

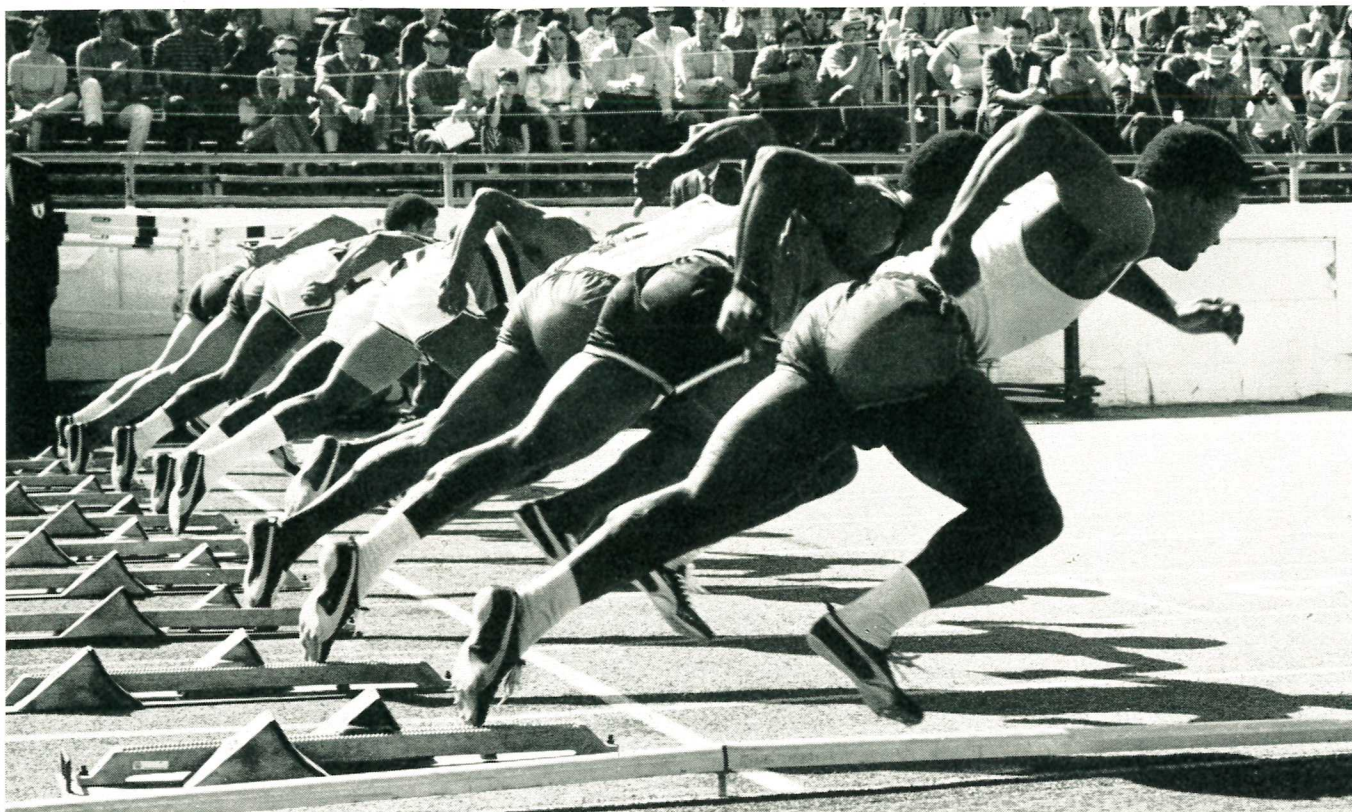


# TRACK & FIELD NEWS

August 1971

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Bible of the Sport

# TRACK & FIELD NEWS

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## In the Future

US CROSS COUNTRY  
October  
30 Northern Division, Pullman, Wash  
30 USTFF En Ch, University Park, Pa  
November  
6 Big 8 Conf, Lincoln, Nebr  
6 Mid-American Conf, Kalamazoo  
6 Missouri Valley Conf, Denton, Tex  
6 USTFF Mid-Am Ch, Kenosha, Wis  
8 Atlantic Coast Conf, Raleigh, NC  
8 Big Sky Conf, Pocatello, Idaho  
13 Cent Collegiates, Air Academy, Col  
13 Pac-8 Conf, Westwood, Calif  
13 Western Athletic Conf, Ft Collins  
15 Big 10 Conf, Minneapolis, Minn  
15 IC4A Ch, Van Cortlandt Park, NYC  
15 Southeastern Conf, Birmingham  
15 Southwestern Conf, Dallas, Tex  
20 Canadian Natl Ch, Halifax, NS  
20 USTFF Wn Ch, Fresno, Calif  
20 NAIA Ch, Liberty, Mo  
22 NCAA Ch, Knoxville, Tenn  
24 USTFF Ch, Atlanta, Ga  
27 AAU Ch, San Diego, Calif

December  
4 Wn Hemisphere Ch, Van Cortlandt

## INTERNATIONAL

September  
4 Intl Athletes Club, London, England  
4-5 Pre-Olympic, Munich, WG  
4-5 Canada-Italy, Italy  
11-12 Znamenskiy Mem, Kharkov, USSR  
11-12 WG-USSR Dec, Munich, WG  
11-12 Intl Univ Meet, Madrid, Spain  
18-19 Intl Jr Meet, Warsaw, Poland  
18-19 WG-USSR, Kiev, USSR  
20 EG-USSR Walks, Sochi, USSR  
25 GB-WG Walks, London, England  
25-4 South Pacific Gms, Papeete  
October  
3 Kosice Mar, Kosice, Czechoslovakia  
7-17 South American Ch, Lima, Peru  
24 100km Walk, Lugano, Switz

## Up Front

The all-conquering hero of the superb European Championships turned out to be Finnish home-son Juha Vaatainen, who scored sensational victories in both the 5000- (top) and 10,000-meters (bottom). His 13:32.6 5000 topped Jean Wadoux of France (c) and West Germany's Harald Norpoth (l), while his 27:52.8 10,000 made him third-fastest performer ever and paced a stellar field including defending champion and runner-up Jurgen Haase. /Ed Lacey, *Athletisme-L'Equipe* magazine/

## For the Record

The following outdoor record alterations have been reported since the 11 July issue: W=world; E=European; A=American; BC=British Commonwealth; HS=high school; "=" equals record; \*mark unlikely to be accepted; °=time en route to longer distance.

Pent	3319	HS	Alex Stencil ( <i>Bayonne, NJ</i> )	Trenton, NJ	June 27
100m	10.1	HS	Marshall Dill ( <i>Nn, Detroit, Mi</i> )	Windsor, Ont	July 1
200m	20.1	HS	Marshall Dill ( <i>Nn, Detroit, Mi</i> )	Windsor, Ont	July 1
200m	19.8	=W, BC	Don Quarrie ( <i>Jamaica</i> )	Calif, Columbia	Aug 3
TJ	57'1"	W	Pedro Perez ( <i>Cuba</i> )	Calif, Columbia	Aug 5
1-hour	12mi, 527 A		Bill Clark ( <i>WVTC</i> )	Mill Valley, Calif	Aug 7
SP	69'2"	E	Hartmut Briesenick ( <i>EG</i> )	Helsinki, Finland	Aug 13
3000m	7:44.0°	E*	Emile Puttemans ( <i>Belgium</i> )	Edinburgh, Scot	Aug 21
2Miles	8:17.8	W, E	Emile Puttemans ( <i>Belgium</i> )	Edinburgh, Scot	Aug 21



Bible of the Sport

August 1971  
Vol. 24, No. 13  
Worldwide Coverage

# Jamaican Quarrie, Cuban Perez Class of the World

from Casey Ide and Lloyd Swindells

Cali, Columbia, July 31-August 5--Insular neighbors Don Quarrie of Jamaica and Pedro Perez of Cuba produced surprising world record performances--only the third and fourth in Pan-American Games history--as the meet's sixth edition produced the finest overall set of results yet. The 3290-foot altitude no doubt played a favorable part as meet records were toppled in 15 of 24 men's events. Quarrie's 19.8 for 200-meters equaled Tommie Smith's world mark, while Perez's 57'1" triple jump added  $\frac{1}{4}$ " to Viktor Saneyev's record. Significantly, the marks of Smith and Saneyev were both established at 7350-foot Mexico City in 1968.

Although Quarrie was undefeated this season and is clearly the class of current furlong runners, his lifetime and seasonal best was only 20.4 for 220-yards going into the meet. And his best showing in the heats here was a windy 20.6. It was no small surprise then, when he blasted the equivalent of five-tenths off his best to equal Smith's mark, aided by a legal 2.13 mph breeze. And just as Smith did in his record race, Quarrie slowed dramatically in the last few strides to probably lose several tenths. Quarrie later said, "I was running strongly, but I knew I had the race so I didn't kick. Normally I do. If I had, I think I might have broken the record. I still think I can do 19.6." The race for the runner-up slot was a dandy, with young US prep Marshall Dill (18) and Trinidad's veteran Ed Roberts (29) almost inseparable at 20.3. Dill, who had been the fastest qualifier, with a windy 20.3, was finally given the nod. Inconsistent Willie Deckard ran a windy 20.6 behind Quarrie in the heats, then failed to finish in the final.

Two days earlier, Quarrie had taken the measure of countryman Lennox Miller to capture the 100 with a PR-equaling 10.2. Miller, also runner-up to Quarrie at the 1970 Commonwealth race, had a meet record 10.1 in the semis. With Jim Green scratching from the final with his tender leg, US hopes rested on Del Meriwether. The dashing doctor led the race for 60 meters, but was left behind there by the on rushing Jamaicans. Those bemoaning the poor US showing in this event can take heart in that American sprinters have captured only two of six Pan-Am century titles, the last being by Ray Norton in 1959.

Quarrie's mark may have been a surprise, but it was far surpassed in shock value by the big bounds of Perez. The 19-year-old Cuban had emerged as a young comer in 1970 with a world junior mark of 53'9", which he improved to 55'3 $\frac{3}{4}$ " earlier this year. That PR crumbled in the first round with his 55'6 $\frac{1}{4}$ " effort. His second jump was the big one, 57'1" (17.40). After breaking down in mid-jump on his next try, stumbling to 48'11 $\frac{1}{2}$ ", Perez finished up with three more jumps over his Pan-Am best--55'11", 56'2" and 56'4 $\frac{3}{4}$ ". Not counting the one bad jump, his series averages an incredible 56'2 $\frac{1}{2}$ ", and even with it a fine 55'1 $\frac{1}{4}$ ". Brazil's Nelson Prudencio popped 55'2 $\frac{1}{4}$ " for second, his best mark since finishing second to Saneyev's world mark in 1968.

Although hampered slightly by the altitude, Frank Shorter made good use of a favorable schedule to capture the two longest distance runs, taking the 10,000 on the first day of track and capturing the marathon five days later as track ended. They brought his South American win streak to five, coming on top of his three triumphs in conjunction with the Sao Paulo mid-night races. Bouncing back after consecutive second-place finishes in the duals against the Soviet Union and Africa, Shorter clocked 28:50.8 for a comfortable 14.4 margin over Mexican Juan Martinez, fourth placer in both

the 5000- and 10,000-meters races in the 68 Olympics. Shorter ran at the head of the marathon pack with AAU conqueror Ken Moore until the 18 mile mark. There, the altitude, 85° heat and humidity got to Moore, who told Shorter to go on, then staggered blindly off the course, suffering from heat prostration. Shorter left the rest of the pack far behind, his 2:22:40 giving him an almost four minute margin. Moore was hospitalized briefly and reported to be in good shape shortly afterwards.

John Smith ran his usual strong race in the one-lapper, overtaking quick-starting teammate Fred Newhouse at the top of the last curve and pulling away for a 44.6 victory. The time is Smith's second-fastest ever, while second and third placers Newhouse and Peruvian Fernando Acevedo got PRs at 45.0 and 45.3. Acevedo later took fourth in the 200 in a national record 20.6.

An interesting development occurred in the weight events, as all four US AAU champions were shunted to second place. Al Feuerbach's 64'10" put shot down Karl Salb's 62'8" effort, as no other competitor topped 60-feet. In the discus, underrated Dick Drescher got a big 204'3" PR (from 201'11") to best Tim Vollmer at 200'4". Evergreen Al Hall hammered 216'0" to regain the titles he had taken in 1959 and 1963, topping George Frenn's 215'5 $\frac{1}{2}$ " in the process. (This was only the second loss suffered by Frenn to another American since 1969.) NCAA champ Cary Feldmann annexed the javelin title with a 267'5 $\frac{1}{2}$ " toss, as Bill Skinner managed 263'7 $\frac{1}{2}$ " for second.

The only possible threat to Rod Milburn in the high hurdles, Ron Draper, false-started twice and was eliminated. Milburn then breezed to a 13.4 triumph, four-tenths up on former Texas Southern hurdler Arnaldo Bristol of Puerto Rico. The intermediates was a US race all the way, as Ralph Mann and Jim Seymour ran 49.1 and 50.3, with the third placer at 51.6. Mann was reportedly hopeful of a time in the low 48s, but a strong wind necessitated a shift to 15 steps at the fifth hurdle.

An illness-weakened Pat Matzdorf leaped a sub-par 6'10 $\frac{3}{4}$ " in the high jump to win the title on the fewer misses rule. This was only his fourth performance under 7-feet in 21 meets indoors and out in 1971. In the other vertical jump, Jan Johnson scaled an outdoor PR 17'5 $\frac{3}{4}$ " to again steal a big title from Dave Roberts, who topped 17'3 $\frac{3}{4}$ ", his 10th 17-footer of the year and career. Johnson stands 3-2 over Roberts. Arnie Robinson stretched 26'3 $\frac{3}{4}$ " in the long jump to best Bouncy Moore by 1 $\frac{1}{2}$ " to keep it an all-San Diego, Calif. affair and even their seasonal score at 3-3.

Russ Hodge's 4038 total paced the decathlon field through the first day, giving him an 81 point bulge on teammate Rick Wanamaker. But the gangly Wanamaker came on strongly in the second half, equaling his decathlon best of 14.8 in the high hurdles and getting a PR 15'1 $\frac{1}{4}$ " vault en route to a 7647 total. Hodge's runner-up total was 7445.

In the two lap race, Byron Dyce held back too far off the pace and his final rush was not enough as Ken Swenson and Art Sandison ran 1:48.0 and 1:48.4. Six of the first seven finishers in the race were US-trained. Canada's Bill Smart took a game shot at Marty Liquori in the final stages of the 1500, closing quickly, but Liquori held on for an easy victory, 3:42.1 to 3:43.3.

Goetz Klopfer and Tom Dooley reversed their finish of the AAU 20-kilo event as Klopfer strode 1:37:30 for the win. In the 50-kilo pedestrian event, Larry Young did 4:38:31 to become the only athlete to successfully de-

(Left): Tape draped around his waist, Don Quarrie (r) crosses the finish line to win the Pan-Am 200-meter title in a global record matching 19.8. Super-prep Marshall Dill of the US (l) claimed the silver medal by an eyelash over Ed Roberts, both sprinting 20.3s. Dill clocked another 20.3 earlier in the semis. /Margaret Larrabee/



(Right): Hands high, Ken Swenson hits the tape the winner of the Pan-Am 800 with 1:48.0. Behind him the battle for second was tight all the way. Both Yank Art Sandison (c) and US-trained Jamaican Byron Dyce (l) clocked 1:48.4 but Sandison received the nod for the silver medal by a bare margin. /Margaret Larrabee/



John Smith (c) continued his winning ways at the Pan-American Games as he claimed the 400-meters in 44.6. US teammate Fred Newhouse (l) lowered his PR to 45.0 in placing second while Peruvian Fernando Acevedo (r) dashed 45.3 in third. Newhouse and Smith later helped the US to a 3:00.6 1600-meter relay victory. /Mike Larrabee/

found a title won in the 1967 games at Winnipeg.

A fast, and smooth, Jamaican combo captured the sprint relay with a 39.2 clocking with a Cuban foursome zipping 39.8 for second. A patchwork US team of Milburn, Draper, Dill and Deckard also timed 39.8 in third. As usual, poor stickwork cost the US squad. There is very little baton proficiency required in the 1600-meter relay, and American one-lappers are nonpareil. As a result, Dale Alexander, Newhouse, Tommie Turner and Smith combined for a 3:00.6 victory, the sixth fastest performance in world history.

100m(8/1, 0.0 mph), Quarrie (Jam) 10.2; 2. Miller (Jam) 10.3; 3. Meriwether (US) 10.3; 4. Montes (Cuba) 10.4; 5. Ramirez (Cuba) 10.4. Heats (7/31): I(nwi)-1. Montes 10.3; 2. Meriwether 10.3. II(4.25)-1. Green (US) 10.5. III(windy)-1. Quarrie 10.1; 2. Ramirez 10.3; 3. Sands (Bah/NYHS) 10.4. IV(5.59)-1. Miller 10.3. Semis(8/1): I(9.39)-1. Quarrie 10.2; 2. Ramirez 10.3; 3. Meriwether 10.3; 4. Francis (Can/Stan) 10.3. II(2.01)-1. Miller 10.1 MR; 2. Montes 10.2;... 4. Green 10.6 (did not run final, inj).

