. Davies 22.0; 7. Donkor 22.3. IV (0.22mph aiding wind)--1. Allotey 20.7 MR; 2. Noel 21.5; 3. Norman 21.5; 4. Dear 21.7; 5. Nottage 21.7; 6. Forbes 21.8; 7. McKenzie 21.8; 8. Thurton 23.0.

Semis (8/8, four qualify), I (0.0mph wind)--1. Allotey 20.6 MR; 2. Roberts 20.8; 3. Domansky 21.4; 4. Jegathesan 21.1; 5. Campbell 21.2; 6. Norman 21.2; 7. Fray 21.3; 8. Dear 21.8. II (1.79 mph aiding wind)--1. Eddy 21.1; 2. Jerome 21.1; 3. Ejoke 21.2; 4. Holdsworth 21.3; 5. Addy 21.5; 6. Noel 21.6; 7. Shortt 21.8; 8. Owiti 21.9.

Final (8/11), Allotey 20.7; 2. Roberts 20.9; 3. Ejoke 21.0; 4. Eddy 21.0; 5. Domansky 21.0; 6. Holdsworth 21.4; 7. Jerome 21.4; 8. Jegathesan 21.5.

440: Heats (8/8, first two plus two fastest third placers qualify), I-1. McKenzie (Can) 47.9; 2. Hatega (Uganda) 48.1; 3. Spence (Jam) 48.3; 4. Nwaokoro (Nig) 48.4; 5. Brown (Bermuda) 48.7; 6. Couacaud (Mauritius) 51.8. II-1. Clough (Aus) 47.8; 2. Skinner (Trin) 48.2; 3. Hoilett (Jam) 48.2; 4. Harper (Ber) 48.8; 5. McLaren (Can) 48.9; 6. Miller (Bah) 51.2; 7. Robinson (S Leone) 52.6. III-1. Rudisha (Ken) 47.2; 2. Bernard (Trin) 47.4; 3. Cameron (Jam) 49.3; 4. Catwell (Barbados) 50.3; 5. Nicol (S Leone) 51.5. IV-1. Winbolt Lewis (Eng) 47.6; 2. Omolo (Uganda) 48.3; 3. H. Davies (Wales) 49.0; 4. Simons (Ber) 49.3. V-1. Crothers (Can) 47.2; 2. Adey (Eng) 47.4; 3. Burnham (Barbados) 48.1; 4. Bawala (Uganda) 46.4; 5. Moss (Bah) 50.2; 6. Jacobs (Antigua) 50.8. VI-1. Mottley (Trin) 45.8 MR; 2. Graham (Eng) 47.8; 3. Kiprugut (Ken) 47.8; 4. Majeko-dunmi (Nig) 48.3; 5. Peters (St Vincent) 48.9; 6. Usher (Br Hon) 53.5. VII-1. Domansky (Can) 47.0; 2. Bacchus (Guyana) 47.8; 3. Spence (Jam) 48.7; 4. Jegathesan (Malaysia) 48.9; 5. Odeka (Uganda) 49.4; 6. Davey (Ber) 50.2.

Semis (8/11, four qualify), I-1. Mottley 46.3; 2. Crothers 46.8; 3. Clough 47.2; 4. Winbolt Lewis 47.6; 5. Graham 47.6; 6. Kiprugut 47.9; 7. Hatega 48.2; 8. Burnham 48.5. II-1. Domansky 46.8; 2. Bernard 46.9; 3. Adey 47.5; 4. Rudisha 47.8; 5. Bacchus 47.8; 6. Omolo 47.9; 7. McKenzie 47.9.

Final (8/11), Mottley 45.2 MR; 2. Bernard 46.1; 3. Domansky 46.4; 4. Rudisha 46.5; 5. Crothers 46.8; 6. Winbolt Lewis 47.1; 7. Adey 47.3; 8. Clough 47.4.

880: Heats (8/6, first three plus fastest fourth qualify), I-1. Kiprugut (Ken) 1:50.7; 2. Rwakojo (Uganda) 1:51.0; 3. Wheeler (Aus) 1:51.6; 4. Forde (Barbados) 1:52.5; 5. Subramaniam (Malaysia) 1:52.6; 6. Francis (Jam) 1:53.2. II-1. Kerr (Jam) 1:52.3; 2. Cayenne (Trin) 1:52.3; 3. Bacchus (Guyana) 1:52.4; 4. Varah (Eng) 1:52.5 (though equal fastest fourth, did not qualify as per electric timer); 5. Leps (Can) 1:52.5; 6. Rahming (Bah) 1:58.9; 7. Harris (Wales) 2:02.2. III-1. Boulter (Eng) 1:52.4; 2. McLaren (Can) 1:54.2; 3. Clough (Aus) 1:54.4; 4. Labonte (Mauritius) 2:01.9; 5. Sowerby (Antigua) 2:12.0. IV-1. Crothers (Can) 1:51.9; 2. Francis (Ken) 1:51.9; 3. Carter (Eng) 1:51.9; 4. Samgar (Pakistan) 1:53.4; 5. Amatepe (Ghana) 1:54.3; 6. Haddad (Jam) 1:56.3; 7. Cambridge (Bah) 1:58.5. V-1. Yearwood (Trin) 1:55.0; 2. Grant (Scot) 1:55.0; 3. Doubell (Aus) 1:55.9; 4. Bailey (Can) 1:56.6; 5. Harewood (Barbados) 1:57.8; 6. Couacaud (Mauritius) 2:02.3.

Semis (8/6, four qualify), I-1. Kerr 1:47.7; 2. Clough 1:47.9; 3. Crothers 1:47.9; 4. Francis 1:48.2; 5. Wheeler 1:48.6; 6. Boulter 1:48.8; 7. Cayenne 1:49.3; 8. Forde 1:54.2. II-1. Doubell 1:48.3; 2. Kiprugut 1:48.7; 3. Carter 1:49.1; 4. Yearwood 1:49.8; 5. Bacchus 1:49.8; 6. McLaren 1:50.5; 7. Rwakojo 1:51.5; 8. Grant 1:54.4.

Final (8/8), Clough 1:46.9 MR; 2. Kiprugut 1:47.2; 3. Kerr 1:47.2; 4. Crothers 1:49.3; 5. Carter 1:48.1; 6. Doubell 1:48.3; 7. Francis 1:48.3; 8. Yearwood 1:51.5.

1 Mile: Heats (8/11, four qualify), I-1. Keino (Ken) 3:57.4; 2. W. Wilkinson (Eng) 4:05.1; 3. Wheeler (Aus) 4:07.8; 4. Studd (NZ) 4:09.5; 5. Mfyomi (Tanzania) 4:10.2; 6. Linaker (Scot) 4:14.5; 7. Labonte (Mauritius) 4:33.2. II-1. Leps (Can) 4:09.1; 2. Graham (N Ire) 4:09.4; 3. O'Brien (Aus) 4:09.8; 4. Grant (Scot) 4:10.1; 5. Duggan (Eng) 4:10.2; 6. Belcher (Jam) 4:13.8; 7. Rahming (Bah) 4:14.2. III-1. Simpson (Eng) 4:02.5; 2. Doubell (Aus) 4:04.0; 3. Pyne (NZ) 4:04.5; 4. Rwakojo (Uganda) 4:04.7; 5. Sequeira (India) 4:07.0; 6. Bailey (Can) 4:12.2; 7. Subramaniam (Malaysia) 4:16.6; 8. Harris (Wales) 4:24.6; 9. Sowerby (Antigua) 5:08.0.

Final (8/13), Keino 3:55.3 MR; 2. Simpson 3:57.1; 3. Studd 3:58.4; 4. Wilkinson 3:59.3; 5. Graham 3:59.4; 6. Wheeler 3:59.8; 7. Leps 4:01.0; 8. O'Brien 4:02.7; 9. Rwakojo 4:02.8; 10. Pyne 4:02.9; 1. Grant nt; dnf--Doubell.