200m(8/3, 2.13 mph), Quarrie (Jam) 19.8=WR, BCR 2. Dill (US) 20.3; 3. Roberts (Trin) 20.3; 4. Acevedo (Peru) 20.6; 5. Lawson (Jam) 20.9;... dnf--Deckard (US). Heats(8/2): I(nwi)-1. Deckard 20.8. II(nwi)-1. Quarrie 21.0. III(nwi)-1. Dill 20.9. IV(nwi)-1. Roberts 20.9. Semis(8/3): I(6.93)-1. Quarrie 20.6; 2. Deckard 20.6. II(4.92)-1. Dill 20.3; 2. Roberts 20.7.

400m(8/1), Smith (US) 44.6 MR; 2. Newhouse (US) 45.0; 3. Acevedo (Peru) 45.3; 4. Daley (Jam) 46.5; 5. Case (Jam) 46.8. Heats(7/31): I-1. Acevedo 45.8; 2. Smith 47.6. II-1. Newhouse 45.8. Semis(7/31): I-1. Smith 46.1; 2. Acevedo 46.3. II-1. Newhouse 45.6; 2. Case 46.7. 800m(8/3), Swenson (US) 1:48.0 MR; 2. Sandison (US) 1:48.4; 3. Dyce (Jam) 1:48.4; 4. Stewart (Trin) 1:48.8. 1500m(8/1), Liquori (US) 3:42.1; 2. Smart (Can) 3:43.3; 2. Crawford (US) 3:43.7.

5000m(8/2), Prefontaine (US) 13:52.6; 2. Stageberg (US) 14:01.0; 3. Per-

## Hodge's Dilemma With Officials

Decathlete Russ Hodge participated in the Pan American Games at Cali, Columbia, and finished second with a mediocre-for-him effort of 7445 points. Here, he relates some of the difficulties he personally encountered while competing in a sport where officials are not familiar with all the nuances of the rules and their interpretations.

Cali was a fiasco! It was very disappointing to me, as I was in good condition, the facility was good and I had expected to do a fine job.

It started off in the long jump. First, they wouldn't let us take any run-throughs, in fact an official sat down in a chair in the middle of the runway and would not move. There was no interpreter there to explain anything, even though I protested, so my first jump was for steps which was 21'1 $\frac{1}{4}$ ". My second was good but a foul. The third was a fair one at 23'1 $\frac{1}{2}$ " but about eight inches in back of the board. I got up, looked over at the markers to get an estimate of how far I had jumped, walked over to the side of the pit, which was about six pits in one (a big sand pit). As I was walking back to put on my sweats, I turned back and saw the official waving a red flag. I went back to see what the story was and after about 10-15 minutes, they explained to me that my jump was a foul because I did not walk straight ahead out of the pit. There is no regulation regarding the way you walk out of the pit and, if so, it should have been explained to me before jumping. I protested to no avail, so I lost a great many points to begin with, which rather disillusioned me throughout the entire competition as far as performing well.

In the hurdles, I ran 15.4, which I was unhappy with. (Incidentally, they seeded me with the worst competitors in each flight.) There was only one man running with me in my flight--and he ran 18.9. Somehow, that got my time messed up and gave me 16.8 in the hurdles, which was evidently changed two days later, after the competition, to the original time of 15.4.

To further complicate things, my first throw in the javelin throw was about 190-feet, second (which was my best) about 210-feet, which was disqualified because it didn't stick in the ground. I protested again, and an Olympic official came out of the stands and said that a javelin throw didn't have to stick in the ground but hit point first, but it was too late for my throw.

I nearly got disqualified because I left the field to go to the bathroom. They didn't tell me that I had to ask "May I?"

We didn't have a running score throughout the entire competition, and it wasn't until two days after the competition that we knew what the score was. Needless to say, it wasn't a very happy experience.

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# A Jumping Jack Revelation Bounds From Castro-Isle

When Cuba's surprising teenager Pedro Perez upped the world triple jump record by  $\frac{1}{4}$ " and his own former best by leaps and bounds, at the Pan-American Games, he ignited a blaze of questions. Chief among them was: who in the world is Pedro Perez?

In a superb series which saw him surpass his former best on five of six jumps, to become the youngest world record holder in the three-leap event, the slender 19-year-old from Fidel Castro's island stronghold: tacked  $\frac{1}{4}$ " on the former world record of 57' $\frac{3}{4}$ " set in winning the 68 Olympics by Soviet Viktor Saneyev; shattered his own former personal, national and global age-19 records of 55' $\frac{5}{8}$ " set earlier in the year (which had obliterated the former mark of 53' $\frac{3}{8}$ " set in 1967 by Soviet Igor Tarasyuk); and averaged 56' $\frac{1}{2}$ " for five jumps and 55' $\frac{1}{4}$ " for all six (Saneyev averaged 55' $\frac{7}{8}$ " in his Olympic series).

Statistics aside, the question remained, who is this phenomenal young jumping talent from a nation which had never produced a field event winner in either the Olympic or Pan-American Games? Who is this jumping jack who exceeded one of the Mexico Olympics' "super" records, set in the less-resistant atmosphere of the 7357-foot city?

He was born Pedro Perez Duenas Feb. 23, 1952 in Pinar del Rio province and now stands 5' $\frac{10}{16}$ " and 148-lbs. In the manner of Spanish-speaking persons, his mother's maiden name is tagged onto the family or father's surname for easier identification. (It is said there are hundreds of Pedro Perezes, for example, but fewer Pedro Perez Duenases.) He is preparing to enter medical school.

Perez's first sport was basketball and when he first turned to track it was as a high jumper. He then tried the long jump before finding his event, the triple jump. In 1968 he leaped 49' $\frac{1}{2}$ " and in just a year's time had reached 51' $\frac{9}{16}$ ".

Last season was notable for Perez as he collected two age records, his regional championship and some valuable international experience. In early January, he won the Cuban title with his first-ever record, an age-17 mark of 53' $\frac{9}{16}$ ". In early March, after turning 18, he bounded 53' $\frac{7}{16}$ " for that age best. He won the Central American Games with that leap and sailed 53' $\frac{3}{16}$ " for 10th in the blue-ribbon Universiade competition in September--in which he got his first exposure to masters such as Saneyev and Nikolay Dudkin, Jorg Drehmel of East Germany, Carol Corbu of Rumania, Giuseppe Gentile of Italy and Nelson Prudencio of Brazil.

He gave indications of bigger things to come when he reached 55' $\frac{3}{16}$ " this May for his third consecutive global age mark, this one for 19. He also topped his previous best with 54' $\frac{3}{16}$ " and defended his Central American championship less than three weeks before his biggest day yet, Aug. 5 at



Pedro Perez  
/courtesy Oscar Medina/

3290-foot Cali.

"I never expected such a performance," the friendly new record holder said after the Pan-Am competition--and neither did much of the track world.

Perhaps as much a question of who is Perez is how could such a youthful newcomer to international triple jump runways fly to such a record record? An athlete from a nation which has had only one other world record holder before him, a runner at that and not a field eventer?

Certainly the precise inner and outer forces motivating Perez into record annals may never be fully understood, even by himself. But one prime force may be his coach. Leonid Shcherbakov of the USSR is one of several outstanding Soviet coaches in various sports to be sent to Cuba to instruct the nation's budding athletes. Shcherbakov certainly should be able to teach any triple jumper some things: he held the world record in 1953 (53' $\frac{2}{8}$ "'), won two European titles (50, 54), the 1952 Olympic silver medal and reached a career best of 54' $\frac{0}{16}$ ". He was the first of the Soviet Union's world record-breakers in this technically-precise event. An advocate of the double-arm jumping technique, he commented before the record-breaking Pan-Am competition, "There are two more jumpers in Cuba capable of reaching 16.40-meters/53' $\frac{9}{16}$ ".

This statement points to another possible source of Perez's sudden emergence: as in many communist nations, sports and nationalism are closely linked. Cuba particularly recognizes the considerable propaganda value of fielding strong athlete teams, particularly over its other Latin American neighbors to whom sports are equally significant. When the Cuban Pan-Am team arrived home from Cali, a crowd estimated at between 30,000 and 40,000 greeted the athletes and gave the longest and loudest ovation to one Pedro Perez when the Cuban super-stars were introduced. The welcoming was highlighted by the appearance of Fidel Castro and "El Comandante" spoke for nearly an hour on the revolution as expressed in sports. Later, Jorge Garcia Bango, director of the national sports service, reaffirmed that the island nation will continue to be heard from in track as well as other sports as he recited the service's slogan, "We always can do more."

Before Perez's explosion to fame at Cali--as well as the successes of Cuban teams in baseball and volleyball, both of which upset squads from the US for gold medals--Cuba's only other track world record holder had been stocky sprinter Enrique Figuerola who matched the global 100-meter mark of 10.0 in 1967. He finished third in the 64 Olympic 100 and anchored the Cuban sprint relay to second at Mexico. Figuerola now heads the nation's track federation. The country had previously been strong in post-war Pan-Am Games but had had little impact internationally or in the Olympics before "El Figaro". Never had Cuba produced a field eventer of international promise until Aurelio Janet Torres placed 11th in the 1968 Olympic javelin final at age 23 with 245' $\frac{8}{16}$ ". But Torres died in an auto crash just months later, and before Perez the sprinters once again carried the Cuban colors most prominently, Hermes Ramirez and Pablo Montes prime among them.

Cuba seems to get the most out of her athletes after they reach international stature, as exemplified by the decade-long career of Figuerola. It is probably safe to assume the track world will be hearing from Pedro Perez, and some new names as well, for some years to come. □

ez (Mex) 14:04.0. 10,000m(7/31), Shorter (US) 28:50.8 MR; 2. Martinez (Mex) 29:05.2; 3. Mejia (Col) 29:06.8; 4. Bjorklund (US) 29:18.4. 3000mSt (8/5), Manley (US) 8:42.2; 2. Sink (US) 8:43.0; 3. A. Villanueva (Mex) 8:46.0. Mar(8/5), Shorter (US) 2:22:40; 2. Garcia (Mex) 2:26:30; 3. Barreneche (Col) 2:27:10; 4. Mejia (Col) 2:27:59; dnf--Moore (US) heat prostration. 20,000mWalk(8/1), Klopfer (US) 1:37:30; 2. Dooley (US) 1:38:16; 3. Oliveros (Mex) 1:40:26. 50,000mWalk(8/3), Young (US) 4:38:31; 2. Hernandez (Mex) 4:38:46; 3. Knifton (US) 4:42:14.8.

110mHH(8/5, ok), Milburn (US) 13.4 =MR; 2. Bristol (P Rico) 13.8; 3. Morales (Cuba) 13.8; 4. Murray (Jam) 13.9; ..two false starts--Draper (US). Heats(8/4): I(nwi)-1. Milburn 13.7; 2. Murray 13.9. II(4.18)-1. Morales 13.7; 2. Draper 14.1. 400mIH(8/3), Mann (US) 49.1 MR; 2. Seymour (US) 50.3; 3. Hidalgo (Ven) 51.6. Heats(8/2): I-1. Mann 51.7. HJ(7/31), Matzdorf (US) 6' $\frac{10}{16}$ "; 2. Wedman (Can) 6' $\frac{10}{16}$ "; 3. Arbulu (Peru) 6' $\frac{8}{16}$ ". PV(8/4), Johnson (US) 17' $\frac{5}{16}$ " MR; 2. Roberts (US) 17' $\frac{3}{16}$ "; 3. Simpson (Can) 16' $\frac{1}{16}$ ". LJ(8/3, nwi), Robinson (US) 26' $\frac{3}{16}$ "; 2. Moore (US) 26' $\frac{2}{16}$ "; 3. Mason (Can) 25' $\frac{1}{16}$ ". TJ(8/5, jumps past first nwi), Perez (Cuba)

The first-ever international victory for Dick Drescher (c) was a big one as his PR discus toss of 204' $\frac{3}{16}$ " won the Pan-American title from US teammate Tim Vollmer (l) and Canadian Ain Roost (r). Vollmer reached 200' $\frac{4}{16}$ " for the silver medal and Roost, formerly of Utah State, 190' $\frac{5}{16}$ " in third. /Mike Larrabee/

57' $\frac{1}{16}$ " WR; 2. Prudencio (Braz) 55' $\frac{2}{16}$ "; 3. Craft (US) 53' $\frac{6}{16}$ ". SP(8/2), Feuerbach (US) 64' $\frac{10}{16}$ "; 2. Salb (US) 62' $\frac{8}{16}$ "; 3. Mercer (Can) 59' $\frac{1}{16}$ ". DT(8/1), Drescher (US) 204' $\frac{3}{16}$ " MR; 2. Vollmer (US) 200' $\frac{4}{16}$ "; 3. Roost (Can) 190' $\frac{5}{16}$ ". HT(8/4), Hall (US) 216' $\frac{0}{16}$ " MR; 2. Frenn (US) 215' $\frac{5}{16}$ "; 3. Pyenyrua (Urug) 201' $\frac{11}{16}$ ". JT(8/3), Feldmann (US) 267' $\frac{5}{16}$ " MR; 2. Skinner (US) 263' $\frac{7}{16}$ "; 3. Morales (P Rico) 249' $\frac{9}{16}$ ".

Dec(8/1-2), Wanamaker (US) 7647 (11.3, 22' $\frac{9}{16}$ ", 48' $\frac{6}{16}$ ", 6' $\frac{4}{16}$ ", 49.6, 14.8, 150' $\frac{11}{16}$ ", 15' $\frac{1}{16}$ ", 190' $\frac{9}{16}$ ", 5:16.0); 2. Hodge (US) 7445 (10.8, 21' $\frac{1}{16}$ ", 53' $\frac{3}{16}$ ", 6' $\frac{2}{16}$ ", 48.9, 15.4, 139' $\frac{9}{16}$ ", 12' $\frac{5}{16}$ ", 188' $\frac{1}{16}$ ", 5:04.9); 3. Mirabal (Cuba) 7295 (10.7, 23' $\frac{4}{16}$ ", 42' $\frac{8}{16}$ ", 5' $\frac{10}{16}$ ", 49.1, 15.0, 134' $\frac{3}{16}$ ", 13' $\frac{1}{16}$ ", 167' $\frac{11}{16}$ ", 5:06.4).

400mR(8/5), Jamaica 39.2 (Daley, Lawson, Quarrie, Miller); 2. Cuba 39.8 (Bandomo, Montes, Morales, Ramirez); 3. United States 39.8 (Milburn, Draper, Dill, Deckard). 1600mR(8/5), United States 3:00.6 MR (Alexander, Newhouse, Turner, Smith); 2. Jamaica 3:04.0 (Priestley, Campbell, Daley, Case); 3. Trinidad-Tobago 3:04.5 (James, Bernard, Cayenne, Roberts); 4. Canada 3:04.9 (Gordon, Aynsley, Blackman, Chapman). □

The javelin award ceremony at Cali was reminiscent of the Mexico Olympic 200 ceremony. At Cali, Puerto Rican Armando Morales (l) raised a clenched fist to signify support for Puerto Rican independence. The action came during the US national anthem for Cary Feldmann's (c) 267' $\frac{5}{16}$ " win over Bill Skinner (r) and Morales. /Mike Larrabee/



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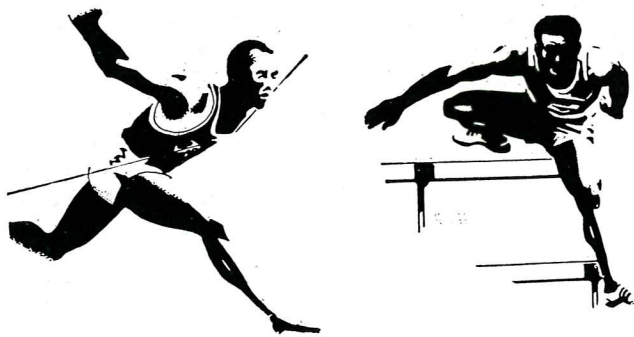
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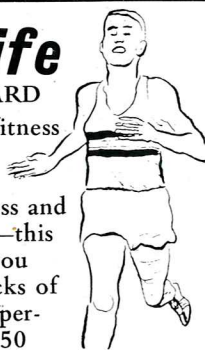
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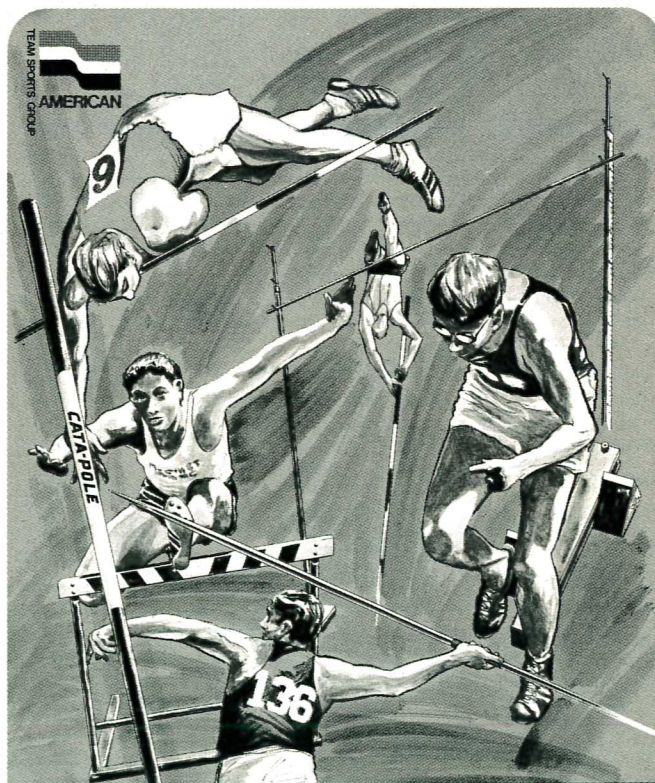
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# Vaatainen Dazzles Finns With Two Mad Dashes

from R.L. Quercetani, Hakan Nordqvist, Dick Bank, D.H. Potts and Don Steffens

Helsinki, Finland, Aug. 10-15--In more ways than one, the X European track and field championships were unanimously hailed as the best ever. Not only was the competitor sensational, but the organization, public interest and support and, yes, even the weather were superb.