3 Mile: (8/8), Keino (Ken) 12:57.4 MR; 2. Clarke (Aus) 12:59.2; 3. Rushmer (Eng) 13:08.6; 4. Temu (Ken) 13:10.4; 5. McCafferty (Scot) 13:12.2; 6. Taylor (Eng) 13:15.4; 7. B. Wilkinson (Eng) 13:17.8; 8. Graham (N Ire) 13:18.6; 9. Pyne (NZ) 13:25.8; 10. Studd (NZ) 13:31.0; 11. Nyakwoyo (Ken) 13:40.0; 12. Stewart (Scot) 13:42.2; 13. Kogo (Ken) 13:46.4; 14. Tulloh (Eng) 13:48.2; 15. Mfyomi (Tanzania) 13:51.6; 16. Blackwood (Aus) 14:32.0; 17. Murray (Scot) 14:32.4; 18. E. Kerr (Jam) 14:37.2; 19. Dilbach (Malaysia) 14:54.8; 20. Mowatt (Jam) 15:04.8; 21. Massaquoi (S Leone) 15:22.0.

6 Mile: (8/6), Temu (Ken) 27:14.6 MR; 2. Clarke (Aus) 27:39.4; 3. Alder (Scot) 28:15.4; 4. Mfyomi (Tanzania) 28:38.0; 5. Hill (Eng) 28:42.6; 6. Ellis (Can) 28:55.4; 7. Murray (Scot) 29:40.0; 8. Boychuck (Can) 29:54.0; 9. Baillie (NZ) 30:01.0; 10. Mowatt (Jam) 30:13.4; 11. Prowell (Guyana) 30:24.0.

Mara: (8/11, began at 5:30 a.m., temp. at finish 84°), Alder (Scot) 2:22:07.8; 2. Adcocks (Eng) 2:22:13.0; 3. Ryan (NZ) 2:27:59.0; 4. Ellis (Can) 2:31:46.8; 5. Julian (NZ) 2:32:45.4; 6. Wallingford

(Can) 2:35:13.0; 7. Nyakwoyo (Ken) 2:44:59.4; 8. Vennard (N Ire) 2:46:59.0; 9. Boychuck (Can) 2:58:45.2; 10. Abdallah (Tanzania) 3:08:29.6; dnf--Perera (Ceylon), Blackwood (Aus), Wahome (Ken), Clarke (Aus), Cook (Aus), Graham (Jam).

20 Mile Walk: (8/6), Walwork (Eng) 2:44:42.8; 2. Middleton (xxx) (Eng) 2:45:19.0; 3. Read (NZ) 2:46:28.2; 4. Thompson (Eng) 2:46:43.0; 5. Oakley (Can) 2:54:25.8; 6. Cappella (Can) 2:57:21.2; 7. Bannan (Isle of Man) 3:06:11.2; 8. Johnson (Isle of Man) 3:08:05.8; 9. Hart (Wales) 3:15:02.6; 10. Valentine (Trin) 3:22:25.4; dnf--Clark (Aus), Gawne (Isle of Man).

3000m St: (8/6), Welsh (NZ) 8:29.6 MR; 2. O'Brien (Aus) 8:32.4; 3. Kogo (Ken) 8:33.0; 4. Herriott (Eng) 8:33.2; 5. Blackwood (Aus) 8:41.4; 6. Pomfret (Eng) 8:41.6; 7. Linaker (Scot) 8:41.6; 8. Chirchir (Ken) 8:47.4; 9. Stewart (Scot) 8:57.0; 10. Stevens (Eng) 9:01.2; 11. Abdallah (Tanzania) 9:14.0; 12. Dilbagh (Malaysia) 9:53.2.

120yHt: Heats (8/11, first two plus two fastest losers qualify), I-1. Hemery (Eng) 14.2; 2. Razik (Pakistan) 14.2; 3. Prince (Aus) 14.4; 4. Erindle (Nig) 14.4; 5. Murray (Jam) 15.0; 6. Songok (Ken) 15.2. II-1. Gurbachan (Ind) 14.3; 2. Parker (Eng) 14.4; 3. Knoke (Aus) 14.8; 4. Carr (Jam) 14.9. III-1. Taitt (Eng) 14.4; 2. Harvey (Jam) 14.6; 3. Gairdner (Can) 14.7; 4. Merican (Singapore) 14.8; 5. Athorne (Aus) 15.4.

Final (8/11), Hemery 14.1; 2. Parker 14.2; 3. Razik 14.3; 4. Harvey 14.3; 5. Taitt 14.3; 6. Erindle 14.5; 7. Gurbachan nt; 8. Prince nt.

440yHt: Heats (8/8, four qualify), I-1. Knoke (Aus) 51.4; 2. Sherwood (Eng) 51.7; 3. Woodland (Eng) 51.7; 4. Johnson (NZ) 51.7; 5. Sang (Ken) 52.5; 6. Harper (Bermuda) 53.8; 7. Grant (Jam) 56.5. II-1. Agbabokha (Nig) 51.8; 2. Warden (Eng) 51.8; 3. Roche (Aus) 51.8; 4. Gairdner (Can) 52.2; 5. Prince (Aus) 52.4; 6. Songok (Ken) 54.3; 7. Davey (Bermuda) 54.6; 8. Clarke (Jam) 55.1.

Final (8/8), Roche 51.0; 2. Agbabokha 51.5; 3. Warden 51.5; 4. Woodland 51.8; 5. Knoke 52.2; 6. Gairdner 52.5; 7. Johnson 56.0.

440y Relay: Heats (8/13, four qualify), I-1. Canada 40.5; 2. Australia 40.6; 3. England 41.0; 4. Trinidad nt; 5. Bermuda 42.6; 6. Sierra Leone 42.8. III-1. Ghana 39.9 MR; 2. Jamaica 40.5; 3. Wales 40.6; 4. Nigeria nt; 5. India nt; disq--Bahamas, Mauritius.

Final (8/13), Ghana 39.8 MR; 2. Jamaica 40.0; 3. Australia 40.0; 4. Wales 40.2; 5. Canada 40.4; 6. Nigeria 40.4.

1 Mile Relay: Heats (8/13, four qualify), I-1. Trinidad 3:10.8; 2. Canada 3:11.7; 3. Nigeria 3:13.4; 4. England 3:13.7; 5. Bermuda 3:15.2. II-1. Uganda 3:13.4; 2. Jamaica 3:14.2; 3. Barbados 3:17.3; 4. Australia 3:26.5.

Final (8/13), Trinidad 3:02.8 WR, MR (Yearwood 47.8, Bernard 45.7, Roberts 44.8, Mottley 44.5); 2. Canada 3:04.9 (McKenzie 46.9; McLaren 46.6, Domansky 45.4, Crothers 46.0); 3. England 3:06.5 (Winbolt Lewis 47.2, Adey 46.7, Warden 47.1, Graham 45.5); 4. Jamaica 3:06.8 (Forbes 46.6, Kahn 46.7, Kerr 46.8, Hoilett 46.7); 5. Australia 3:12.2; 6. Nigeria 3:12.4; 7. Barbados 3:13.1; 8. Uganda 3:13.7.

HJ: (6/6), Peckham (Aus) 6'10"; 2. Igum (Nig) 6'8"; 3. Norris (Barbados) 6'7"; 4. Fairbrother (Scot) 6'3"; 5. Sobande (Nig) 6'5"; 6. Tennant (Jam) 6'4"; 7. Singh (India) 6'2"; 8. tie, Rahming (Bah), Bird (Antigua) 6'0".

PV: (8/13), Bickle (Aus) 15'9"; 2. Bull (Ire) 15'6"; 3. Moro (Can) 15'3"; 4. Stevenson (Scot) 15'3"; 5. Yard (Can) 15'0".