Although only one European record was broken, when East German Hartmut Briesenick pushed the shot 21.08/69'2" to place him second all-time only to Randy Matson, the six-day meeting offered plenty of breath-taking struggles. For sheer drama, no event surpassed the 10,000-meters, won by home-son Juha Vaatainen after Dave Bedford of Britain set a fast pace up to the last lap. Vaatainen later earned a double triumph by easily winning in the 5000. Another impressive doubler was Soviet sprinter Valeriy Borzov, who defended his 100-meter title with 10.3 and took the 200 at 20.3, just a tenth off his own European record. Peerless veterans Janis Lusia and Wolfgang Nordwig both won again, Lusia for a record fourth consecutive time in the javelin and Nordwig for the third in the vault. Yet Lusia, Nordwig, Borzov and East German decathlete Joachim Kirst were the only defending champions to win again of the 24 crowned at Athens in 1969. A total of 13 meet bests were broken and two matched.

semi, matching Borzov's winning effort in the other semi, but was injured in the final and limped home last in 11.4. Also bounced in the semis was young West German Karl-Heinz Klotz, 10.1 this year but who has been hampered by injuries and lack of big-time international experience. Even less spectacular was East German Manfred Kokot, who surprised with a European record matching 10.0 earlier in the year but was nothing of that sort of sprinter here as he ran an eliminating heat time of 10.8.

This victory was much like Borzov's Athens triumph: he bucked wind both times, he was on the outside of the track both times (lane eight at Athens and seven here), he won as he pleased both times. That has almost become a habit with 22-year-old sprinter from Lvov in the Ukraine--and right now there doesn't seem to be anyone around capable of breaking that habit.

**RESULTS** (8/11, -2.9 mph), Borzov (SU) 10.3 =MR; 2. Wucherer (WG) 10.5; 3. Papageorgopoulos (Gr) 10.6; 4. Schenke (EG) 10.6; 5. Nowosz (Pol) 10.7; 6. Kornelyuk (SU) 10.7.

## 200 METERS

It seemed to make no difference at all to Valeriy Borzov that the 200 was twice as far as the 100-meters he had won two days previously. He dominated this field with the same ease he did the short dash contestants--



Valeriy Borzov happily shows off a gold medal won in the European Championships sprints. He took the 100 with 10.3 and the 200 at 20.3. /Knut Holm/



"No!" screams Britain's Dave Jenkins after winning the European 400. He thought Italian Marcello Fiasconaro edged by him to win. Both ran 45.5. /Ed Lacey/

East Germany continued as the strongest country overall, both in terms of stars and supporting depth, even though the USSR tallied seven gold medallions to East Germany's six. West Germany returned well after bypassing the 1969 meet due to the Jurgen May dismissal affair. Other nations, notably the western ones, relied on a few individuals.

The organization and presentation were as close to perfection as possible. The cost of electronic apparatus alone was estimated at a half million dollars and provided virtually every piece of information--from wind readings while races and jumps were in progress to announcements of every marathoner entering the stadium, and much more.

The Finnish public responded enthusiastically. Crowds over 42,000--which filled the 1952 Olympic Stadium to capacity--were recorded on three occasions as nearly 200,000 viewed the six-day proceedings. The weather was virtually ideal, save for two showers on the last day, mostly before and after action on the track. But those sprinkles couldn't dampen the enthusiasm of athletes, organizers and spectators alike at this, the finest continental championships yet.

## 100 METERS

Soviet speedster Valeriy Borzov proved himself Europe's steadiest sprinter in over a decade as he defended his 100-meter championship--and emerged an early favorite for the Olympic Games as a result.

His 10.3 clocking in the final is average considering the Tartan track and the stature of this meet, which might be expected to draw superb efforts from athletes. Still, Borzov ran away from the field to remain undefeated in 1971 and even equaled the meet record. Not an especially fast starter, his acceleration from 30-meters on just kept putting more and more track between him and the field. The Longines Photo Timer indicated .21 seconds between Borzov and the next runner--the widest margin of victory in a major championship since Bob Hayes' 1964 Olympic victory in Tokyo. Borzov's time is well off the track record of 10.0 set in June by Jean-Louis Ravelomanantsoa but that was a hand time. The electrical times are 10.26 for Ravelo and 10.27 for Borzov. And Borzov bucked a 2.9 mph wind. He has handled the US', Europe's and Jamaica's best over the past three seasons.

Second in this race went to the veteran West German Gerhard Wucherer in 10.5 with Greek Vassilios Papageorgopoulos third a tenth back. Wucherer clocked 10.3 in his heat but all times were well off pre-Helsinki efforts--thanks to the stiff head winds. Switzerland's Philippe Clerc, third in 1969, ran last in his semi in 10.7. Frenchman Gilles Echevin flashed 10.4 in his

and his margin of victory ended up to be about twice as much. In the 100, he won by over two yards in 10.3 and in the 200 he won by over four yards in a fine 20.3, just a tenth off the continental record he set earlier in the year and chipping three-tenths from the meet record set at Athens by Swiss Philippe Clerc.

In the race, run in virtually still wind conditions unlike the wind hampered 100, Borzov powered hard around the curve, emerged into the straight with a sizeable lead and never let up until he crossed the finish line some four yards ahead of the German triumvirate of Westerner Franz-Peter Hofmeister and Easterners Jorg Pfeifer and Siegfried Schenke. They waged a furious tussle and finished in that order, all with 20.7.

"It was not as easy to win the 200 as the 100," the 5'11½", 174-lb. Borzov commented later. "The 200 was harder because I was tired from the 100. In every race, there are people who want to beat me, but I don't have time to worry about them. I haven't lost over 200 in Europe in two years--but then I haven't run it very often." Prior to his 20.2 this year, his best stood at 20.5 set last year.

The 1969 medalists had a rough time as Clerc was clearly not the same sprinter as two years ago and ran 20.9 for fifth. Bronze medalist Zenon Nowosz of Poland ran last in his semi in 21.6 while silver medalist Hermann Burde didn't even make the East German team. Britain's Martin Reynolds, Europe's best last year (20.6 windy, seventh in World Ranking) hasn't come close to duplicating that form this year and ran 21.7 for sixth in his heat. Jean-Claude Nallet, Jan Werner, Markku Kukkoaho and Aleksandr Bratchikov all elected to concentrate on the 400 flat or hurdles and 100-meters runner-up Gerhard Wucherer wasn't entered. Even if they all had been entered, Borzov clearly showed they might have had an interesting fight for second place.

**RESULTS** (8/13, 0.0), Borzov (SU) 20.3 MR; 2. Hofmeister (WG) 20.7; 3. Pfeifer (EG) 20.7; 4. Schenke (EG) 20.7; 5. Clerc (Switz) 20.9; 6. Menna (It) 20.9.

## 400 METERS

Probably the closest finish of the championships saw two promising youngsters give every indication they may be ready to challenge the US' seemingly bottomless reservoir of one-lap talent. Britain's 19-year-old Dave Jenkins remained undefeated in finals as he scored a meet record 45.5 victory, barely holding off Italy's transplanted South African Marcello Fiasconaro, who clocked the same time.



(Left): Soviet Yevgeniy Arzhanov hasn't lost an outdoor 800-meter race since the European final of 1969 and this victory at Helsinki in 1:45.6 kept that record intact. He defeated defending champ Dieter Fromm (c) of East Germany, 2nd in 1:46.0, and Britain's Andy Carter (l), 3rd at 1:46.2. /Ed Lacey/



(Right): Bearing up under the traditional victory wreath, unheralded Belgian Karel Lismondt wins the European marathon title with 2:13:09.0. He also ran 28:31.2 in that fast 10,000-meter final. /Mark Shearman/

Jenkins was not even one of the 10 fastest entrants in the meet yet defeated Fiasconaro, the quickest man entered with an earlier 45.5, by leading the entire lap in lane eight. The four favorites, West German Thomas Jordan, Fiasconaro, Poland's defending champion and meet mark setter Jan Werner and Jenkins, occupied lanes five through eight respectively. Jordan had the best position, far enough out not to be bothered by the turns yet with his principal rivals in front of him. Characteristically, he blazed out fast.

But Jenkins must have decided that would have to be his strategy too. "Since I was in lane eight I planned to run the first 200 faster than usual and I did," the 6'3", 178-lb. engineering student from Edinburgh said later. He sped past the 200 mark in 21.3--just a fifth off his all-time best for the 200 flat. His 300 time was 32.4 and he never saw an opponent until the last step when Fiasconaro's big rush barely fell short. After crossing the finish line, Jenkins clenched his fists and yelled, "No!", thinking he had lost. "I slowed in the last 10-meters because I thought I had won easily," he explained.

Werner finished nearly as strongly as the Italian and ran 45.6 in third while Jordan faded in the straight and was collared by surprising Finn Markku Kukkoaho, who ran 45.7 from lane one.

The track careers of both Jenkins and Fiasconaro have been short. Jenkins began running in 1968 after previously playing cricket and the next year sped 46.5 at age 17. An injury just prior to the 1970 Commonwealth Games prevented him from showing what he could do in big meets yet he returned shortly after with a 46.9 in an informal club match held on a grass track. Fiasconaro explained his emigration earlier this year. "My mother's family is from Belgium but my father is an Italian by birth so I can claim Italian citizenship. I lived in South Africa for seven years and played rugby down there. I began running only 10 months ago"--yet reached 46.5 in just his third race ever. Despite needing to polish his running style and more experience to learn pacing, his future appears bright.

The only other major development occurred in the semi-finals when two of the continent's one-lap veterans were eliminated. Poland's two-time Olympic finalist Andrzej Badenksi missed qualifying for the final by a tenth with 46.8, while Martin Jellinghaus, co-holder of the European record from West Germany, was knocked out in the second semi.

**RESULTS (8/13), Jenkins (GB) 45.5 MR; 2. Fiasconaro (It) 45.5; 3. Werner (Pol) 45.6; 4. Kukkoaho (Fin) 45.7; 5. Jordan (WG) 46.0; 6. Kohler (WG) 46.1.**

## 800 METERS

Undeclared in 33 outdoor races since a fourth place in the 1969 edition of the meet, Soviet Yevgeniy Arzhanov ran his string to 34 in demolishing a fine field of 800-meter runners, including defending champion Dieter Fromm of East Germany. The pair had not met since that race two years ago.

Placed in one of the outside lanes on the curved starting line, the 23-year-old Soviet stayed in the middle of the field for some time, while Britain's broad-shouldered Andy Carter led the pack to a fast 51.4 at 400-meters. There was a drop in the third 200, covered in 27.0. By then, however, Fromm had taken the lead. The German, who makes it a point to always run in the inner lane, kept driving hard, but Arzhanov was quick to follow and actually had the effrontery to pass him as they went round the last curve. The 5'10½", 163-lb. Arzhanov's 10.5 100-meter speed was readily evident in the homestretch, as he pulled away to a 1:45.6 victory. Arzhanov, who claims to train only 50 minutes a day in the summer and 1½ hours a day in the winter, stated that he may turn to the 1500 for Munich.

Fromm held off the stout Carter, who was bothered by a bad cold, 1:46.0 to 1:46.2. Fourth place went to Hans-Henning Ohlert of East Germany, a 19-year-old newcomer, with 1:46.9. West Germany's co-European record holder, Franz-Josef Kemper, stayed home to concentrate on studies.

**RESULTS (8/12), Arzhanov (SU) 1:45.6 MR; 2. Fromm (EG) 1:46.0; 3. A. Carter (GB) 1:46.2; 4. Ohlert (EG) 1:46.9; 5. Browne (GB) 1:47.0; 6. Plachy (Czech) 1:47.3. Heats(8/10): II-1. Carter (GB) 1:46.8.**

## 1500 METERS

Francesco Arese saw to it that the 1500-meters conformed to the pre-meet form charts as the 27-year-old Italian cruised to a 3:38.4 meet record triumph. He had set national records at distances from 800- (1:47.1) to 10,000-meters (28:27.0), had the continent's fastest time of the year at 3:36.3--and he substantiated his role as favorite with a three-tenth victory over Pole Henryk Szordykowski, who moved up a place from Athens.

The heats retired Soviet Mikhail Zhelobovskiy and Britain's Peter Stewart, both sub-3:40 this year, to the stands plus 1969 runner-up Frank Murphy. Briton Brendan Foster and Arese took turns pacing the 12-man final field, Arese with a 57.1 first lap while Foster kept the fire alive through 800-meters (1:57.7) and 1000-meters (2:29.5). The Italian was back in the lead at the bell and never relinquished first place. Szordykowski, who wasn't even one of the fastest dozen runners entered, probably lost whatever chance he had when he became boxed around the first turn of the final lap. The leaders timed 2:57.9 for 1200-meters, and the Pole made a determined effort just before that mark to join them. He had nailed Foster and his British teammate John Kirkbride by the head of the final turn, but the gangly Arese (6'1½", 152-lbs) was still in front. The Pole nearly drew even early in the stretch but Arese had too much run left and drew away to victory. The first two duplicated the finish of last year's European Cup race as Foster took third at 3:39.2 and Kirkbride fourth with 3:39.5. Possible winners Jean Wadoux and Harald Norpoth concentrated on the 5000 while Bodo Tummeler had a restricted year and defender John Whetton retired.

**RESULTS (8/15), Arese (It) 3:38.4 MR; 2. H. Szordykowski (Pol) 3:38.7; 3. Foster (GB) 3:39.2; 4. Kirkbride (GB) 3:39.5; 5. Boxberger (Fr) 3:39.6; 6. Dufresne (Fr) 3:40.7.**

## 5000 METERS

Four days after his sterling victory in the 10,000, Juha Vaatainen again turned on his blazing last-lap spurt to defeat a 5000 field whose previous credentials were far superior to his own. Two days earlier, the hometown hero showed his newly gained confidence, as he ran his heat in bold fashion, winning in 13:47.6, close to his 13:43.2 PR.

In the final, no one really tried to make it hard for him. Javier Alvarez of Spain was the leader for the greater part of the race, but the pace was not too hot. Said Vaatainen, "I went into the race with no technical plans, just to beat (Jean) Wadoux and (Harald) Norpoth." Things were remedied in part over the last kilometer. Vaatainen ran that in a scorching 2:28, but actually started his bid with about 300-meters to go. Wadoux and Norpoth never staged a real fight, and the Finn, still full of "feu sacre", went through the tape an easy victor--his 13:32.6 another meet and national record. His last lap was even swifter than in the 10,000, clockings ranging from 52.8 to 53.4.

Wadoux surged ahead of Norpoth in the closing stage, then barely held him off to take a silver medal, the first of any kind in a major international in his long career. Times for the two: 13:33.6 and 13:33.8. Dave Bedford, history's second-fastest performer, was selected for only the 10,000 in this meet and did not run. Fourth place went to 10,000 fourth placer Dane Korica of Yugoslavia, 13:35.0, who was the only other runner besides Vaatainen to make the finals in both the 5000 and 10,000.

**RESULTS (8/14), Vaatainen (Fin) 13:32.8 MR; 2. Wadoux (Fr) 13:33.6; 3. Norpoth (WG) 13:33.8; 4. Korica (Yug) 13:35.0; 5. Salgado (Sp) 13:35.8; 6. Puttemans (Bel) 13:36.6; 7. Viren (Fin) 13:38.6; 8. Malinowski (Pol) 13:39.4.**

## 10,000 METERS

The 10,000-meters will be remembered as one of the greatest distances races of all-time. Full of exciting action practically from the start, it turned to drama in the latter stage when Dave Bedford of Britain, the man responsible for the fast pace, found himself unable to stand the sudden turn



Juha Vaatainen basks in the glory of his two distance victories in the European Championships. /*Athletisme-L'Equipe* magazine, Mark Shearman, Zigurds Mezavilks/

## Juha Vaatainen Seeks Pleasure Beyond the Applause of Track

Lone wolf. Cosmopolitan. Introvert. Outgoing. The many facets of Juha Vaatainen are sometimes confusing.