LJ: (8/9), L. Davies (Wales) 26'2"; 2. Morbey (Ber) 25'10"; 3. Clayton (Jam) 25'8"; 4. Crawley (Aus) 25'6"; 5. Brooks (Jam) 25'1"; 6. May (Aus) 24'7"; 7. Norris (NZ) 24'6"; 8. Sang (Ken) 24'4"; 9. Amoah (Ghana) 23'10"; 10. Ogan (Nig) 23'9"; 11. Lewis (Jam) 22'11"; 12. Alsop (Eng) 22'10"; 13. Gaskin (Eng) 22'8"; 14. Benjamin (Ber) 22'4"; 15. Young (Jam) 22'2"; 16. Wisdom (Bah) 21'10"; 17. Anthony (Mauritius) 21'8"; 18. Tita (Papua) 18'6".

TJ: (8/11), Igum (Nig) 53'9"; 2. Ogun (Nig) 52'9"; 3. Alsop (Eng) 52'4"; 4. Barrett (Bah) 51'7"; 5. Norris (NZ) 50'11"; 6. Samuels (Jam) 50'9"; 7. Burgher (Jam) 49'10"; 8. Brooks (Jam) 49'4"; 9. Thomas (Jam) 49'4"; 10. May (Aus) 48'11"; 11. Saunders (Bah) 48'10"; 12. Ocen (Uganda) 48'10"; 13. Amoah (Ghana) 48'7"; 14. Okuthe (Ken) 48'3"; 15. Morbey (Ber) 46'1"; 16. Anthony (Mauritius) 45'9"; 17. Norris (Barbados) 45'3"; 18. Peckham (Aus) 43'1".

SP: (8/11), Steen (Can) 61'8" MR; 2. Mills (NZ) 60'3"; 3. Puce (Can) 56'2"; 4. Lindsay (Scot) 55'10"; 5. Hargreaves (NZ) 53'11"; 6. Tait (NZ) 53'9"; 7. Hollingsworth (Trin) 49'11"; 8. Tancred (Eng) 48'11"; 9. Barrow (Antigua) 47'7"; 10. Andryshyshyn (Can) 47'5"; 11. Roost (Can) 46'6"; 12. Rolle (Bah) 45'5"; 13. Hall (Jam) 43'3".

DT: (8/8), Mills (NZ) 184'4"; 2. Puce (Can) 183'6"; 3. Tait (NZ) 180'6"; 4. Steen (Can) 177'11"; 5. Hollingsworth (Trin) 176'11"; 6. Lindsay (Scot) 165'1".

HT: (8/13), Payne (Eng) 203'4"; 2. Kumar (India) 197'3"; 3. Iqbal (Pakistan) 195'5"; 4. Leffler (Aus) 190'5"; 5. Bryce (Scot) 189'5"; 6. Seddon (Eng) 188'7".

JT: (8/6), RitzSimons (Eng) 261'9" MR; 2. Birks (Aus) 249'10"; 3. Nawaz (Pakistan) 229'5"; 4. Nashattar (Malaysia) 217'6"; 5. Roost (Can) 218'7"; 6. Travis (Eng) 215'4".

Dec: (8/5-6), Williams (NZ) 7270 (11.0, 23'9", 44'7 $\frac{3}{4}$ ", 6'8", 51.2; 15.0, 148'5", 12'5 $\frac{3}{4}$ ", 155'2", 4:55.6); 2. Longe (Wales) 7123; 3. Moro (Can) 6983; 4. Foster (Scot) 6728; 5. Clarke (Eng) 6691; 6. Smalling (Jam) 6513; 7. Kiprop (Ken) 6399; 8. Bickle (Aus) 6007; 9. Gaskin (Eng) 5828; 10. Clouden (St Vincent) 4644.

National News

MINNESOTA AAU 10-MILE, St. Paul, Minn., July 4--Nelson (St Cloud St) 50:06.6 (30:16.0 six-miles).

CONNECTICUT AAU, New Britain, Conn., July 10--HT, Bailey (CCAA) 182'8".

ALL-COMERS, Costa Mesa, Calif., July 10--JT, Tucker (PAA) 247'9".

ALL-COMERS, Venice, Calif., July 12--PV, Heglar (PAA) 16'4"; 2. Heinz (Strid) 16'0"; 3. Wiley (49ers) 15'6".

ALL-COMERS, Seattle, Wash., July 16--HJ, Shinnick (Wash AC) 6'11 $\frac{1}{2}$ ". TJ, Klein (Wash Fr) 48'0".

ALL-COMERS, Edmonds, Wash., July 23--HJ, Shinnick 6'10".

ALL-COMERS, Gresham, Ore., July 21--100, Bates (Ore HS) 9.5. (16-years-old; no wind in race).

ALL-COMERS, Portland, Ore., July 30--JT, Curtice (Port TC) 243'8"; 2. Burns (unat) 240'3". DT, Bakkensen (Athens) 172'7".

ALL-COMERS, Redwood City, Calif., July 23--DT, Kennedy (Athens) 178'0".

ALL-COMERS, Gresham, Ore., July 28--Bates (Ore HS) 9.5 and 21.1t.

ALL-COMERS, Woodland Hills, Calif., Aug. 3--3000St, Price (Cal) 8:54.8. TJ, Olmstead (UCLA) 50'6". PV, Miguel (El Camino JC) 15'6"; 2. Aubry (unat) 15'6"; 3. Steinhoff (Kans Fr) 15'6".

ALL-COMERS, Walnut, Calif., Aug. 4--PV, Heglar (PAA) 16'2".

ALL-COMERS, ELA, Calif., Aug. 4--HJ, Burrell (49ers) 7'0".

DT, Babka (PAA) 201'11"; 2. Humphreys (PAA) 192'3". JT, Sbordone (PAA) 246'10".

ALL-COMERS, Venice, Calif., Aug. 5--PV, Heglar (PAA) 16'3".

ALL-COMERS, Redwood City, Calif., Aug. 6--LJ, Horn (Athens) 24'6 $\frac{1}{2}$ ". SP, Kennedy (Athens) 56'7 $\frac{1}{2}$ ". HT, Ballard (SCVYV) 179'10".

DT, Kennedy 172'5".

ALL-COMERS, Long Beach, Calif., Aug. 7--DT, Babka (PAA) 207'5"; 2. Humphreys (PAA) 194'1". JT, Covelli (PAA) 251'5"; 2. Tucker (PAA) 249'6"; 3. Sbordone (PAA) 243'8".

ALL-COMERS, Gardena, Calif., Aug. 8--PV, Aubry (unat) 15'6".

ALL-COMERS, Philadelphia, Pa., Aug. 9--2Mile, Lorenz (Penn AC) 8:59.0.

ALL-COMERS, Woodland Hills, Aug. 10--Mile, Romo (Strid) 3:58.8; 2. Nelson (Strid) 3:59.4. PV, Miguel (El Camino JC) 16'0"; 2. Kirk (PAA) 16'0"; 3. Carson (Oxy Fr) 15'6".

ALL-COMERS, E LA, Calif., Aug. 11--DT, Babka (PAA) 209'5" (third on all-time list, ahead of Oerter; included greatest series in history of 203'8", 206'7", 205'1", 206'1", 209'5", 208'9"). PV, Steinhoff (Kans Fr) 16'6".

ALL-COMERS, Redwood City, Calif., Aug. 13--DT, Kennedy (Athens) 175'2". TJ, Horn (Athens) 48'6 $\frac{3}{4}$ ".

OREGON AAU, Portland, Ore., Aug. 13--Mile, Grelle (Multnomah AC) 4:01.6. JT, Burns (Portland TC) 248'0".

PACIFIC NORTHWEST AAU, Edmonds, Wash., Aug. 13--3Mile, Riley (Wash HS) 13:49.8 (after a 4:14.3 mile); 2. Stjern (Wash HS) 14:01.0; 3. Freeman (unat) 14:01.8.

ALL-COMERS, Long Beach, Calif., Aug. 14--DT, Babka 204'8" (189'1", 201'7", 182'5", 200'1", 203'9", 204'8"). HT, Frenn (PAA) 209'8" (209'8", 206'11", 203'5", 207'4", 209'7", 209'3"). JT, Red (PAA) 248'10".

SPAAA AU DECATHLON, Woodland Hills, Calif., Aug. 20--Carson (Oxy Fr) 6590 (11.5, 21'6 $\frac{1}{4}$ ", 32'7", 6'0", 53.7, 15.4, 101'11", 15'0", 141'10", 4:33.0); 2. Smith (Strid) 6531 (10.9, 21'3", 35'5 $\frac{3}{4}$ ", 5'10", 52.4, 15.4, 112'4", 10'9", 156'11", 4:39.9); 3. Steinhoff 6106.

OREGON (the state of) 229 $\frac{1}{2}$. BRITISH COLUMBIA (the province of) 168 $\frac{1}{2}$. Eugene, Ore., Aug. 20--6Mile, Moore (Ore) 29:23.4. 220t, Jerome (BC) 20.7; 2. Marks (Ore) 21.0. JT, Burns (Ore) 250'11"; 2. Curtice (Ore) 241'9"; 3. Tipton (Ore) 238'7". DT, Bakkensen (Ore) 161'2". 3Mile, Grelle (Ore) 14:14.1. 100, Jerome 9.6. 880, San Romani 1:52.8. PV, Moro (BC) 15'9".

NATIONAL EXHIBITION, Toronto, Ontario, Aug. 20--440, Evans 47.2. 3Mile, Scott (Ariz St) 13:51.4. HH, Davenport (Sn/Fr) 13.8. 100, Greene (Neb) 9.5. 880, Nelson (Strid) 1:54.0. PV, Seagren (Strid) 16'2 $\frac{1}{4}$ ". 220t, Roberts (Trin) 20.9.

ALL-COMERS, Millbrae, Calif., Aug. 20--SP, Kennedy (Athens) 55'9 $\frac{1}{2}$ ". DT, Kennedy 174'7". HT, Ballard (SCVYV) 175'3".

ALL-COMERS, WLA, Calif., Aug. 20--JT, Covelli (PAA) 261'4", seasonal best; 2. Stuart (PAA) 257'11"; 3. Red (PAA) 250'7".

BUFFALO FIREFIGHTERS, Buffalo, N.Y., Aug. 21--LJ, Boston (Strid) 25'11 $\frac{1}{2}$ ". PV, Seagren (Strid) mark not available.

ALL-COMERS, Woodland Hills, Aug. 20--3000St, Silverberg (Strid) 9:12.0; 2. Tuttle (PAA) 9:19.6. TJ, Jackson (Strid) 48'2 $\frac{1}{2}$ ". PV, Railsback (Pas CC) 16'6"; 2. tie, Miguel (El Camino JC) and Vaughn (Calif HS) 16'0".

Foreign News

JYVASKLA, FINLAND, July 4--800, J. Perry (US) 1:48.3; 2. Kemp (US) 1:49.0.

TEUVA, FINLAND, July 14--JT, Nevala 262'9 $\frac{1}{2}$ ".

DUBLIN, IRELAND, July 16--880, Carroll (Eire) 1:48.9. 2Mile, Graham (N Ire) 8:38.6.

SODANKYLA, FINLAND, July 17--JT, Nevala 265'9".

HUNGARIAN CHAMPIONSHIPS, Budapest--5000, Mecser 13:59.8;

2. J. Kiss 14:01.6. TJ, Ivanov 52'11 $\frac{1}{2}$ ". SP, Varju 62'9 $\frac{1}{4}$ ". JT, Kulcsar 259'5 $\frac{1}{2}$ ". HT, Zsivotzky 218'10 $\frac{1}{2}$ ".

KURIKKA, FINLAND, July 24--DT, Hangasvaara 184'8 $\frac{1}{2}$ ". JT, Nevala 263'10".

LAUKAA, FINLAND, July 24--JT, Kinnunen 273'1".

MAINZ, WEST GERMANY, July 27--100, Nash (S Afr) 10.2.

200, Nash 20.8. 110HH, Ulys (S Afr) 13.9; 2. Coetzee (S Afr) 13.9.

MIKKELE, FINLAND, July 31--PV, Morris (US) 16'6"; 2. Cramer (US) 16'1". JT, Kinnunen 269'9 $\frac{1}{2}$ ".

LAPPEENRANTA, FINLAND, July 31--400IH, Tuominen 51.3. LJ, Stenius 25'6". JT, Nevala 267'9 $\frac{1}{2}$ ".

PRAGUE, CZECH., 1500, Hoffmann 3:42.8.

BUCAREST, ROMANIA, HJ, Moroz 6'10 $\frac{3}{4}$ ".

DUBLIN, IRELAND, 880, Carroll 1:47.4 EuroR; 2. McClean 1:48.1.

POTSDAM, EAST GERMANY, 1500, Holtz 3:41.3; 2. Richter 3:41.8.

OSNABRUCK, WEST GERMANY, 400, Krussmann 46.8.

OSLO, NORWAY, 400, Toomey (US) 46.7 (best-ever). PV, Penel (US) 15'9"; 2. Papanicolaou (Gr) 15'9". SP, Steinhauer (US) 62'7 $\frac{1}{2}$ ".

FINLAND, Tuominen 51.3.

KIEL, WEST GERMANY, HT, Beyer 224'8".

POZNAN, POLAND, SP, Komar 62'10 $\frac{1}{4}$ "; 2. Sosgornik 59'1". HT, Rut 211'3 $\frac{1}{2}$ ".

SWEDEN, 800, Andersson 1:48.5. SP, Bendeus 59'3 $\frac{3}{4}$ ".

STOCKHOLM, SWEDEN, Aug 3-4--5000, Khlistov (SU) 13:56.8;

2. Najde 13:57.8; 3. Larsson 14:04.0. JT, Lasis 272'3 $\frac{1}{2}$ ". SP, Bendeus 59'3 $\frac{1}{2}$ ". 3000St, Persson 8:44.4; 2. Jakubovas (SU) 8:44.8.

WEST GERMAN CHAMPIONSHIPS, Hannover, Aug. 5-7--100, (w),

Knickenberg 10.2; 2. Schwarz 10.3; 3. Darams 10.3; 4. Metz 10.3;

5. Schmidtke 10.3. Heats: I (windy)-1. Metz 10.3. II-1 (windy)-1.

Knickenberg 10.2; 2. Nerlich 10.3; 3. Schwarz 10.3; 4. Schmidtke

10.3. 200 (windy), Knickenberg 20.9; 2. Roderfeld 20.9; 400, Koenig

46.0; 2. Kinder 46.2; 3. Krusmann 46.4; 4. Ulbricht 46.6; 5.

Hanika 46.9. 800, Kinder 1:44.9 ER; 2. Bogatzki 1:46.5; 3. Adams

4; 4. Kruger 1:47.7. 1500, Tummler 3:43.6. 5000, Norpoth

13:50.4; 2. Gerlach 14:01.2. 10,000, Letzerich 28:58.8; 2. Kubicki

29:03.8; 3. Philipp 29:07.2; 4. Hecht 29:12.4. 110HH, John 14.1.

Heats I-1. John 14.0. 400IH, Lossdorfer 49.9; 2. Gieseler 50.3;

3. Hennige 50.6; 4. Schubert 51.0. 3000St, Wogatzki 8:45.4. HJ,

Sieghart 6'10 $\frac{1}{4}$ ". SP, Birlenbach 59'4 $\frac{1}{2}$ ". HT, Beyer 216'3 $\frac{1}{2}$ ". JT,

Stump 258'4".

HEDEMORA, SWEDEN, HJ, Dahlgren 6'10 $\frac{3}{4}$ ".