By now though, there is one thing most of the track world knows well: Juha Vaatainen glowed as the brightest-burning star of a star-studded European Championships, becoming history's third-fastest 10,000-meter performer with his 27:52.8 victory over an incredibly depth-laden field and returning to claim the 5000 gold with a career-low 13:32.6.

Those two sensational victories--which lowered his previous 5000 and 10,000 bests by respective 10.6- and 20.0-second margins--thrust Vaatainen full square into the global track limelight. "I enjoy applause," he admits frankly, "but I realize all this is temporary. I live each day at a time and seek only my own pleasure. For now, I have lived the life I wanted to live."

But, true to his way, this basking in the warmth of glory soon will not appeal to Vaatainen and he will be off again on a new journey. He is a man who revels in the solitude of a training run through the forests near his home of Oulu, yet he likes to have many friends around him. But he says, "I am of a very difficult nature, certainly unbearable to some because they cannot put up with me. I am my own best friend and I get along only with myself. What I fear above all is to live always in the same small circle of friends. I would stagnate and that makes me nervous and irritable. I have to have new faces, new friends, new centers of interest."

Even after his successes at Helsinki, his next pursuit should come as no great surprise. "The marathon tempts me," Vaatainen admits. "I have done a little of everything in running and the marathon is certainly a step which would please me. I may run the marathon next year at Munich. At any rate, I will train for it later this year."

And where will he train? Kenya. "I love to travel and I get itchy feet after a few months in one place," the blond, 30-year-old says.

"There are many countries which intrigue me and the whole continent of Africa tempts me. I plan to spend the last three months of the year there. Then I shall go back to Brazil for the Sao Sylvestre run (in which he finished 11th last January). After that I don't know what I shall do. I don't think I shall return right away to Finland though. I love my country but the winters are too long and cold. Running is much easier and more fun under the sun. In fact I stand the heat very well."

His itchy feet have already carried him over a considerable part of the globe. He is a teacher in a Finnish colony in Brazil, after having been born in Oulu, less than 100 miles from the Arctic Circle. This mutton-chopped vagabond raced three times in the US this spring, winning a 9:01.4 two-mile at the wind-raked El Paso Invitational, taking second in the California Re-lays two-mile with a fine early-season-for-him 8:33.0 and fourth in the Kennedy Games three-mile at 13:26.0. He has visited parts of

Asia as well as much of Europe.

"Traveling gives me a chance to see other cultures and discover how other people live," he says. "I have an easy time getting to know new people and living in new ways."

But there has been one facet of the mosaic life of Juha Vaatainen which has remained somewhat constant--and that is running. "I began running 13 years ago as a 60-second 400-meter runner," he recalls. "Few, if any, world-class distance runners can match his speed, which helped him post eventual sprint bests of 10.9, 22.1 and 48.9. In 1963, he ran a 1:52.3 800 and two years later won the Finnish title. He lowered his best to 1:48.4 in 1967. The next year he had recorded a 1500 best of 3:43.7. The turn to the 5000 and 10,000 came in 1969 and he turned in promising 13:50.0/28:53.0 times. Then last season, he gave perhaps an omen of things to come as he cruised to a national 10,000 record of 28:19.6. "But I have been in the hospital several times because of my legs," he says. "I suppose I am somewhat delicate (he stands 5'8" and weighs 137-lbs.). My right achilles tendon has been operated on twice." An ulcer acted up after his big run last year and cut his season short.

Qualifying for the European Championships wasn't easy for Vaatainen. He hoped to post a qualifying mark in the US--but no luck. He kept at it at home but didn't qualify in either distance until just a month before the meet. He won 10,000 in the Finnish championships held at Oulu, posting a national record of 28:12.8.

Even when the going was tough in qualifying, Vaatainen's confidence was not shaken. In Berkeley before the Kennedy meet, he said with typical Finnish outspokenness, "I haven't had enough training yet but there is really only one meet I am pointing for this year, the European Championships. Frank Shorter says the same thing about the Pan-American Games. Frank also says that because he was born in Munich he wants to win the 10,000 and marathon in the Olympics. But he can't win the 10,000--I am." And now maybe the marathon too.



This may be a key to his startling successes at Helsinki for he believes, "Winning is everything and second place is nothing. No one can take my victories from me." He says he will run at least one marathon in a major race before Munich. "In order to be really myself, I need to have an important victory at stake."

His growing interest in the marathon ("I am being seduced by the marathon") is also in keeping with him. "I long to discover new faces every day but I also like solitude," he says. "Running for me is a very lonely affair. I very often train alone. I don't like to go round on a track. Outside competition, I never do it. Actually stadiums were invented for spectators, not for runners. We have nature, and that's much better. Perhaps I like running so much because I am sort of a loner."

A loner who likes many new friends. A man born in the cold who cannot stand the cold. A delicate man who plans to train for the marathon in mountainous Kenya. A citizen of the world. A champion. An enigma. □

of speed by five pursuers. The race ended in a triumph for Juha Vaatainen of Finland, a 30-year-old "lone wolf" sporting bushy muttonchops. For Finland, once the queen of distance running, this was the first major 10,000 success since 1946 when Viljo Heino won the European title in Oslo.

The race was run in good weather conditions on the meet's first day, before a capacity crowd approaching 40,000. Bedford did exactly what most observers expected him to do: true to his promise, he put in his first "feeler" after one lap, taking the lead from a crowded field. From then on, he led for the greater part of the distance, and his pursuers gradually decreased in number. Gaston Roelants of Belgium, in the second kilo, and Jurgen Haase of East Germany, in the third, wrested the lead from him for a brief while. Vaatainen later said, "After three kilometers, I thought I had a chance. It was not too easy because I had been spiked on both legs in the crowd at the start."

The time at 5000 was 13:54.4, with Haase, Rashid Sharafyev of the USSR, Vaatainen, Mariano Haro of Spain and Dane Korica of Yugoslavia in close attendance. The young Englishman ostensibly tried to run away from the rest in the fifth kilo and actually built up a small lead, but defending champion Haase, as light-footed as ever, quickly closed the gap with the others in his wake. This was no race for pauses though: two Finns, first Seppo Tuominen, then Vaatainen, stirred things up with sudden bursts, which caused the supposedly cool public to get really excited--and Bedford to lose contact. As he fell behind, many probably thought that was going to be the end of Dave, but his rivals could not keep the frenzied pace for long, and after seven kilos, the Englishman was back in the lead. Shortly afterwards, Roelants, who had dropped back gradually after his bold start, decided to call it quits.

With one kilo to go, the six were closely bunched save Sharafyev, a few strides back. Bedford was the leader at the bell, but like the great Ron Clarke, he knew he could finish relatively fresh but he also knew that he could not measure up to the feared turn of speed of the men behind him. That is what happened: one by one, the five passed Bedford. Haase, who has won so many big races with his patented 250 meter burst in the last lap, was once again true to his form as one of the greatest 10,000 kickers, but this time he was up against a man who not so many years ago had been a finalist in the Finnish 400-meter championships.

This man, Juha Vaatainen, had prepared, lived, eaten and slept this race for over a year: here he was finally playing the act in front of his public, and the Finns were all too eager to see the Paavo Nurmi tradition revived, were it only for one day. They cheered him chorally with the words "cruelle Juha!" (cruel John)--that's what they wanted him to be like, and he obliged. He went past Haase in the last turn and the crowd went wild. The German attempted to fight back in the homestretch, but with 40 meters to go he looked like a beaten man, and Vaatainen, full of fire like a Viking of old, won going away in 27:52.8 after a staggering last lap of 53.8--the same split he had returned a few weeks earlier in a sub-8:00.0 3000-meter race--surely the fastest ever in a quality race. A last lap under 57 is usually regarded as lightning-quick in a 10,000. The sprint was such that one wonders just how much faster he could have run the entire race had he extended himself earlier. Such was the ecstasy of the crowd that he had to run a lap of honor.

The 28-minute barrier, until now broken by no more than one runner in the same race, was surpassed by the first five here, as Haase (27:53.4), Sharafyev (27:56.4), Korica (27:58.4) and Haro (27:59.4) took the next four places to move into fourth through seventh on the all-time world performers list behind Clarke, Bedford and Vaatainen. Bedford's 28:04.4 sixth rates as the equal-11th fastest performance ever. The 33 finishers represented 18 different countries, with national records being recorded for 10 (Finland, East Germany, USSR, Yugoslavia, Spain, West Germany, Switzerland, Norway, Czechoslovakia and Ireland). The high quality of the top placers was carried on down the line, as 22 broke 29-minutes and the last placer recorded 30:05.6. Best-ever times-for-place were probably recorded by

all finishers, definitely so for the top 17.

Of interest are the kilometer splits for Bedford and Vaatainen.  
 Vaatainen 2:47 5:28 8:16.3 11:06 13:54.8 16:45 19:34.2 22:27 25:18.2  
 Bedford 2:43 5:27 8:15.0 11:05 13:54.4 16:45 19:34 22:27 25:18

All the pre-race build-up had centered around Bedford, who had earlier in the year run the second-fastest time ever of 27:47.0. Almost half a minute up on his nearest rivals by the clock, he was a prohibitive favorite. After the surprising defeat, he commented, "I think the loss did me more good than anything else could have. Now I realize, and so do all the other runners, that I'm human and can be beaten also."

**RESULTS (8/10), Vaatainen (Fin) 27:52.8 MR;** 2. Haase (EG) 27:53.4; 3. Sharafyev (SU) 27:56.4; 4. Korica (Yug) 27:58.4; 5. Haro (Sp) 27:59.4; 6. Bedford (GB) 28:04.4; 7. Tagg (GB) 28:14.8; 8. S. Tuominen (Fin) 28:18.0; 9. Letzerich (WG) 28:21.0; 10. Tijou (Fr) 28:21.8; 11. Dos-seger (Switz) 28:23.0; 12. Rault (Fr) 28:23.2; 13. Lane (GB) 28:24.0; 14. Risa (Nor) 28:24.4; 15. Krebs (EG) 28:26.8; 16. Lismont (Bel) 28:31.2; 17. Viren (Fin) 28:33.2; 18. Sviridov (SU) 28:41.2;...dnf--Farcic (Yug), Roelants (Bel).

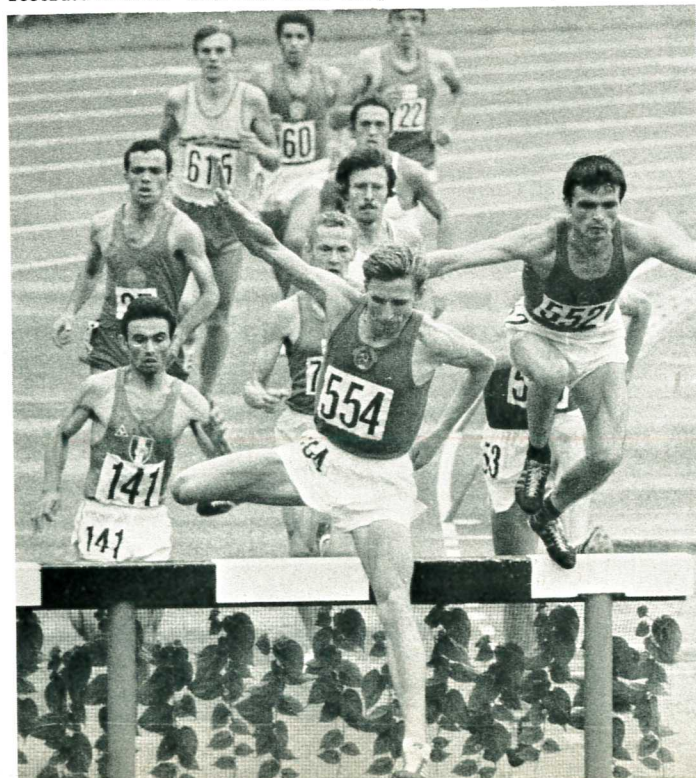
### 3000 METER STEEPLECHASE

Just to make it through the heats of the steeplechase proved to be some achievement and the final produced a fast, exciting race won by little Jean-Paul Villain of France in a national best 8:25.2, just two-tenths off the meet mark. The race also indicated the Soviets may have a tough time keeping their strong grip on this event.

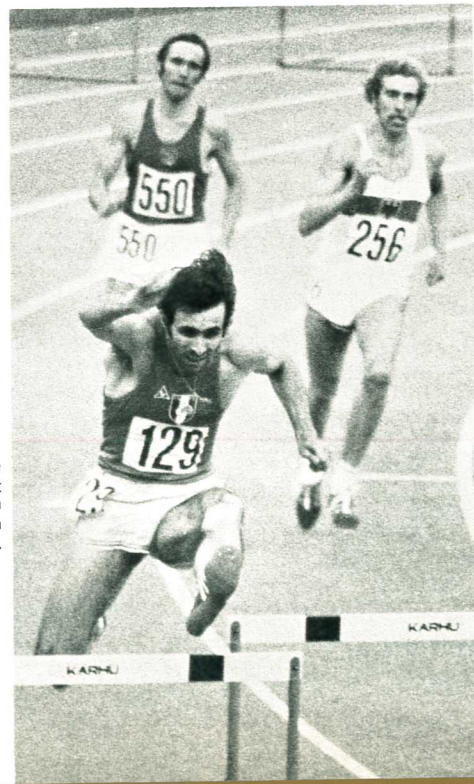
Soviet champ Pavel Sisoyev started the fireworks off in the preliminaries with an 8:29.8 win as Toni Feldmann lowered the Swiss national best by nearly 10 seconds with the same time. But Feldmann injured a knee and didn't run the final. Tapio Kantanen ran 8:36.0 for fifth and no entry into the final. Heat two was a little more sensible as Czech Dusan Moravcik cut his best by three seconds to 8:32.8. The ever-quickening cut-off eliminated Norway's Arne Risa at 8:35.6. The third qualifying race was a head-shaker as Swede Anders Garderud, a built-up miler, clocked 8:28.4, a national record and the fastest steeple heat ever run. Mikko Ala-Leppilampi dipped under 8:30 by a second with Vladimir Dudin only four-tenths over. And Norwegian Sverre Sornes (8:26.4 this year) ran 8:35.2 in fifth and didn't qualify. A well-back ninth and poorly off form was Bulgarian Mikhail Zhelev, defending champion and top-ranked in 1969. The two fastest heat winners, in any other meet, could have won the 1970 European Cup (8:31.6), the last two USSR meets (8:35.4, 8:41.0), and the 1971 championships of the Soviet Union (8:30.6), West Germany (8:32.4), Great Britain (8:38.0) or East Germany (8:53.0). But neither Sisoyev nor Garderud won the final.

The Soviets seemed to have the final well under control with all three red-clad warriors, Sisoyev, Dudin and Romualdas Bite setting the pace (two more sub-8:30 runners stayed home, Anatoly Vyerlan at 8:25.4 and Ilmar Ruus at 8:29.6). But 5'7", 128-lb. Villain was always right there with them. The pace was not as fast as might be expected: 1000-meters in 2:46.5, 1500 in 4:11.6 and 2000 in 5:39.3. Ala-Leppilampi forged ahead with 500 to go but his flight to the front was short-lived. Then Villain started his bid which took Sisoyev by surprise. He never closed the gap, and the Frenchman, looking rather surprised as he drew nearer the finish, looked back a couple of times to make sure it was really true. He won going away while Moravcik came closing very fast to nip Sisoyev by two tenths with 8:26.2, a Czech record. Bite ran a PR 8:27.0 in fourth while former world and present European record holder (8:22.2) Dudin faded to ninth (8:39.0), one place ahead of Garderud (8:39.2).

Villain, nicknamed "Savage Man", commented later, "I was confident I had a chance to win but you can never be sure. The first part was steady and the Soviets were setting a good pace which was nice for me. This is the first time I have beaten the Russians in many tries. I thought they were super-humans. Today, the world record was not the thing; the victory was."