BRESCIA, ITALY, 110HH, Ottoz 13.9. Dec, Poserina 7002

VIRY-CHATILLON, 200, Bambuck 20.9. 800, Taillard 1:47.3;

2. Pellez 1:47.3; 3. Dufresne 1:47.5. 1500, Nicolas 3:41.1; 2. Ver-

voort 3:43.1; 3. Bernard 3:43.3. 110HH, Chardel 14.1. HJ, Madubost

6'9 $\frac{1}{8}$ ". 400R, France A 39.4 (Berger, Delecour, Piquemal, Bambuck).

AIX-LES-BAINS, FRANCE, 5000, Jazy 14:03.4. PV, D'Encausse

16'5". JT, Wakalina 262'0". HT, Husson 216'6 $\frac{1}{2}$ ".

BRUSSELS, BELGIUM, 800, De Hertoghe 1:48.4. 10,000, Roe-

lants 29:26.8. 3000St, Roelants 8:35.2.

POLISH CHAMPIONSHIPS, Warsaw, Aug. 5-7--200, Dudziak 20.8;

2. Werner 20.9. 400, Gredzinski 46.2; 2. Badenski 46.2; 3. Borow-

ski 46.9; 4. Liponski 46.9. 1500, Baran 3:39.5; 2. Tkaczyk 3:41.8.

3000St, Szklarczyk 8:47.8. TJ, Schmidt 54'7 $\frac{1}{4}$ "; 2. Jaskolski 53'10".

JT, Sidlo 272'8 $\frac{1}{2}$ ". DT, Piatkowski 194'2 $\frac{1}{2}$ ".

CZECHOSLOVAKIAN CHAMPIONSHIPS, Prague, Aug. 6-7--110H,

Cecman 14.0. 400IH, Krus 51.2. TJ, Nemcovsky 53'5 $\frac{1}{4}$ ". 800, Jung-

wirth 1:47.8; 2. Penkava 1:48.4. PV, Tomasek 15'11". DT, Danek

195'2 $\frac{1}{2}$ ".

STOCKHOLM, SWEDEN, DT, Bruch 190'10 $\frac{1}{2}$ ".

RUMANIAN CHAMPIONSHIPS, Bucarest, Aug. 5-7--3000St, Vammos 8:43.6. HT, Costache 212'8".

SWISS CHAMPIONSHIPS, Lugano, Aug. 5-7--JT, von Wartburg 257'1 1/2".

TURKU, FINLAND, PV, Pennel (US) 16'9 1/4"; 2. Morris (US) 16'5". 400, Toomey (US) 46.6 (life-time best). LJ, Stenius 25'3 1/2". 1500, Vilt (USSR) 3:42.5, 3000St, Kuha 8:40.4. JT, Kinnunen 263'1 1/2". 400H, Tuominen 50.8.

POIANA BRASOV, ROMANIA, TJ, Ciocchina 53'1 1/2". HJ, Moros (SU) 6'10 3/4". LJ, Sarucan 25'4".

CLUJ, ROMANIA, HJ, Zamungi 25'3 1/2".

ST. SEBASTIAN, SPAIN, 5000, Altman (S Afr) 14:03.2.

FRANCE 213, CZECHOSLOVAKIA 196, Prague, Czech., Aug. 13-14--100, Piquemal (F) 10.3; 2. Bambuck (F) 10.3. 200, Bambuck 20.9. 400, Samper (F) 46.6. 800, Jungwirth 1:47.3; 2. Lurot (F) 1:48.0; 3. Penkava 1:48.5. 1500, Odlozil 3:37.6; 2. Wadoux (F) 3:37.7; 3. Jazy (F) 3:38.3; 4. Hoffmann 3:39.1. 5000, Jazy (F) 14:09.8. 110H, Duriez (F) 14.1; 2. Ceman 14.1. 400H, Poirier (F) 50.4; 2. Behm (F) 51.1; 3. Hebrard (F) 51.5. HJ, Madubost (F) 6'10 1/4"; 2. Sainte-Rose (F) 6'10 1/4". PV, D'Encausse (F) 16'5"; 2. Tomasek 16'1". LJ, Pani (F) 25'5 1/2". TJ, Nemcovsky 52'7 1/2". DT, Danek 197'1 1/2". JT, Wakalina (F) 256'9".

WIESBADEN, WEST GERMANY, 3200R, West German "A" 7:08.6 WR (Kinder 1:46.9, Adams 1:47.5, Bogatzki 1:47.9, Kemper 1:46.2); 2. West German "B" 7:10.4 (Tummler 1:47.6, Norpoth 1:47.4, Balke 1:47.2, Missala 1:48.1). 400H, Lossdorfer 51.1; 2. Pellier (F) 51.1. HJ, Schilkowski 6'11 1/2". SP, Birlenbach 59'10 1/2". 400R, West German "A" 39.7 (Roderfeld, Metz, Enderlein, Knickenberg).

WARSAW, POLAND, 200, Dudziak 20.9. 400, Werner 45.7; 2. Badenski 46.0; 2. Borowski 46.7. 800, Baran 1:48.1. 5000, Mecser (Hung) 13:53.6; 2. Stawiarz 14:04.4; 3. Kolodynski 14:02.0. 3000St, Misersky (EG) 8:42.0; 2. Hartman (EG) 8:42.2; 3. Mate (Hung) 8:43.4; 4. Motyl 8:45.4; 5. Czaplowski 8:45.6. HJ, Czernik 6'10 3/4". PV, Nordwig (EG) 17'2" ER. TJ, Jaskolski 53'1 1/4". DT, Piatkowski 194'1"; 2. Begier 187'11"; 3. Fejer (Hung) 184'10". JT, Sidlo 265'6 1/2". 2. Stolle (EG) 264'4 1/2"; 3. Nikciuk 260'3". HT, Smolinski 212'2 1/2". 400R, Poland 40.0; 2. East Germany 40.1.

USSR CHAMPIONSHIPS, Kiev, Aug. 10-14--200, Tuyakov 20.9. 400, Sverbyetov 46.8; 2. Savchuk 46.8. 800, Mikhailov 1:48.2; 2. Potapchenko 1:48.2. 1500, Vilt 3:42.2; 2. Jakubovas 3:43.1; 3. Verlal 3:43.3; dnf, Raiko. 5000, Kudinskiy 14:02.2; 2. Charafoutdinov 14:02.4; 3. Orentas 14:02.8. 10,000, Mitkyenko 28:48.4; 2. Makarov 29:03.0. 110H, Mikhailov 14.0. 400H, Zageris 50.4; 2. Anisimov 50.8; 3. Kassakov 51.0. 3000St, Kudinskiy 8:30.8; 2. Kuryan 8:31.6; 3. Aleksiejunas 8:38.6; dnf, Morozov. HJ, Skvortsov 7'8 1/2"; 2. Gavrilov 6'10 3/4"; 3. Khmarskiy 6'10 1/4". LJ, Ter-Ovanesyan 25'10 1/4"; 2. Klimov 25'7"; 3. Barkovskiy 25'5 1/2". TJ, Kravchenko 53'6 1/2"; 2. Alyabyev 53'6 1/2"; 3. Kurkovich 53'3". SP, Karasyov 62'2"; 2. Gushchin 61'8 1/4". DT, Trusenyov 187'8"; 2. Jaras 186'0"; 3. Gudashvili 185'7 1/2"; 4. Lyakhov 185'6". JT, Lusis 279'1 1/2"; 2. Gordzeshvili 258'0" (265'5" qualifying). HT, Klim 229'1 1/2"; 2. Kondrashov 219'6"; 3. Tribunskiy 217'4 1/2"; 4. Baltovskiy 216'9 1/2". PV, Bliznyetsov 16'5".

BRUSSELS, BELGIUM, 100, Kone (I Coast) 10.2. 3000St, Roelants 8:35.6.

OSLO, NORWAY, SP, Anderssen 59'6 1/2".

HELSINKI, FINLAND, LJ, Stenius 26'1". SP, Yrjola 59'11 1/4". 3000St, Kuha 8:40.8. 10,000, Ala-Leppilampi 29:29.2. JT, Kinnunen 275'11".