(Left): Soviet Vladimir Dudin (554) stretches for the water pit early in the European Championships steeplechase. But at the finish, France's Jean-Paul Villain (141) was all alone in 8:25.2. Pavel Sisoyev of the USSR (552) ran 8:26.4 in 3rd as Czech Dusan Moravcik (60) closed very fast to nab second at 8:26.2. Dudin finished 9th at 8:39.0. /Shearman/ (Right): Jean-Claude Nallet accounted for another French victory with his 49.2 triumph here in the 400-meter hurdles. Soviet Yevgeniy Gavriyenko (550) ran 50.5 in 5th with West German Dieter Buttner (256) 4th at 50.1. /Shearman/



**RESULTS** (8/15), Villain (Fr) 8:25.2; 2. Moravcik (Czech) 8:26.2; 3. Sisoyev (SU) 8:26.4; 4. Bite (SU) 8:27.0; 5. Ala-Leppilampi (Fin) 8:31.0; 6. Tikhov (Bul) 8:32.2; 7. Maranda (Pol) 8:33.2; 8. Rebacz (Pol) 8:35.2. Heats(8/13): I-1. Sisoyev 8:29.8; 2. Feldmann (Switz) 8:29.8; 3. Tikhov 8:31.0; 4. Rebacz 8:33.4; 5. Kantanen (Fin) 8:36.0. II-1. Moravcik 8:32.8; 2. Paivarinta (Fin) 8:33.4; 3. Villain 8:34.2; 4. Bite 8:34.6; 5. Risa (Nor) 8:35.6. III-1. Garderud (Swe) 8:28.4 (fastest heat ever); 2. Ala-Leppilampi 8:29.0; 3. Dudin (SU) 8:30.4; 4. Maranda 8:32.0; 5. Sornes (Nor) 8:35.2; ...9. Zhelev (Bul) 8:50.6.

## MARATHON

An unnoticed 16th placer in the 10,000 at 28:31.2 was Belgian Karel Lismont. Five days later, in the marathon, the 22-year-old Lismont burst from the ranks of obscurity with his shocking 2:13:09.0 triumph over greats the like of Briton Ron Hill and countryman Gaston Roelants. The diminutive (5'6½", 119-lbs) Lismont had only run two previous marathons, winning both.

Fading to fifth here, Roelants forged the early pace, just as he had in his runner-up effort behind Hill in the 1969 race. Hill, the world's top-ranked marathoner last year, took third, while countryman Trevor Wright took second in only his second attempt at the distance.

**RESULTS** (8/15), Lismont (Bel) 2:13:09.0 MR; 2. T. Wright (GB) 2:13:59.6; 3. Hill (GB) 2:14:34.8; 4. Kirkham (GB) 2:16:22.0; 5. Roelants (Bel) 2:17:48.8; 6. Rummakko (Fin) 2:17:58.8.

## 20,000 METER WALK

Defending champion Paul Nihill of Great Britain forged the early pace in the 20-kilo walk, but was unable to withstand the late charge of Soviet Nikolay Smaga and East German Gerhard Sperling. The 32-year-old Smaga (5'10", 163-lbs), who had finished third in the last two meets and the Mexico Olympics, timed 1:27:20.2 for the win, the fastest time ever recorded in major competition. Sperling clocked 1:27:29.0 for second.

**RESULTS** (8/10), Smaga (SU) 1:27:20.2 MR; 2. Sperling (EG) 1:27:29.0; 3. Nihill (GB) 1:27:34.8; 4. Frenkel (EG) 1:27:52.8; 5. Reimann (EG) 1:28:56.8; 6. Embleton (GB) 1:29:31.6; 7. Yakovlev (SU) 1:29:49.4.

## 50,000 METER WALK

In only his third season of 50-kilo walking, 32-year-old Venyamin Soldatenko of the Soviet Union upended defending champion Christoph Hohne, the current king at the distance. The pair were together for 40-kilos before the Soviet pulled away to a more than two-minute victory, 4:02:22.0 to 4:04:45.2. The bronze medalist in the 1969 meet, Soldatenko was runner-up to Hohne in last year's Lugano Cup.

**RESULTS** (8/14), Soldatenko (SU) 4:02:22.0 MR; 2. Hohne (EG) 4:04:45.2; 3. Selzer (EG) 4:06:11.0; 4. Bartsch (EG) 4:09:14.4; 5. Skotnicki (EG) 4:10:22.8; 6. Nermerich (WG) 4:11:44.8; 7. Della Rossa (SU) 4:12:08.6; 8. Pamich (It) 4:14:36.2; 9. Ingvarsson (Swe) 4:14:56.0.

## 110 METER HURDLES

Stiff headwinds pushed against the high hurdlers throughout the competition so no one dipped below 14 seconds. Even if someone had, though, another development left the door wide open for East German Frank Siebeck to record a 14.0 triumph just two days short of his 22nd birthday. In the first heat, France's Guy Drut, the favorite not so much on time (since both Siebeck and Czech Lubomir Nadenicek had 13.4s to his seasonal low of 13.7) but more on technical hurdling prowess, hit the second barrier, stumbled and crashed into the third. Thus Siebeck's way was clear although he had to fight off determined Alan Pascoe of Britain in the final. Pascoe, the 69 bronze medalist, clocked 14.1 as the 5'9¼" Nadenicek was two-tenths back in third. But the observation was made more than once that, despite the wind, neither Siebeck nor Nadenicek looked much like the 13.4 barrier-toppers they are supposed to be.

**RESULTS** (8/15, -5.6 mph), Siebeck (EG) 14.0; 2. Pascoe (GB) 14.0; 3. Nadenicek (Czech) 14.3; 4. Moshishvili (SU) 14.4; 5. L. Wodzynski (Pol) 14.4; 6. Liani (It) 14.4.

## 400 METER HURDLES

Jean-Claude Nallet remained undefeated in his short, but spectacular, career over the one-lap hurdles with a well-controlled victory over yet another strong new face from East Germany, Christian Rudolph.

The Frenchman's winning 49.2 effort, his second-fastest clocking, matched the meet best set in 1962 by Italy's Salvatore Morale when that was a new world record. Rudolph finished just a tenth back, lowering his own national record from 49.7. Third went to young Soviet Dmitriy Stukalov, who won the continental junior title last year in 50.1 and ran just a tenth faster for third in the big meet.

Unlike Nallet's unnerving experience in the 400 final at Athens, when he faltered badly in the last meters while leading and was nosed out by Poland's Jan Werner, this time he displayed sure self-control and responded with confident strength to the challenge posed by Rudolph. Nallet started fast and built up a quick lead, while Rudolph ran the backstretch powerfully so they emerged virtually even by the homestretch. They stayed that way over the final two barriers but Nallet's 20.6 200 speed and 45.1 400 power carried him to victory on the run-in.

Another defending champion not in the form of two years ago, Soviet Vyacheslav Skomorokhov ran seventh in 50.8. Runner-up in that race John Sherwood of Britain (and Olympic bronze medalist and Commonwealth champion) fared even worse, running an unspectacular 52.6 for last in his heat. Foot troubles have contributed to his indifferent form this year. Olympic runner-up Gerhard Hennige was barely edged from the final as he ran 50.9 for fifth in his semi. French champion Michel Montgermont (Nallet won the 400 flat), with a 50.1 best, was last in his semi at 52.8. Finn Ari Salin, one of the home country's best prospects, showed nothing in the final and was beaten into sixth by European junior third-placer Yevgeniy Gavriyenko of the USSR.

**RESULTS** (8/12), Nallet (Fr) 49.2=MR; 2. Rudolph (EG) 49.3; 3. Stukalov (SU) 50.0; 4. Buttner (WG) 50.1; 5. Gavriyenko (SU) 50.5; 6. Salin (Fin) 50.6; 7. Skomorokhov (SU) 50.7. Semis(8/11): II-1. Rudolph 49.8.

## HIGH JUMP

Young (21+) Soviet Kestutis Sapka bent his way over 7'2½" on his first attempt, and in so doing added another meet to the list of those captured by Dick Fosbury's innovative high jump style. Having missed once each at 6'11½" and 7'1½", the 6'2½", 187-lb. Sapka trailed countryman Rustam Akhmyetov on the fewer misses rule until the clearance. Early in the competition, Akhmyetov, the Soviet champion, was a model of consistency, clearing 6'6¼", 6'8¾", 6'9¾", 6'11½", 7'¼" and 7'1½" on first try each. Undoubtedly fatigued by the time he attempted 7'2½", he did not clear that height until his third trial, ending up third as Rumanian Csaba Dozsa scaled 7'2½" on his second try. The

## A Flop It Ain't: 14 7-Footers

A flop it ain't. The 7'2½" victory in the European Championships high jump by Soviet flopper Kestutis Sapka again affirmed the acceptance of the Fosbury flop since its sensational introduction a mere three years ago by its perfecter, American Dick Fosbury.

Another indication of the growing popularity, and effectiveness, of the flop is the growing list of major titles won by athletes using the back-to-the-bar style. Fosbury's 1968 NCAA triumph (7'2¼") put a flopper on the victory stand of a national meet for the first time and since then have followed:

68 Olympics (Fosbury, 7'4¼" AmerR)	71 NAIA (Weldon Curry, 7'0")
69 NCAA (Fosbury, 7'2½")	71 USTFF (Bill Elliott, 7'1")
69 CISM (Istvan Major, Hun, 6'11¾")	71 Polish Championships (Wojciech Golebiowski, 6'11½")
71 European Indoor (Major, 7'1½")	71 South African Championships (Emile Rossouw, 7'2")
	71 European Championships (Sapka, 7'2½")

In addition, two US decathlon champions backed over the bar en route to their titles: John Warkentin topped a PR 6'3½" while winning the 70 AAU, while Ray Hupp set a US decathlon and personal record of 7'0" during the 1971 NCAA. Fosbury has since lost his US best to Pat Matzdorf's global mark of 7'6¼" but national records achieved with the flop include: Canada--7'0", John Hawkins; Hungary--7'3", Major; South Africa--Rossouw 7'2".

Here is the all-time list of floppers at 7'0" and higher:

7'4¼"	Dick Fosbury (US) 68	7'1½"	Wojciech Golebiowski (Pol) 70
7'3¾"	Kestutis Sapka (SU) 70	7'1½"	Mike Fleer (US) 71
7'3¾"	Bill Elliott (US) 70	7'1½"	Dwight Stones (US) 71
7'3"	Istvan Major (Hun) 71	7'0"	Weldon Curry (US) 71
7'2"	John Radetich (US) 71	7'0"	Chris Dunn (US) 71
7'2"	Emile Rossouw (S Afr) 71	7'0"	John Hawkins (Can) 71
7'2"	Gene White (US) 71	7'0"	decRay Hupp (US) 71

trio all failed in their attempts at 7'3¾".

Dozsa's fine performance was a major surprise, as he improved greatly on his seasonal best of 7'¼" and PR of 7'1". Native son Asko Pesonen, only 5'10½" tall, topped his physical height by the large margin of 14½" for a fifth-place tie. Defending champion Valentin Gavrilov of the Soviet Union cleared only 6'11½" in 10th.

**RESULTS** (8/14), Sapka (SU) 7'2½"; 2. Dozsa (Rum) 7'2½"; 3. Akhmyetov (SU) 7'2½"; 4. Major (Hun) 7'1½"; 5. tie, Junge (EG) & Pesonen (Fin) 7'1½"; 7. Golebiowski (Pol) 7'¼".

## POLE VAULT

East Germany's peerless vault technician Wolfgang Nordwig won his third consecutive continental championship pretty much as he pleased, as has been his wont at Budapest in 1966 and Athens in 1969 as well. He once again gave a demonstration of his technical and competitive superiority which carried him to victory over a field in which 10 of the dozen finalists had topped 17-feet.

Nordwig cleared every height he attempted to 17'10½", including the winning ceiling of 17'6¾" and was never behind during the competition. Surprisingly, his vault at 17'6¾" was not extremely sharp from a technical point of view but over he went for the winning jump. It almost seemed he won a competition which had not yet started and wouldn't start after that either. This was true since all jumps thereafter were failures. But nothing should be taken away from Nordwig's achievement; he was there to win--and win he did. The opposition tried to upset this 6'½", 161-lb. favorite who wins nine of 10 competitions--and this was one of those nine.

Renato Dionisi matched Nordwig vault-for-vault until 17'4¾" when the Italian needed two tries to clear--and that eventually cost him the silver medal. Little Swede Kjell Isaksson, world leader at 17'9½", also cleared 17'4¾" on his first try and before missing thrice at 17'6¾" his only miss was via the three-minutes rule at 16'5". But neither Isaksson nor Dionisi could negotiate 17'6¾" and bowed to the 28-year-old two-time champion.

The only other vaulter to clear 17-foot was Sweden's Hans Lagerqvist who led for a brief time after topping 17'2¾"; he was the only vaulter to try that height as the top three all passed. But Lagerqvist relinquished the lead on the very next vault of the competition when Nordwig managed 17'4¾". The Swede then failed thrice.

The major shock of the qualifying was provided by world record holder Chris Papanicolaou of Greece and France's Francois Tracanelli. Papa stalled out on all three tries at 15'9", while the heavily-bandaged Tracanelli never even got off the ground, running through the pit twice before passing his final attempt.

**RESULTS** (8/13), Nordwig (EG) 17'6¾" MR; 2. Isaksson (Swe) 17'4¾"; 3. Dionisi (It) 17'4¾"; 4. Lagerqvist (Swe) 17'2¾"; 5. Sokolowski (Pol) 16'8¾"; 6. Blomqvist (Swe) 16'8¾"; 7. Isakov (SU) 16'8¾"; 8. Engel (WG) 16'8¾".

## LONG JUMP

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German Max Klauss was the most surprising field event winner of the meet in capturing the latter event. A 26'5 $\frac{3}{4}$ " leaper in 1968, the oft-injured Klauss has never been ranked by T&FN in the long jump, although he has been thrice-ranked (1966-67-68) in the 10-eventer. Sixth in the 1969 European championships long jump, he had taken fourth in the 1966 decathlon as a promising 19-year-old. In 1967, the well-built (6'3 $\frac{3}{4}$ ", 192-lb) Klauss totaled 7986 for the decathlon, a mark which still stands as a world age-20 best.

In the first round, veteran Igor Ter-Ovanesyan came up with the only wind-aided jump of the whole competition, 25'11 $\frac{3}{4}$ ", a mark which stood up as the leading jump through the first two rounds. Klauss got his 25'11 $\frac{3}{4}$ " winner in the third round, depriving the Soviet of a possible fourth title. The standings of the first six were unaffected in the last three rounds, although Briton Lynn Davies fouled a jump in the eight-meter (26'3") range.

Co-European record holder Josef Schwarz of West Germany had great trouble with his step and finished 12th at 24'7 $\frac{1}{4}$ ", never able to hit the board. Two big names failed to make it out of the qualifying round--Frenchman Jack Pani, 1970's top-ranked jumper who has been hampered all season by a bad knee, here managed only 24'3 $\frac{3}{4}$ " and Klaus Beer, East Germany's 1968 Olympic silver medalist, was in poor form, hitting a non-qualifying 25'1 $\frac{1}{4}$ ".

**RESULTS** (8/11), Klauss (EG) 25'11 $\frac{3}{4}$ "ok (25'9 $\frac{3}{4}$ ", 25'3 $\frac{3}{4}$ ", 25'11 $\frac{3}{4}$ ", 25'5 $\frac{1}{4}$ ", f, f); 2. Ter-Ovanesyan (SU) 25'11 $\frac{3}{4}$ "w; 3. Szudrowicz (Pol) 25'9 $\frac{3}{4}$ "ok; 4. Davies (GB) 25'9"ok; 5. Myllymaki (Fin) 25'9"ok; 6. Toivonen (Fin) 25'9"ok.

## TRIPLE JUMP

Spanning a windy 56'3 $\frac{3}{4}$ ", East Germany's 26-year-old Jorg Drehmel once more came up with the longest triple jump of his career to upset Soviet Viktor Saneyev. Drehmel's previous best of 56'2 $\frac{1}{4}$ " came last year in his surprising win over Saneyev in the European Cup. Getting his big bound in the first round, the well-built (6'1 $\frac{3}{8}$ ", 183-lb) Drehmel was in control all the way, although defending champion Saneyev came close in the third round with a windy 56'1 $\frac{1}{4}$ ". Drehmel's big jump in the first round appeared to throw Saneyev off stride and the Soviet began to press, as in their European Cup encounter. This August has not been kind to Saneyev, as less than two weeks earlier he lost his world record to the 57'1" shot of Cuban Pedro Perez.

Third-placer Carol Corbu of Rumania had the best legal jump of the competition, 55'4 $\frac{1}{4}$ ". The best legal efforts by Drehmel and Saneyev were 54'10 $\frac{3}{4}$ " and 54'3 $\frac{3}{4}$ ". The tall Corbu had bounced a legal 56'2" in early June to defeat Drehmel and one-time world record holder Giuseppe Gentile of Italy, who had to be carried off the track with a torn calf muscle. Old master Jozef Schmidt of Poland, the 1958 and 1962 winner and one-time world record holder, mustered only 51'3" for 11th.

**RESULTS** (8/15), Drehmel (EG) 56'3 $\frac{3}{4}$ "w (56'3 $\frac{3}{4}$ "w, f, 54'3 $\frac{3}{4}$ "ok, 54'10 $\frac{3}{4}$ "ok, f, 54'4" w); 2. Saneyev (SU) 56'1 $\frac{1}{4}$ "w; 3. Corbu (Rum) 55'4 $\frac{1}{4}$ "ok; 4. Sauer (WG) 54'4 $\frac{3}{4}$ "ok; 5. Fiser (Czech) 53'9 $\frac{1}{4}$ "w; 6. Schenk (EG) 53'9" w.