STOCKHOLM, SWEDEN, 400, Smith (US) 45.6 (45.8 at 440y); 2. Badenski (Pol) 47.2. 5000, Haro (Sp) 13:53.8. SP, Steinhauer (US) 64'1 1/4"; 2. Pedens 61'3 3/4". DT, Haglund 196'4 1/2"; 2. Piatkowski (Pol) 195'2 1/2". 800R, US 1:24.4 (Smith, Toomey, Hines, Thoreson).

CELJE, YUGOSLAVIA, 5000, Vazic 14:02.0. 400H, Frinolli 50.8. 3000St, Zelev (Bul) 8:44.0. DT, Asta (It) 184'4". SP, Jocovic 60'2"; 2. Barisic 59'11 1/2".

OSLO, NORWAY, 3000St, Pomfret (Eng) 8:46.0.

BRITISH GAMES, London, England, Aug. 20--100, Hines (US) 10.5. 200, Dudziak (Pol) 21.2; 2. Hines 21.2; 3. Ottolina (It) 21.4. 400, Smith (US) 45.3 (life-time best); 2. Mottley (Trin) 45.7; 3. Winbolt Lewis (GB) 46.8. (Smith in lane 3, Mottley lane 2; Smith trailed Mottley at 200, 22.1 to 21.7, but caught Mottley in final 70 yards.) Mile, Keino (Ken) 3:53.4 (personal record; second fastest mile ever run; laps of 60.4, 1:58.9, 2:55.8 with last lap of 57.6); 2. Graham (GB) 3:59.2; 3. Simpson (GB) 3:59.8; 4. Doubell (Aus) 4:00.5; 5. Wheeler (Aus) 4:00.5; 6. Wilkinson (GB) 4:01.8; 7. Danielson (US) 4:11.3. 5000, Rushmer (GB) 13:45.0; 2. Gamoudi (Tun) 13:45.0; 3. Mecser (Hung) 13:46.2; 4. Temu (Ken) 13:48.8; 5. Zimny (Pol) 14:05.2. 400H, Frinolli (It) 49.8; 2. Songok (Ken) 51.3; 3. Roche (Aus) 51.8. TJ, Schmidt (Pol) 52'11". JT, Sidlo (Pol) 266'1 1/2".

STOCKHOLM, SWEDEN, HJ, Sainte-Rose (Fr) 7'8 1/2".

HAMBURG, WEST GERMANY, Aug. 20-21--Dec, Toomey (US) 7990 (10.4, 24'5 1/4", 46'9", 6'2 1/2", 46.8, 14.5, 133'3", 13'9 1/2", 165'2", 4:35.6; ranks as ninth greatest decathlon); 2. Tidow 7345; 3. Thoreson (US) 7210; 4. Hodge (US) 7124 (dropped out of 1500).

BALE, WEST GERMANY, HT, Amman 212'6". 1500, Tummler 3:40.8; 2. Norpoth 3:40.8. 10,000, Philipp 29:08.8. SP, Birlenbach 60'2 1/2".

MELUN, FRANCE, HJ, Madubost 6'11 1/2".

DOLE, FRANCE, LJ, Pani 25'5 1/2".

A Teenager Vs. 30 and Older Meet

by Peter Matthews

The widely heralded feats of such youngsters as Jim Ryun and Bob Seagren along with the ability of veterans Ron Morris and Parry O'Brien to register life-time bests in their second decade of world-class performances leads to an interesting question. In a dual meet between youngsters and veterans, who would triumph? One way to answer this question is to establish the two best performers in each group for all of the individual Olympic track and field events. Teams are limited to athletes under 20 years of age on the day of the performance for the youth team and at least 30 for the veterans.

Scores are then computed strictly on the basis of times and distances using the standard scoring system for international dual meets (5-3-2-1). In the 400-meters, both Earl Young and Adrian Metcalfe of the youth team ran 45.7, but since they represent the second string only one could represent the team.

The final score: Youth 109, Veterans 100.

	Youth	Age	
100m	Harry Jerome 10.0	E. McDonald Bailey 10.2	
	Bob Hayes 10.1	Barney Ewell 10.2	
200m	James Hines 20.4*	Barney Ewell 20.7	
	Richard Stebbins 20.5*	Marian Foik 20.8	
400m	Lee Evans 45.2	Mike Larrabee 45.1	
	Earl Young 45.7	Herb McKenley 45.9	
800m	Adrian Metcalfe 45.7		
	Jim Ryun 1:44.2*	Roger Moens 1:46.5	
	Neville Myton 1:46.5*	Paul Schmidt 1:47.2	
1500m	Jim Ryun 3:51.8y	Michel Jazy 3:36.3	
	Herb Elliott 3:58.7y	Michel Bernard 3:38.7	
5000m	Gerry Lindgren 13:04.2y	Siegfried Hermann 13:30.0	
	Bruce Kidd 13:43.8	Vladimir Kuts 13:35.0	
10,000m	Gerry Lindgren 27:11.6y	Pyotr Bolotnikov 28:18.2	
	Bruce Kidd 28:09.4y	Bruce Tulloh 27:23.8y	
St	Kerry O'Brien 8:46.0	Ivan Belyayev 8:29.6	
	Benjamin Kogo 8:47.4	Zdzis Krzyszkowiak 8:30.4	
110mH	Jerry Cerulla 13.5	Heinrich John 13.8	
	Don Shy 13.6	Michel Chardel 13.9	
400mH	Eddie Southern 49.7	Willie Arterbery 50.2	
	Geoff Vanderstock 49.9	Y. Lituyev 50.4	
HJ	Valeriy Brumel 7'4 1/2"	Robert Shavlakadze 7'1 1/2"	
	John Thomas 7'3 1/2"	Stig Petersson 6'11"	
PV	Bob Seagren 17'5 1/2"	Manfred Preussger 16'10 1/2"	
	Paul Wilson 17'1"	Ron Morris 16'6"	
LJ	Ernie Shelby 26'1 1/2"	Jorma Valkama 25'5 1/2"	
	Anthony Watson 25'9 1/2"	Ali Brakchi 25'4 1/2"	
TJ	John Baguley 52'11 1/2"	Jozef Schmidt 54'11"	
	Pertti Pousi 52'6 1/2"	Vitold Kreyer 53'11 1/2"	
SP	Randy Matson 66'8 1/2"	Parry O'Brien 64'7 1/2"	
	Dallas Long 64'6 1/2"	Viktor Lipsnis 6'35 1/2"	
DT	Gary Carlsen 190'8 1/2"	Vladimir Trusenyov 202'2 1/2"	
	Geza Fejer 188'4"	Jozsef Szecsenyi 199'0"	
HT	Uwe Beyer 223'4 1/2"	Hal Connolly 233'9 1/2"	
	George Costache 211'3 1/2"	Romuald Klim 233'1"	
JT	Gary Stenlund 260'4 1/2"	Janusz Sidlo 280'6"	
	Arne Os 259'11"	Vladimir Kuznyetsov 280'11 1/2"	
Dec	Rafer Johnson 7758	C. K. Yang 7853	
	Don Shy 7486	Vasily Kuznyetsov 7770	

Final Score (5-3-2-1): Youth 109, Age 100.

*--yard time converted to meters; y--yard time with no conversion.

All-Time Hurdle Doubles, Triples

Compiled by Jack Shepard

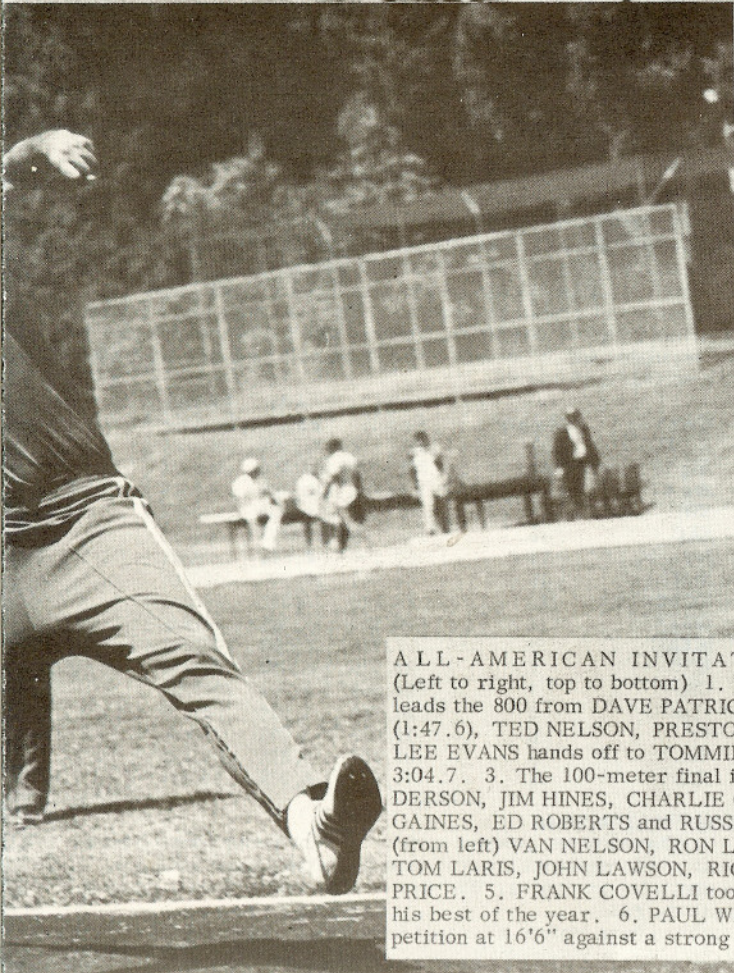
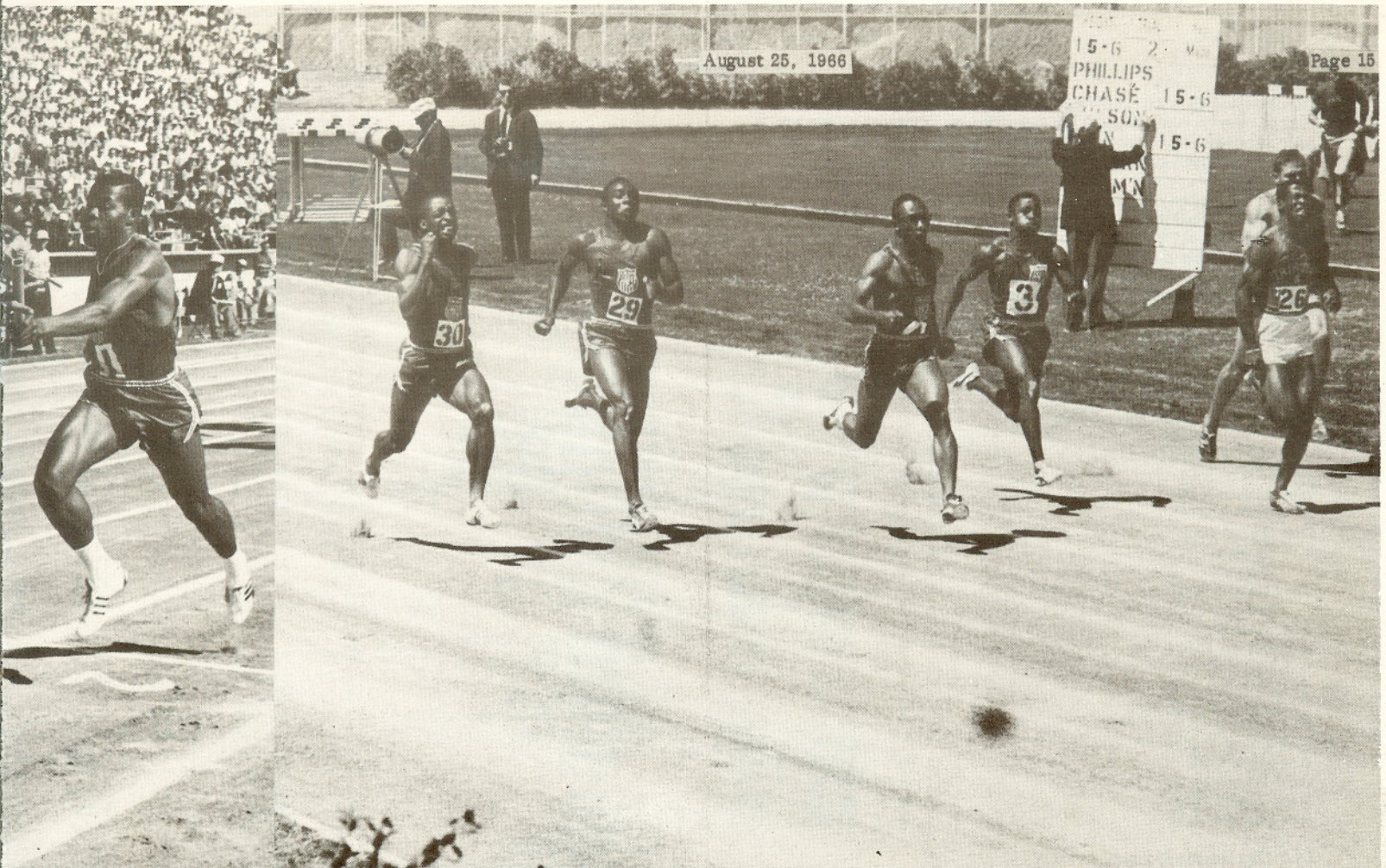
The following lists are believed to be the all-time best hurdle doubles and triples according to the Portuguese Tables. Separate lists have been compiled for the best one-day hurdle doubles and triples as hurdle events. The high hurdle marks consist of either 110-meters or 120-yards over 42" hurdles; low hurdle marks include straightaway or turn marks at 200-meters or 220-yards over 30"

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ALL-AMERICAN INVITATIONAL (Photos by Alan Shapiro)
(Left to right, top to bottom) 1. Trinidad's BENEDICT CAYENNE leads the 800 from DAVE PATRICK, eventual winner TOM FARRELL (1:47.6), TED NELSON, PRESTON DAVIS and GEORGE HUNT. 2. LEE EVANS hands off to TOMMIE SMITH in the mile relay, won in 3:04.7. 3. The 100-meter final includes (from left) GEORGE ANDERSON, JIM HINES, CHARLIE GREENE (the winner in 10.3), BILL GAINES, ED ROBERTS and RUSS HODGE. 4. In the 10,000m were (from left) VAN NELSON, RON LARRIEU (the winner in 28:54.2), TOM LARIS, JOHN LAWSON, RICK RILEY, DOUG BROWN and BOB PRICE. 5. FRANK COVELLI took second in the javelin at 260'4", his best of the year. 6. PAUL WILSON captured the pole vault competition at 16'6" against a strong headwind.

hurdles; and the "intermediates" include 440-yard or 400-meter marks over 36" hurdles. The "non one-day" lists show the top 10 marks in what is considered a "performance" list. Each time an athlete improves one of his marks the new score is added to the list.

Four men dominate the all-time lists. Don Styron, with 2922 points, is the all-time hurdle triple leader, having retained this position against all-comers since the last compilation in the March 1962 T&FN. His low hurdle world record is one of the biggest point getters as his other two marks only place him fourth on the all-time doubles list. Jerry Tarr, second on the triples list with 2920 points, leads the doubles list by 27 points with a fine 1965 points. Rex Cawley and Martin Lauer, each a world record holder in one of the hurdle events, are third and fourth respectively on the triples list, but reverse positions to second and third on the doubles list.

Abbreviations used: y=yard time; m=metric time; s=straight-away; t=full turn.