## SHOT PUT

Perhaps the most formful event of the meet, an otherwise uneventful shot put competition was spiced by powerful (6'3 $\frac{1}{4}$ ", 256-lb) Hartmut Briesenick's new continental standard of 69'2". With three raisings of the old best (67'8 $\frac{1}{2}$ " by countryman Hans-Peter Gies in 1969) this season, and six alterations to the indoor European mark over the past three campaigns, the 22-year-old East German champ has become a prolific record setter.

Briesenick's mark, which came in the fifth round, moves him into second on the all-time world list behind Randy Matson, although Matson has thrown farther than Briesenick's 69'2" in nine meets. Briesenick's domination of the competition was almost "Matson-like", as four of his throws were better than the second-place mark, and all six were ahead of the third placer.

Filling these runner-up slots, appropriately enough, were the two

## Briesenick's 6 Put Series Impressive

Randy Matson has three six-put series averaging over 69-feet.

Only three others have surpassed 66-feet in a six-put series, and East German Hartmut Briesenick leads these. (Matson has other six-put series beyond Briesenick's best, but only his leading three are listed.)

69'6 $\frac{3}{4}$ "	Randy Matson (US)	College Station, Tex	4/ 8/67		
70'5 $\frac{1}{2}$ "	70'5 $\frac{1}{2}$ "	70'0"	68'7 $\frac{3}{4}$ "	69'5 $\frac{1}{2}$ "	
69'4 $\frac{5}{8}$ "	Matson	Berkeley, Calif	5/30/70		
69'8"	68'1"	69'8 $\frac{3}{4}$ "	71'4 $\frac{1}{4}$ "	68'8 $\frac{1}{2}$ "	68'9 $\frac{1}{4}$ "
69'1 $\frac{1}{2}$ "	Matson	College Station, Tex	4/22/67		
71'5 $\frac{1}{2}$ "	68'11 $\frac{3}{4}$ "	69'7 $\frac{1}{2}$ "	68'1 $\frac{3}{4}$ "	68'7 $\frac{1}{2}$ "	67'5"
67'8 $\frac{5}{8}$ "	Hartmut Briesenick (EG)	Helsinki, Fin	8/13/71		
67'8 $\frac{1}{4}$ "	68'3 $\frac{1}{4}$ "	66'6"	66'10 $\frac{3}{4}$ "	69'2"	67'11"
66'4 $\frac{3}{8}$ "	Al Feuerbach (US)	Modesto, Calif	5/29/71		
66'5"	66'8"	66'1 $\frac{1}{4}$ "	67'5 $\frac{1}{4}$ "	66'6 $\frac{3}{4}$ "	67'4"
66'6 $\frac{3}{8}$ "	Neal Steinhauer (US)	Honolulu, Ha	7/ 2/67		
64'11 $\frac{1}{2}$ "	66'8 $\frac{1}{2}$ "	66'9"	66'4"	67'5"	67'5 $\frac{1}{2}$ "

throwers with the next best throws of the season, Briesenick's countryman Heinz-Joachim Rothenburg (67'2") and Poland's Wladyslaw Komar (65'9")--who just nipped 34-year-old Hungarian veteran Vilmos Varju, the 1962 and 66 titlist, who hit 65'7".

The also-rans were the best ever. Those in places five through 14 all set best-throw-for-place marks. Five reached 65-feet and 13 topped the once-impregnable 60-foot barrier, both the greatest totals ever.

**RESULTS** (8/13), Briesenick (EG) 69'2" ER, MR (67'8 $\frac{1}{4}$ ", 68'3 $\frac{1}{4}$ ", 66'6", 66'10 $\frac{3}{4}$ ", 69'2", 67'11"); 2. Rothenburg (EG) 67'2"; 3. Komar (Pol) 65'9"; 4. Varju (Hum) 65'7"; 5. Voikin (SU) 65'0"; 6. Plunge (SU) 64'4"; 7. Hoffmann (EG) 63'7".

## DISCUS THROW

Many times a runner-up or also-ran, former world discus record



Powerful East German Jorg Drehmel bounds through a triple jump en route to his European title. He leaped a windy 56'3 $\frac{3}{4}$ " to edge Viktor Saneyev by 1 $\frac{1}{4}$ ". /Knut Holm/

holder Ludvik Danek of Czechoslovakia ended years of frustration as he spun his platter 209'7 $\frac{3}{8}$ " for the first major championship win of his long career. Now 34, the 6'5 $\frac{1}{2}$ ", 227-lb. Danek had finished ninth, fifth and fourth in the three preceding European Championships and third and second in the last two Olympics. Said Danek, "I had the world record for five years but I like this gold medal better."

Rain prior to the beginning of the event undoubtedly hampered the quality of the results. Danek said, "For me it was very difficult to throw from the slippery surface because I was trying a different, faster spin today." Only 11 of the 60 throws taken in the final exceeded 200-feet, three by Danek, and four each by second and third placers Lothar Milde and Geza Fejer. East German Milde, two years Danek's senior, moved up a notch from the third place he had captured in the 1966 and 1969 editions of the meet with 202'2".

Round three was exciting, as Hungarian Fejer briefly captured the lead with his best toss. Danek got his winner two throws later. Also getting his best in the third round was enigmatic Ricky Bruch of Sweden, who was

## Bruch's Up-Down, On-Off Plans

Plagued all season by various ailments, discus thrower Ricky Bruch vacillated greatly on a decision of whether or not to compete in the European Championship meet at Helsinki. Here is correspondent Sven-Ivar Johansson's chronicling of Bruch's antics.

June 30--he was suspended for 14 days for not competing in scheduled competitions, among these the Norway-Sweden match in Oslo.

July 14--he lost to Silvester (206'5" to 199'0") at Formia, Italy. Then he visited the hospital for an infection and nerve troubles.

Aug. 6--he began his exhibition and hocus-pocus week about the European championships at his home field in Malmo. He threw 207'3 $\frac{1}{2}$ ". ("I'll not go to Helsinki.")

Aug. 8--exhibition throws; 214'7 $\frac{1}{2}$ ", 210'3", 213'9", 213'1 $\frac{1}{2}$ ", f, 218'8 $\frac{1}{2}$ ". ("I'll consult my doctor about going to Helsinki.")

Aug. 9--raining; Bruch 206'6 $\frac{1}{2}$ "; Akesson 195'8 $\frac{1}{2}$ " (Ricky and his doctor both confirmed, it will be Helsinki.)

Aug. 10--exhibition; HT(yes, hammer) 200'4". SP, 60'2 $\frac{3}{4}$ " ("Perhaps I'll reach 70-meters in the hammer before the discus.")

Aug. 11--Bruch 209'7 $\frac{1}{2}$ "; Akesson 191'4" ("I will not go to Helsinki because I didn't make 65.00 (213'3") today.")

Aug. 12--Bruch f, f, 207'1 $\frac{1}{2}$ ", 211'2 $\frac{1}{2}$ ", 216'10 $\frac{1}{2}$ ", 217'5 $\frac{1}{2}$ ", extra throws 227'3 $\frac{1}{2}$ ", 227'6"; Akesson 204'1 $\frac{1}{2}$ " ("I'll go to Helsinki and win the only Swedish gold".)

Each day TV had its "daily Ricky". Friday, Ricky took the Helsinki plane from Copenhagen, but during the landing in Stockholm Ricky got a pain and said he couldn't breathe. He was taken in an ambulance to a hospital, where he stayed overnight. In the morning, he took the plane to Helsinki and arrived about an hour before the qualifying round, where he threw 198'6". In the final he threw 193'10" for ninth place.

boomed and whistled at by the crowd. However, his 193'10" toss was far off his seasonal best 224'1 $\frac{1}{2}$ " and failed to qualify him for the final three throws.

**RESULTS** (8/15), Danek (Czech) 209'7 $\frac{3}{8}$ " MR (190'2 $\frac{1}{2}$ ", 201'3", 209'7 $\frac{1}{2}$ ", f, 196'2 $\frac{1}{2}$ ", 207'8"); 2. Milde (EG) 202'2"; 3. Fejer (Hum) 201'11"; 4. Wippermann (WG) 201'3 $\frac{1}{2}$ "; 5. Losch (EG) 199'8"; 6. Kahma (Fin) 198'11 $\frac{1}{2}$ ";... 9. Bruch (Swe) 193'10".

## HAMMER THROW

Uwe Beyer was the "wunderkind" of hammer throwing when he captured the Olympic bronze medal in 1964 at age-19 but the subsequent years

had been bleak ones for him in the international honors department. After a third in the 1966 European Champs, he failed to make the finals at Mexico City and was unable to compete in the 1969 European title meet. Yet, with the demise of the powerful Soviet contingent this year and his big 245'8 $\frac{1}{2}$ " toss in July, the 26-year-old West German ranked as the favorite in this meet. Going into the last round, it appeared as if Beyer would once more come out on the short end of the stick, as he trailed his eastern counterpart, Reinhard Theimer, 235'6 $\frac{1}{2}$ " to 234'3 $\frac{1}{2}$ ". But the 6'3 $\frac{1}{4}$ ", 256-lb. Beyer was not to be denied, and his 237'4 $\frac{1}{2}$ " heave gave him the win. Defending champ Anatoly Bondarchuk, experiencing technical difficulties this season, improved to 234'3" on his last attempt but remained entrenched in third.

While the medal winner's marks were good but not great, the overall competition was strong as Romuald Klim of the USSR edged Walter Schmidt of West Germany, 231'9" to 231'5". These constituted the best fourth and fifth places ever, and thus yielded the first meet ever with five over the barriers of 70-meters (229'8") and 230-feet. Olympic champion Gyula Zsivotzky of Hungary led the qualifiers with 234'10" but slumped to 213' $\frac{1}{2}$ " for 11th.

**RESULTS** (8/14), Beyer (WG) 237'4 $\frac{1}{2}$ " (234'3 $\frac{1}{2}$ ", f, f, 231'3 $\frac{1}{2}$ ", f, 237'4 $\frac{1}{2}$ "); 2. Theimer (EG) 235'6 $\frac{1}{2}$ "; 3. Bondarchuk (SU) 234'3"; 4. Klim (SU) 231'9"; 5. Schmidt (WG) 231'5"; 6. Eckschmidt (Hun) 228'9 $\frac{1}{2}$ "; 7. Sachse (EG) 228'9 $\frac{1}{2}$ ";...11. Zsivotzky (Hun) 213'3 $\frac{1}{2}$ ".

## JAVELIN THROW

Janis Lusic did at Helsinki what no other athlete in European track history ever has: he won his fourth consecutive championship, as he whipped the javelin 297'6". And he did a few other things too: he re-established his prowess in the world spear-tossing fraternity after having his throne briefly threatened by his close Latvian friend and training-mate Janis Donins, who hit 293'1" against the US to defeat him; he surpassed 90-meters (295'3"), a distance only he has been able to top in meets of this caliber (Mexico City, Athens); he firmly asserted he should be a tough man to top at Munich.

Even with last year's Finnish ace Pauli Nevala nursing an injured shoulder (which may terminate his career) and watching from home via television, the home-nation fans had high hopes for a revitalization of Finland's past glories in the event with both world record holder Jorma Kinnunen and recently improved Hannu Siitonen battling Lusic and Donins. But the Tower of the Stadium, known as "Jarvinen Tower" and standing 72.71-meters (238'6 $\frac{1}{2}$ ") tall in memory of Matti Jarvinen's winning throw in the Los Angeles Olympics, did not look down on a Finnish triumph as the two Soviets settled things early. Donins opened with 279'10" to Lusic's 271'7". In the second round, however, Lusic let himself go, putting all of the power in his 6'1 $\frac{1}{2}$ ", 194-lb. frame behind the throw and the spear arched down 297'6" away. That was that. Young East German Wolfgang Hanich even shut out the Finns altogether as he nearly reached his best of 276'10" with 276'3 $\frac{1}{2}$ " in the third round. Siitonen didn't move up to fourth ahead of Kinnunen until the fifth round when he reached 275'0". Kinnunen hit 265'7 $\frac{1}{2}$ " in the second.

Lusic later revealed he was not angry at losing to Donins in Berkeley, rather, he was disturbed by his poor technique. "I trained very hard for this competition," the 32-year-old army officer said. "I cannot do this type of preparation but for one meeting a year. Donins' beating me was the best thing that could have happened."

The only major loss in the qualifying was 37-year-old Hungarian Gerzeley Kulcsar, four-time placer who reached 250'11".

**RESULTS** (8/11), Lusic (SU) 297'6" (271'7", 297'6", 278'1", f, f, 270'1"); 2. Donins (SU) 279'10"; 3. Hanich (EG) 276'3 $\frac{1}{2}$ "; 4. Siitonen (Fin) 275'0"; 5. Kinnunen (Fin) 265'7 $\frac{1}{2}$ "; 6. Wolfemann (WG) 265'2".

## DECATHLON

Joachim Kirst of East Germany defended his decathlon title rather easily, turning back the greatest collection of point scorers in history. Nine of the 15 Europeans who have topped 8000-points, including seven who did it this season, were on hand, but when the last 1500-meters had been run only Kirst and Lennart Hedmark had managed it once again. The big (6'2 $\frac{3}{4}$ ", 207-lb.), 24-year-old German upped his meet record to 8196 points as Hedmark tallied 8038, the only one of the major contenders to produce a personal best. The bronze medal went to Hans-Joachim Walde, West Germany's two-time Olympic medalist, at 7951 and countryman Heinz-Ulrich Schulze, one of the newer members of the 8000-point club, was fourth with 7889. But Kurt Bendlin, the third West German, former world recordman and 1971 leader at 8244, ran into bad luck and did not finish. Bendlin completed nine events and his 7492 points put him within striking distance of second, but out-of-sight for the win. But he hurt first his back and then his foot in the vault and javelin, and had to withdraw with later indications saying surgery may be required.

Kirst was in control most of the way. After a mediocre 11.02 in the 100, where they used the newly authorized tables for one-hundredth second timing, he came on with a boom. A 25'2 $\frac{1}{2}$ " long jump, 54'5 $\frac{1}{4}$ " shot, and 6'11 $\frac{1}{4}$ " high jump moved him far ahead of the opposition and a 49.0 quarter finished the day with 4455 points, one of the better first halves ever. A poor flight of hurdles, 16.12 against a personal best of 15.1, cost him any chance of a European record (8319) but he finished well with 154'10 $\frac{1}{2}$ " in the discus, 13'9 $\frac{1}{2}$ " in the vault, 214'11" in the javelin, and 4:44.7 for 1500. It was Kirst's fifth effort over 8000, equaling Bendlin's total but far short of world record holder Bill Toomey's 13.

Perhaps the most exciting show was put on by Sepp Zeilbauer, the little known Austrian who finished fifth with 7842. With a month to go until he reaches 19, Zeilbauer added 178 points to his world junior record and is a young man to watch. The Soviet entries fared rather poorly. Each had been over 8000 this year but the best they could do was seventh and eighth with Leonid Litvinyenko (7707) and Boris Ivanov (7601) while Nikolay Avilov had to drop out while far out of contention.

**RESULTS** (8/11-12), Kirst (EG) 8196 MR (11.02, 25'2 $\frac{1}{2}$ ", 54'5 $\frac{1}{4}$ ", 6'11 $\frac{1}{4}$ ", 49.0, 16.12, 154'10 $\frac{1}{2}$ ", 13'9 $\frac{1}{2}$ ", 214'11", 4:44.7); 2. Hedmark (Swe) 8038 (11.28, 24'7 $\frac{3}{4}$ ", 50'5 $\frac{1}{4}$ ", 6'2 $\frac{3}{4}$ ", 49.1, 14.78, 148'10", 13'9 $\frac{1}{2}$ ", 241'9 $\frac{1}{2}$ ", 4:41.0); 3. Walde (WG) 7951 (11.17, 24'3 $\frac{3}{4}$ ", 50'5 $\frac{1}{2}$ ", 6'2 $\frac{3}{4}$ ", 51.2, 15.17, 142'11 $\frac{1}{2}$ ", 14'1 $\frac{1}{4}$ ", 218'1", 4:41.0); 4. Schulze (WG) 7889; 5. Zeilbauer (Aut) 7842 (world junior best); 6. Gabbett (GB) 7754; 7. Litvinyenko (SU) 7707;

8. Ivanov (SU) 7601;...dnf--Bendlin (WG) (4064 first day).

## 400 METER RELAY

After France and East Germany both clicked to 39.4 heat times, it seemed that the French were in a good position to defend their title won at Athens. But the final turned out to be a comedy of errors as West Germany fouled up the second exchange, East Germany fumbled the third and the French were ultimately canned for a change-over outside the zone. Regardless, an inspired Czechoslovakian foursome would have probably won anyway and actually hit the tape with a safe margin over France, the quartet of Ladislav Kriz, Juraj Demec, Jiri Kynos and Ludvik Bohman matching its national record of 39.3 in victory. Double sprint winner Valeriy Borzov didn't anchor the Soviet team but the USSR was out of contention anyway.

**RESULTS** (8/15), Czechoslovakia 39.3 (Kriz, Demec, Kynos, Bohman); 2. Poland 39.7; 3. Italy 39.8; 4. Great Britain 39.8; 5. USSR 40.0; disq--East Germany & France; dnf--West Germany. Heats(8/14): II-1. France 39.4; 2. East Germany 39.4.

## 1600 METER RELAY

Even though West Germany could not boast of a finisher in the top four in the individual 400-meters (Thomas Jordan fifth, Hermann Kohler sixth), four West Germans combined for a 3:02.9 relay victory. Instrumental to that triumph were Jordan and European 400 record co-holder Martin Jellinghaus, who zipped respective legs of 45.1 and 45.2 in the middle second and third slots. Poland, another team with great aggregate speed, finished second while flat 400 runner-up Marcello Fiasconaro finished off Italy's third-placers (3:04.6) with 44.7. Dave Jenkins, 400 winner, clocked 44.5 in heavy traffic for Britain's fifth-placers. The anchor men of the top five teams all rushed past Jean-Claude Nallet, finishing France's defending champions, who still brought his team in sixth just a tenth behind fifth.

**RESULTS** (8/15), West Germany 3:02.9 (Schloske 46.8, Jordan 45.1, Jellinghaus 45.2, Kohler 45.8); 2. Poland 3:03.6; 3. Italy 3:04.6 (Fiasconaro 44.7); 4. USSR 3:04.8; 5. Great Britain 3:04.9 (Jenkins 44.5); 6. France 3:06.0.

## WORLD RECORD

### Belgian Puttemans Front Runs Record 2-Mile

Edinburgh, Scotland, Aug. 21--Frenchman Jean Wadoux, runner-up in the European championships 5000-meters, said, "I thought the Belgian, Emile Puttemans, would lead out fast." In that race Puttemans, a notorious front-runner, hadn't. But just over a week later he did, carving out opening laps of 61.2 and 60.8 en route to a scintillating 8:17.8 for two-miles to bring the world record back to Belgium after an absence of almost 19 years.

The occasion was the Highland Games as Puttemans opened the way to the swiftest all-around two-mile ever. Closest of the not-even-close were Brendan Foster and Ian Stewart, whose 8:24.8 and 8:25.0 clockings move them into fifth and sixth on the all-time list. Fourth-placer Mike Tagg became the 15th to break 8 $\frac{1}{2}$ -minutes outdoors, with 8:28.4, while more Stewarts, Lachie and Peter, filled the next two slots with 8:33.0 and 8:33.2.

After the 2:02.0 opening 800, Puttemans reached 1000-, 1500- and 2000-meters in 2:32.6, 3:50.0 (no mile split available) and 5:09.0. Covering his last lap in 59.0, he passed the 3000-meter mark in 7:44.0, the second-fastest time ever for that distance. However, the acceptance of the 3000 mark as a European record is doubtful, as there was only one watch.

Ever-present, though seldom-noticed, the 23-year-old Puttemans (born Oct. 8, 1947) is the only runner to have made the 5000 final in the 1968 Olympics (12th), 1969 European Championships (7th) and 1971 European Championships (6th). Prior to 1971, his only claims to fame were his world age-records for 3000-meters at 21 and 22 and two-miles at 22.

While unable to make a dent in the standard events, Puttemans seems to have found a niche as a star at the "odd" distances. In July, he raced to a 5:03.6 2000 clocking, equal-eighth on the all-time list. And just days before his two-mile mark he covered a nearly-solo 3000 in 7:45.4, only a fifth off the European mark, and third-fastest ever.

But while it came in a seldom-run event, Puttemans' two-mile mark is not an inferior one. The old record of 8:19.6 was set by Ron Clarke in top shape. Although slightly inferior to Kip Keino's corresponding 3000-meter standard of 7:39.6, the 8:17.8 is rated by the Portuguese Tables as equal to a 13:19.4 5000, a level reached only by Clarke.

Puttemans' best 5000, 13:36.6, came in the European title meet. His big move to international class came in 1968, when he lowered his 5000 best from 14:25.0 to 13:51.6. He also showed fine potential for other distances that year, timing 30:23.8 for 10,000-meters in his second-ever race at the distance, and 8:49.0 in his third steeple ever. His speed improvement is evident from his 1500 progression--3:51.7 in 1968, 3:48.2 in 1969 and 3:41.9 in 1970. □

Emile Puttemans /Ed Lacey/





## Outdoor Report

This version of the US report contains the top marks reported since the II July T&FN with marks received by Aug. 29.

Cal Poly/SLO's Bobby Turner continued his fine sprinting in Europe, turning in a pair of PRs at Aarhus. Using a legal breeze, Turner clocked 10.2 and 20.9. On the home-front, Ernie Smith got a legal 9.4, while 1960 Olympic silver medalist Dave Sime hit 9.6 for an age-36 100-yard record. Harold Williams (Newtown, Elmhurst, NY) captured the Junior Olympic title with a legal 9.5. A big shocker was provided by Olympic 1600-meter relayist Vince Matthews who equaled his 220 PR of 21.0 in his first race since 1969.

Mark Winzenried continued to produce quality middle distance times in Europe, with 800-meter races of 1:47.2n, 1:46.9 and 1:46.6n. The latter race was taken by Juris Luzins in a PR 1:45.2, the fourth-best clocking in US annals. Other PR 800s came from Lowell Paul and Tom Von Ruden at 1:46.7 and a non-winning 1:46.8. Von Ruden also zipped a 3:38.5 1500 to move into fourth on the all-time US list. In other 1500 action, John Baker ran 3:41.0, while Steve Stageberg and Keith Munson went one-two in the Western Canadian Championships with 3:44.5 and 3:45.1. Bill Clark highlighted the long-distance scene with an American record over one-hour of 12-miles, 527-yards. Runner-up Bill Scobey also topped the old record with his total of 12-miles, 389-yards.

A pair of Canadian National Exhibition miles, coming off a tradition of some outstanding mid-summer four-lappers in Toronto in previous years, did not produce the anticipated four-minute mile despite some pretty nifty talent. Marty Liquori, not having run an open race since the Pan-Am Games, requested a separate section from Francesco Arese of Italy, whom he had beaten earlier in the year's fastest 1500, but who had recently captured the European Championship metric mile. A 3:06.3 1320 pretty much killed any chance of an impressive time, and Liquori came home an easy winner in 4:02.8, a full second up on Sam Bair who produced by far his fastest mile of the year at 4:03.8. Steeplechaser Barry Brown nabbed third in 4:05.0. Just literally two minutes before the start of the other section, Arese tripped on his sweats, badly skinned his forearms but requested that the race be held up while he was bandaged. Like Liquori, Arese elected to follow the pace until just prior to the 1320 which he led in 3:05.5, ahead of Brian McElroy, John Mason, Chris Fisher of Australia and a tiring Tom Von Ruden. Arese moved sooner, at about 240, and won from a fast finishing Mason, 4:00.3 to 4:00.7. Fisher ran 4:02.4, McElroy 4:04.7. Arese required stitches.

Willie Davenport nipped Lance Babb in Denmark, 13.7 to 13.8, while Melvin Basset topped Bob Steele, 50.6 to 51.2, in the same meet. Steele had had times of 51.1 and 50.3, the former besting Ron Rondeau's 51.2. The only hurdle action of note in the US came at the San Diego Olympic training camp, where Jim Bolding hit 51.2 for the 440-yard hurdles to top Louis Vicenik's 52.2.

The vault has been a hot item in past weeks, with four over 17-feet, and other good PRs. Dennis Phillips had the best height, 17'1 $\frac{1}{4}$ ", as he negotiated 17-plus for the first time since the 1968 indoor campaign. Steve Smith matched his 17'1" best as Australian Ed Johnson finished second with a national record 16'9" in the same meet. At the Olympic training camp, NCAA indoor champ Scott Wallick hit 17'0", a height veteran Jim Eshelman matched on the west coast. Eshelman also had meets at 16'1" and 16'6", while Larry Jessee hit 16'6" twice, then 16'10". The summer has also been kind to floppers as ineligible frosh Mike Fleer of Oregon State scaled 7'1 $\frac{1}{2}$ " and 7'1", while Olympic campers Chris Dunn and prep Tom Woods bent over 6'11".

Al Feuerbach has recently been displaying his best form of the outdoor season, reaching 67'4" and 67'11 $\frac{3}{4}$ " in separate meets. In the first meet he also threw 46'10 $\frac{1}{2}$ " with his left hand for an all-time best total of 114'2 $\frac{3}{4}$ ", smashing Parry O'Brien's 1954 total of 106'10 $\frac{3}{4}$ ". In the second, he also had puts of 67'6 $\frac{1}{2}$ " and 67'10", with a foul of 68'3". Bruce Wilhelm hit 64'5" to top Sam Walker's 63'5 $\frac{1}{4}$ " at the Olympic Camp, with Erich Har-daway third at 60'10 $\frac{3}{4}$ ". Top discus marks have come from John Powell and Art Swartz, at 195'11" and 195'6", with Stan McDonald hitting 185'3". Bob Narcessian added a sizable chunk to his former PR when he tossed the hammer 216'3" at the Olympic camp, with Larry Hart and Bill Dimnee also bettering 200-feet with 212'4" and 201'8". Seventh in that competition went to

## Silvester Averaged 210'8" in 71

Jay Silvester completed a 32 meet discus throwing schedule for 1971 with a phenomenal best-throw per-meet average of 210'8". He twice upped the world standard, to 230'11" and 229'9 $\frac{1}{2}$ ", though neither is likely to be accepted because of paper-work snafus regarding sanctions. He exceeded 200-feet in 30 of those competitions, 205-feet in 24, 210-feet in 18, 215-feet in 8 and 220-feet/225-feet in 3. He lost only twice while competing against the world's best. A prolific letter-writer, Jay has once again commented on a number of aspects pertaining to his season, especially his European tour--from which highlights are excerpted here:

I competed first on June 7 and last on July 29 (52 days). During those 52 days, I averaged one meet every other day. I had 26 separate competitions in the discus. Eight of those times, I also put the shot. I averaged 210'1" in the discus and 63'9 $\frac{3}{4}$ " in the shot.

Before my wife arrived in Europe on June 28, I had thrown under 64-meters only two of 13 starts. Through the next 13 starts, I was over 64-meters only four times. There are various reasons for this. 1) We did some sightseeing. We had agreed to see Europe as well as for me to compete. 2) Training sessions almost stopped. I had been lifting weights and throwing in practice quite often until the end of June. I had even improved my best power clean to 341-lbs. 3) Ricky Bruch was banned from competing by the Swedish Federation from June 28 through July 13. So there was no real competition; hence, not much adrenalin most of the time. Bruch competed once af-



Rick Wanamaker (r) barrels around the turn during a 22.6 200-meters, part of his 3607-point tally to win the AAU pentathlon. Jeff Bannister (l) took 3rd with a PR 3534, and George Pannel (c) 7th at 3294. Both ran 23.1 200s. /Don Chadez/

prep Andrew Bessette (Cumberland, RI), who hit 172'11" for the third-best mark in prep annals with the heavy implement. Another prep, Rod Ewaliko (Gervais, Ore) hit a good 238'5" with the javelin. According to Orange Coast CC coach Jim McIlwain, Larry Stuart's 271'0" throw at Costa Mesa "must be considered as unofficial, as athletes measured their own throws". Stuart also reached 281'11" under similar conditions at that site recently.

Canadian Gerry Moro picked up a pair of AAU regional decathlon titles, capturing the PAAAU in 7234, then taking the SPAAAU in a national record 7372. Hitting 15'6 $\frac{1}{4}$ " in the vault in the latter meet, he won by beating Gary King, five events to four, after tying in points. Jeff Bannister took third with 7231 and Barry King fourth at 7152, while Russ Hodge amassed 3193 points for four events before withdrawing. In the first meet, frosh Kenny Kring topped 7000 points for the first time, hitting 7008. Another first-time 7000-pointer was Rich Robinson, who managed 7229 in New Jersey.

## AAU PENTATHLON

### Wanamaker Tags Top US Field With 3607

San Diego, Calif., Aug. 21 /by Jon Hendershott/--Rick Wanamaker made it two-for-two in AAU multi-event championships this year as he total-ed 3607 points to claim the pentathlon title. His mark puts him third on the all-time US performers list behind Bill Toomey and Russ Hodge.

Runner-up to Wanamaker in both the AAU and Pan-Am decathlons, Hodge again finished second, this time with his second-highest five-event score of 3549. Wanamaker trailed after both the long jump and 200-meters, both of which were hampered by headwinds, when Fred Samara briefly led, but he regained the front position in the discus and held it in the 1500 to win.

Jeff Bannister moved from fifth to third after the 1500 for a PR 3534 total just three days after a 7231-point effort in the SPAAAU decathlon, while John Warkentin, in his first start since dropping out of the AAU 10-event meet after a bout of low thyroid, tallied 3522. Samara ended up fifth after slipping in the discus, scoring 3486.

1. Wanamaker 3607 (22'5 $\frac{3}{4}$ ", 203'8", 22.6, 149'5", 4:50.6); 2. Hodge 3549 (21'6 $\frac{1}{4}$ ", 196'4", 22.2, 153'6", 4:56.8); 3. Bannister 3534 (21'5 $\frac{3}{4}$ ", 181'7", 23.1, 145'10", 4:27.3); 4. Warkentin 3522 (22'4 $\frac{1}{4}$ ", 182'10", 22.9, 136'5", 4:33.0); 5. Samara 3486 (23'2 $\frac{1}{2}$ ", 22.2); 6. Scott 3380; 7. Pannel 3294; 8. Locke 3286; 9. Stencel 3202. □

ter July 13, on the 14th in Formia, Italy. He threw 199'0", and offered to bet me \$1000 he would not throw again this year. I didn't take the bet but he seemed rather certain.

I consider only three meets as having some pressure: 1) the first meet against Bruch on June 7 and 2) the two duels with Geza Fejer in Stockholm on July 6 and 7... Wind: Generally there was very little in Europe. Ask any American who was there. The most we probably ever had was a 15 mph breeze in Ystad, Sweden... Do we have a rule in the US that when a foreign athlete competes, there must be an international sanction? The only reason they are not allowing my record throw in Sweden is because there was not an international sanction. The meet was arranged and advertised well in advance. There was a local sanction. Bruch could have set a world record but I couldn't. In Sweden, in fact, these international sanctions cost \$120. I don't believe the AAU receives \$120 fee for the all-comer meets in Los Angeles. Yet, Ludvik Danek's former European record of 218'2" was set in a Long Beach all-comers. I certainly feel that the throw should be recognized. It was a fabulous throw... I read a story about Bruch and myself. It finished something like this: "Yes, Silvester is happy as long as he is winning (aren't we all?) but just wait until next year and the Olympic Games." Well, I admit to the glamor of the Olympics but if that is all there is in track, we should compete only once every four years. Why don't we have a world championships in track every year?... Some Finn reporter wrote that Al Oerter should come out of retirement and beat us all. I join with the Finn in beseeching Oerter to give it one more grand try. I have the utmost respect for his ability. I would like to test mine against his just one more time. □

(marks received by Aug. 25)

This list contains roughly the top 15 performers per event in the world for 1971. \* = yard mark converted to meters; y = 120-yard hurdle time; ° = time recorded en route to longer distance.