All-Time Hurdle Doubles

	HH	IH	Total
Jerry Tarr (US)	13.3y	50.3y	1965
Martin Lauer (Germany)	13.2m	51.2m	1938
Rex Cawley (US)	13.9m	49.1m	1936
Don Styron (US)	13.7y	50.1y	1933
Cawley	13.9m	49.6y	1930
Styron	13.8m	50.1y	1924
Billy Hardin (US)	13.9y	49.8m	1915
Tarr	13.3y	52.0y	1914
Cawley	13.9m	49.9m	1912
John Bethea (US)	13.7y	50.5m	1912
Jim Miller (US)	14.0y	50.1y	1906
Geoff Vanderstock (US)	14.0y	50.2y	1903
Fran Washington (US)	13.6y	51.5y	1901
Shih-chiang Laing (China)	13.6m	51.8m	1884
Bobby May (US)	13.7m	51.8y	1882
Jim Allen (US)	14.2y	50.1m	1879
Gert Potgeiter (S Africa)	14.6y	49.3y	1876
Tony Lynch (US)	14.1y	51.1y	1867
Rex Stucker (US)	14.0y	51.3m	1861

One-Day Hurdle Doubles

Jerry Tarr (US)	13.3y	52.0y	1914
Don Styron (US)	14.0y	50.1y	1906
Russ Rogers (US)	13.7y	51.5y	1891
Martin Lauer (Germany)	13.7m	51.5m	1882
Bob Steele (US)	14.1y	50.7y	1879
Chris Stauffer (US)	14.1y	50.9y	1873
John Bethea (US)	13.9y	51.7y	1867
Tom Wyatt (US)	13.9y	51.8y	1864
Larry Livers (US)	13.9y	52.0y	1858
Rex Cawley (US)	14.1y	51.5m	1855
Styron	14.0m	51.5m	1855
Fran Washington (US)	14.0y	51.8y	1855
Vyacheslav Skomorokhov (USSR)	13.9m	52.0m	1850
Styron	13.8m	52.4m	1847
Rogers	14.0y	52.1y	1847
Washington	14.2y	51.5y	1846
Styron	14.1m	51.5m	1846
Tony Lynch (US)	14.2y	51.5y	1846
Salvatore Morale (Italy)	14.3m	50.9m	1846
Lynch	14.1y	51.8y	1846
Rogers	13.9y	52.5y	1844
Styron	14.2y	51.7y	1840
Leon Coleman (US)	13.9y	52.5y	1840
Lynch	14.4y	51.1y	1840
Bobby May (US)	13.8y	53.0y	1839
Bethea	14.2m	51.5m	1837
Jay Luck (US)	14.2y	49.4m	1900
Eddie Southern (US)	14.1y	49.7m	1900
Vasiliy Anisimov (USSR)	14.2m	49.5m	1897
Glen Davis (US)	14.3y	49.2m	1897
Salvatore Morale (Italy)	14.3m	49.2m	1897
Bob Steele (US)	14.1y	50.1y	1897
Tom Wyatt (US)	13.9y	50.5m	1894
Dick Howard (US)	14.2y	49.7m	1891
Larry Livers (US)	13.9y	51.0y	1888
Chris Stauffer (US)	14.1y	50.1m	1888
Wilfried Geeroms (Belg)	13.9m	50.8m	1885

All-Time Hurdle Triples

	HH	LH	IH	Total
Don Styron (US)	13.7y	21.9ys	50.1y	2922
Jerry Tarr (US)	13.3y	22.8yt	50.3y	2920
Styron	13.8m	21.9ys	50.1y	2913

Tarr	13.3y	22.6ys	50.3y	2901
Martin Lauer (Germany)	13.2m	22.5mt	51.2m	2880
Rex Cawley (US)	13.9m	22.5ys	49.1m	2880
Cawley	13.9m	22.5ys	49.6y	2874
Glen Davis (US)	14.3y	22.5mt	49.2m	2867
Styron	13.8m	21.9ys	51.5m	2862
Fran Washington	13.6y	22.3ys	51.5y	2860
Cawley	13.9m	22.5ys	49.9m	2856
John Bethea (US)	13.7y	22.5ys	50.5m	2856
Jim Miller (US)	14.0y	22.8mt	50.1y	2854
Dick Howard (US)	14.2y	22.3ys	49.7m	2850
Russ Rogers (US)	13.7y	22.6ys	50.6m	2845
Vasiliy Anisimov (USSR)	14.2m	22.8mt	49.5m	2845
Billy Hardin (US)	13.9y	22.8ys	49.8m	2837
Jay Luck (US)	14.2y	22.7ys	49.4m	2829
Elias Gilbert (US)	13.4y	22.1ys	53.6m	2825
Eddie Southern (US)	14.1y	22.9ys	49.7m	2814
Salvatore Morale (Italy)	14.3m	23.3mt	49.2m	2808
Rex Stucker (US)	14.0y	22.5ys	51.3m	2805
Gert Potgeiter (S Africa)	13.6y	22.8yt	49.3y	2798
Vyacheslav Skomorokhov (USSR)	13.9m	22.8mt	52.0m	2798
Chris Stauffer (US)	14.0y	23.1ys	50.1m	2797
Harrison Dillard (US)	13.6y	22.3ys	53.7m	2790
Jack Davis (US)	13.4m	22.8ys	53.7m	2771
Craig Dixon (US)	13.8m	22.5ys	53.7y	2764
George Walker (US)	14.2y	22.6ys	51.9m	2762
Ron Ablowich (US)	14.4y	22.6ys	51.5m	2755

One-Day Hurdle Triples

Don Styron (US)	14.0m	22.5ys	51.5m	2821
Styron	14.1m	22.2ys	51.5m	2812
Russ Rogers (US)	13.7y	23.5yt	51.5y	2795
Vyacheslav Skomorokhov (USSR)	13.9mh	22.9mt	52.0m	2790
Rex Cawley (US)	14.1y	23.3yt	51.5y	2773
Rogers	14.2y	23.2yt	51.5y	2772
Rogers	14.2y	23.4yt	51.9y	2745
Rogers	13.9y	22.6ys	54.0y	2739
Rogers	14.1y	23.6yt	52.3y	2729
Rogers	14.1y	23.7yt	52.6y	2706
Dave Klicker (US)	14.3y	24.0yt	51.6	2694
Klicker	14.8y	23.5yt	53.9y	2629
Cawley	14.5ms	23.5ms	52.0m	2615
Elias Gilbert (US)	14.6y	24.1yt	53.6y	2612
Fred Faucett (US)	14.6y	24.2yt	54.3y	2587

NCAA Medal Count Vs. Enrollment

by Jim Spier

The following is a compilation of gold medals won at the NCAA meets by member schools of various conferences in the US. First, the conference is listed, then the total number of first place honors by the member colleges, the total enrollment of all the schools in the conference, average enrollment per school in the conference, and finally a ratio of medals per students. The reliability of the percentage is limited by the enrollment figures, which of course are the latest available and do not take into account previous size or growth of the various conferences.

Conf	Medals	Total Enroll	Avg Enroll	Medals Student
AAWU	181	120,019	15,002	.001507
Big 10	161	266,802	26,680	.000604
Big 8	68	110,702	13,838	.000614
SWC	33	69,598	8,700	.000474
SEC	19	112,906	11,173	.000167
Ivy	19	70,790	8,848	.000268
WAC	18	72,030	12,005	.000250
CCAC	16	29,252	1,625	.000546
CCAA	15	70,326	11,721	.000213
SCIAC	8	7,518	1,253	.001064
ICC	7	29,736	4,248	.000269
CIC	7	23,966	3,978	.000292
Ohio C	6	28,758	1,917	.000209
MAC	5	10,915	1,092	.000459
Mo Val	5	69,530	8,691	.000072
AtCC	5	71,619	8,952	.000069

Indoor Track Surfaces

There are two types of surface used for major indoor competition: wood, where the track is usually banked around the turns, and dirt, clay or cinders. The size of track varies from eight to 12 laps to the mile.

(Reprinted from Melvyn Watman's Encyclopedia of Athletics)