## 100 YARDS

- 9.2 Francis Baldwin (US)
- 9.2 Cliff Branch (US)
- 9.2 George Daniels (Gha)
- 9.2 Willie Deckard (US)
- 9.2 Jim Green (US)
- 9.2 Willie McGee (US)
- 9.2 Jack Phillips (US)
- Wind-aided:**
- 9.0 Jim Green (US)
- 9.0 Del Meriwether (US)
- 9.1 Cliff Branch (US)
- 9.1 Ivory Crockett (US)
- 9.1 Charles Greene (US)
- 9.1 Willie McGee (US)
- 9.1 Don Quarrie (Jam)

## 100 METERS

- 10.0 Valeriy Borzov (SU)
- 10.0 Manfred Kokot (EG)
- 10.0 Hermes Ramirez (Cuba)
- 10.0 J-L Ravelomanantsoa (Mal)
- 10.1 Ivory Crockett (US)
- 10.1 Marshall Dill (US)
- 10.1 Chuck Francis (Can)
- 10.1 Karlheinz Klotz (WG)
- 10.1 Lennox Miller (Jam)
- 10.1 Vas Papageorgopolous (Gr)
- 10.1 Hans-Joachim Zenk (EG)

### Wind-aided:

- 10.0 Alain Sarteur (Fr)

## 200 METERS

- 19.8 Don Quarrie (Jam)
- 20.1\* Willie Deckard (US)
- 20.1 Marshall Dill (US)
- 20.2 Valeriy Borzov (SU)
- 20.3\* George Daniels (Gha)
- 20.3 Ed Roberts (Trin)
- 20.4\* Larry Black (US)
- 20.4\* Edesel Garrison (US)
- 20.4 Jorg Pfeifer (EG)
- 20.4\* Chuck Smith (US)
- 20.5\* Francis Baldwin (US)
- 20.5\* Cliff Branch (US)
- 20.5\* Warren Edmonson (US)
- 20.5 F-P Hofmeister (WG)
- 20.5 Karlheinz Klotz (WG)
- 20.5\* Carl Lawson (Jam)

### Wind-aided:

- 20.3\* Larry Black (US)
- 20.4\* Robert Mitchell (US)
- 20.4\* Dennis Schultz (US)

## 400 METERS

- 44.2\* John Smith (US)
- 44.4\* Wayne Collett (US)
- 45.0 Fred Newhouse (US)
- 45.1\* Edesel Garrison (US)
- 45.1\* Tommie Turner (US)
- 45.3 Fernando Acevedo (Peru)
- 45.5 Marcello Fiasconaro (It)
- 45.5 Dave Jenkins (GB)
- 45.6\* Dale Alexander (US)
- 45.6\* Darwin Bond (US)
- 45.6\* Lee Evans (US)
- 45.6\* Curtis Mills (US)
- 45.6\* Dave Morton (US)
- 45.6 Jan Werner (Pol)

## 800 METERS

- 1:44.7 Dicky Broberg (S Afr)
- 1:45.1 Danie Malan (S Afr)
- 1:45.2 Juris Luzins (US)
- 1:45.6 Yevgeniy Arzhanov (SU)
- 1:46.0 Dieter Fromm (EG)
- 1:46.2 Andy Carter (GB)
- 1:46.2 Ivan Ivanov (SU)
- 1:46.3 Franz-Josef Kemper (WG)
- 1:46.4 Josef Hensgens (Holl)
- 1:46.5 Andrzej Kupczyk (Pol)
- 1:46.6\* Byron Dyce (Jam)
- 1:46.6 Kazimierz Wardak (Pol)
- 1:46.6 Mark Wenzler (US)
- 1:46.7 Lowell Paul (US)
- 1:46.7 Robert Ouko (Kenya)

## 1500 METERS

- 3:36.0 Marty Liquori (US)
- 3:36.3 Francesco Arese (It)
- 3:36.9 Kip Keino (Kenya)
- 3:37.3 Ulf Hogberg (Swe)
- 3:38.5 Tom Von Ruden (US)
- 3:38.6 Pekka Vasala (Fin)
- 3:38.7 Henryk Szordykowski (Pol)
- 3:38.9 Jean-Pierre Dufresne (Fr)
- 3:39.1 Jurgen Haase (EG)
- 3:39.1 Bram Wassenaar (Holl)
- 3:39.2 Brendan Foster (GB)
- 3:39.3 Peter Stewart (GB)

## ONE MILE

- 3:54.4 Kip Keino (Kenya)
- 3:54.6 Marty Liquori (US)
- 3:54.8 Jim Ryan (US)
- 3:56.4 Arne Kvalheim (Nor)
- 3:56.6 Walter Wilkinson (GB)

## THREE MILES

- 12:58.2° Dave Bedford (GB)
- 12:58.6 Steve Prefontaine (US)
- 13:00.4 Steve Stageberg (US)
- 13:02.4 Frank Shorter (US)
- 13:04.4 Len Hilton (US)
- 13:04.4 Gerry Lindgren (US)

## 5000 METERS

- 13:22.2 Dave Bedford (GB)
- 13:29.8 Lasse Viren (Fin)
- 13:30.4 Steve Prefontaine (US)
- 13:30.4 Jean Wadoux (Fr)
- 13:30.8 Kip Keino (Kenya)
- 13:31.2 Dane Korica (Yug)
- 13:32.2 George Young (US)
- 13:32.6 Juha Vaatainen (Fin)
- 13:33.6 Vladimir Afonin (SU)
- 13:33.6 Javier Alvarez (Sp)
- 13:33.6 Rashid Sharafyedinov (SU)

## 10,000 METERS

- 27:47.0 Dave Bedford (GB)
- 27:52.8 Juha Vaatainen (Fin)
- 27:53.4 Jurgen Haase (EG)
- 27:56.4 Rashid Sharafyedinov (SU)
- 27:58.4 Dane Korica (Yug)
- 27:59.4 Mariano Haro (Sp)
- 28:14.0 Eckhard Lesse (EG)
- 28:14.8 Mike Tagg (GB)
- 28:17.2 Seppo Tuominen (Fin)
- 28:17.4 Lasse Viren (Fin)
- 28:19.2 Noel Tijou (Fr)
- 28:20.4 Lucien Rault (Fr)
- 28:21.0 Nedo Farcic (Yug)
- 28:21.0 Manfred Letzerich (WG)
- 28:22.0 Gaston Roelants (Belg)

## MARATHON

- 2:12:39 Ron Hill (GB)
- 2:13:09.0 Karel Lismont (Belg)
- 2:13:27 Trevor Wright (GB)
- 2:13:45.2 Hayami Tanimura (Jap)
- 2:14:03 Jurgen Busch (EG)
- 2:14:30.0 Paddy Coyle (Eire)
- 2:14:57.0 Daniel McDavid (Eire)
- 2:14:58.6 Don Faircloth (GB)
- 2:15:19 Jeff Julian (NZ)

## STEEPLECHASE

- 8:24.0 Kerry O'Brien (Aus)
- 8:25.2 Jean-Paul Villain (Fr)
- 8:25.4 Anatoliy Vyerlan (SU)
- 8:26.2 Dusan Moravcik (Cze)
- 8:26.4 Sid Sink (US)
- 8:26.4 Pavel Sisoyev (SU)
- 8:26.4 Sverre Sornes (Nor)
- 8:27.0 Romualdas Bite (SU)
- 8:27.6 Mike Manley (US)
- 8:28.2 Kazimierz Maranda (Pol)
- 8:28.4 Anders Garderud (Swe)
- 8:28.4 Henryk Lesiuk (Pol)
- 8:29.0 Mikko Ala-Leppilampi (Fin)
- 8:29.6 Ilmar Ruus (SU)
- 8:29.6 Steve Savage (US)

## 110 METER HURDLES

- 13.0y Rod Milburn (US)
- 13.3y Willie Davenport (US)
- 13.4y Lance Babb (US)
- 13.4y George Carty (US)
- 13.4y Paul Gibson (US)
- 13.4 Lubomir Nadenicek (Cze)
- 13.4 Frank Siebeck (EG)
- 13.4y Tommy White (US)
- 13.4y Jerry Wilson (US)
- 13.5y Ron Draper (US)
- 13.5y Erv Hall (US)
- 13.5y Bill High (US)
- 13.5y Tom McMannon (US)
- 13.5y Charles Rich (US)
- 13.5y Dick Taylor (US)

### Wind-aided:

- 13.3y Ron Draper (US)
- 13.3 Juan Morales (Cuba)
- 13.4y Bill High (US)

## 400 METER HURDLES

- 48.9 Ralph Mann (US)
- 49.0 John Akii-Bua (Ug)
- 49.0\* Wes Williams (US)
- 49.2 Jean-Claude Nallet (Fr)
- 49.3 Christian Rudolph (EG)
- 49.6 Dieter Buttner (WG)
- 49.6 Ari Salin (Fin)
- 49.7\* Jim Seymour (US)
- 49.8 William Koskei (Ug)
- 49.8 Vyach Skomorokhov (SU)
- 49.9\* Dick Bruggeman (US)
- 49.9\* Mike Cronholm (US)
- 49.9\* Lee Evans (US)
- 49.9\* Roger Johnson (NZ)
- 49.9 Rainer Schubert (WG)
- 49.9\* Ron Whitney (US)

## HIGH JUMP

- 7'6<sup>1</sup>/<sub>2</sub>" Pat Matzdorf (US)
- 7'4<sup>5</sup>/<sub>8</sub>" Ni Chih-chin (China)
- 7'3<sup>3</sup>/<sub>4</sub>" Rustam Akhmyetov (SU)
- 7'3" Reynaldo Brown (US)
- 7'3" Istvan Major (Hun)
- 7'2<sup>5</sup>/<sub>8</sub>" Jan Dahlgren (Swe)
- 7'2<sup>5</sup>/<sub>8</sub>" John Dobroth (US)
- 7'2<sup>5</sup>/<sub>8</sub>" Csaba Dozza (Rum)
- 7'2<sup>5</sup>/<sub>8</sub>" Hermann Magerl (WG)
- 7'2<sup>5</sup>/<sub>8</sub>" Kestutis Sapka (SU)
- 7'2<sup>5</sup>/<sub>8</sub>" Hidehiko Tomizawa (Jap)
- 7'2<sup>5</sup>/<sub>8</sub>" Roman Moravec (Cze)
- 7'2" Mike Bowers (US)
- 7'2" Scott English (US)
- 7'2" Tim Heikkila (US)
- 7'2" Emile Roussow (S Afr)
- 7'2" Gene White (US)

## POLE VAULT

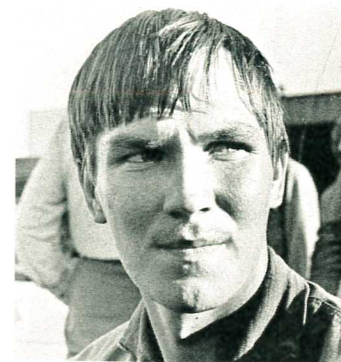
- 17'9<sup>1</sup>/<sub>2</sub>" Kjell Isaksson (Swe)
- 17'8<sup>3</sup>/<sub>4</sub>" Wolfgang Nordwig (EG)
- 17'7" Yuriy Isakov (SU)
- 17'6<sup>1</sup>/<sub>2</sub>" Dave Roberts (US)
- 17'5<sup>3</sup>/<sub>4</sub>" Jan Johnson (US)
- 17'4<sup>3</sup>/<sub>4</sub>" Renato Dionisi (It)
- 17'4<sup>3</sup>/<sub>4</sub>" Chris Papanicolaou (Gr)
- 17'4" Kirk Bryde (Can)
- 17'2<sup>3</sup>/<sub>4</sub>" Hans Lagerqvist (Swe)
- 17'2<sup>3</sup>/<sub>4</sub>" Volker Ohl (WG)
- 17'1<sup>1</sup>/<sub>2</sub>" Wojciech Buciariski (Pol)
- 17'1" Paul Heglar (US)
- 17'1" Steve Smith (US)

## LONG JUMP

- 27'3<sup>1</sup>/<sub>4</sub>" Ron Coleman (US)
- 27'1<sup>1</sup>/<sub>4</sub>" Norm Tate (US)
- 26'8<sup>3</sup>/<sub>4</sub>" Henry Jackson (US)
- 26'8<sup>3</sup>/<sub>4</sub>" Henry Hines (US)
- 26'7<sup>3</sup>/<sub>4</sub>" Jan Kobuszewski (Pol)
- 26'6<sup>3</sup>/<sub>4</sub>" James McAlister (US)
- 26'5<sup>3</sup>/<sub>4</sub>" Josef Schwarz (WG)
- 26'4<sup>3</sup>/<sub>4</sub>" Arnie Robinson (US)
- 26'4<sup>3</sup>/<sub>4</sub>" Jacques Pani (Fr)
- 26'3<sup>3</sup>/<sub>4</sub>" Hans Baumgartner (WG)
- 26'3" Max Krauss (EG)
- 26'2<sup>3</sup>/<sub>4</sub>" Danny Brabham (US)
- 26'2<sup>3</sup>/<sub>4</sub>" Alan Lerwill (GB)
- 26'1<sup>3</sup>/<sub>4</sub>" Bouncy Moore (US)
- 26'1<sup>3</sup>/<sub>4</sub>" Phil May (Aus)

### Wind-aided:

- 26'10<sup>3</sup>/<sub>4</sub>" Josh Owusu (Gha)
- 26'10<sup>3</sup>/<sub>4</sub>" Arnie Robinson (US)
- 26'7<sup>3</sup>/<sub>4</sub>" Alan Lerwill (GB)
- 26'7" Danny Brabham (US)
- 26'6<sup>3</sup>/<sub>4</sub>" Bouncy Moore (US)



With Hannu Siitonen's PR javelin toss of 290'11", Finland became the first nation to claim three 290-footers. /Guy Mattson/

- 26'6<sup>1</sup>/<sub>4</sub>" Stan Whitley (US)
- 26'5" Randy Boston (US)
- 26'3<sup>3</sup>/<sub>4</sub>" Randy Williams (US)
- Incomplete wind info:**
- 26'2<sup>1</sup>/<sub>4</sub>" Bouncy Moore (US)

## TRIPLE JUMP

- 57'1" Pedro Perez (Cuba)
- 56'3<sup>3</sup>/<sub>4</sub>" Viktor Saneyev (SU)
- 56'2" Carol Corbu (Rum)
- 55'6<sup>1</sup>/<sub>2</sub>" Jorg Drehmel (EG)
- 55'2<sup>1</sup>/<sub>4</sub>" Nelson Prudencio (Braz)
- 55'1<sup>1</sup>/<sub>4</sub>" Mohinder Gill (India)
- 55'1" Heinz-Gunter Schenk (EG)
- 54'8<sup>3</sup>/<sub>4</sub>" Gennadiy Byessonov (SU)
- 54'7<sup>1</sup>/<sub>4</sub>" Michael Sauer (WG)
- 54'7" John Craft (US)
- 54'6<sup>3</sup>/<sub>4</sub>" Siegfried Dahne (EG)
- 54'5<sup>1</sup>/<sub>4</sub>" Dave Smith (US)
- 54'5" Norm Tate (US)
- 54'4" Phil May (Aus)

### Wind-aided:

- 56'3<sup>3</sup>/<sub>4</sub>" Jorg Drehmel (EG)
- 56'1<sup>1</sup>/<sub>2</sub>" Phil May (Aus)
- 55'4" Gennadiy Byessonov (SU)
- 55'2<sup>1</sup>/<sub>4</sub>" Dave Smith (US)

## SHOT PUT

- 69'2" Hartmut Briesenick (EG)
- 68'8" Randy Matson (US)
- 68'7<sup>3</sup>/<sub>4</sub>" H-J Rothenburg (EG)
- 67'11<sup>3</sup>/<sub>4</sub>" Al Feuerbach (US)
- 67'5<sup>3</sup>/<sub>4</sub>" Dieter Hoffmann (EG)
- 67'5" Wladyslaw Komar (Pol)
- 67'2<sup>3</sup>/<sub>4</sub>" Karl Salb (US)
- 67'1<sup>1</sup>/<sub>4</sub>" Vilmos Varju (Hun)
- 66'6<sup>3</sup>/<sub>4</sub>" Hans-Peter Gies (EG)
- 66'3<sup>3</sup>/<sub>4</sub>" Hans-Dieter Prollius (EG)
- 66'3" Steve Wilhelm (US)
- 66'1" Miroslav Janousek (Cze)
- 65'11<sup>1</sup>/<sub>4</sub>" Vince Monari (US)
- 65'9" Bruce Wilhelm (US)

## DISCUS THROW

- 230'11" Jay Silvester (US)
- 224'1<sup>1</sup>/<sub>2</sub>" Ricky Bruch (Swe)
- 221'1" Tim Vollmer (US)
- 219'6<sup>1</sup>/<sub>2</sub>" Geza Fejer (Hun)
- 216'0" Mike Hoffman (US)
- 213'0" Don Tollefson (US)
- 212'8" Ludvik Danek (Cze)
- 210'1<sup>1</sup>/<sub>2</sub>" Klaus-Peter Hennig (WG)
- 209'3<sup>1</sup>/<sub>2</sub>" Lothar Milde (EG)
- 209'2" Hartmut Losch (EG)
- 209'0" Veljo Kuusemaa (SU)
- 208'5" Gary Ordway (US)
- 208'4" Pentti Kahma (Fin)
- 208'4" Vladimir Lyakhov (SU)
- 207'9" Ed Kohler (US)

## HAMMER THROW

- 245'8<sup>1</sup>/<sub>2</sub>" Uwe Beyer (WG)
- 242'10" Reinhard Theimer (EG)
- 240'11<sup>1</sup>/<sub>2</sub>" Walter Schmidt (WG)
- 240'5" Istvan Encsi (Hun)
- 239'7<sup>1</sup>/<sub>2</sub>" Gyula Zsivotzky (Hun)
- 239'5" Vasilij Khmyzlevskiy (SU)
- 238'8<sup>1</sup>/<sub>2</sub>" Jochen Sachse (EG)
- 237'7" Anatoliy Bondarchuk (SU)
- 234'6" Sandor Eckschmidt (Hun)
- 233'6" Tom Gage (US)
- 233'4<sup>1</sup>/<sub>2</sub>" Iosif Gamskiy (SU)
- 233'8" Romuald Klim (SU)



Uganda's John Akii-Bua emerged in 1971 as an intermediate hurdler of international stature. /Ron Green/

by Ted Brock  
John Akii-Bua looked at the Grasstex track with approval. "If I trained here for three consecutive weeks, I could run 48 easy."  
The long-legged, 6'2", 170-lb. Ugandan intermediate hurdler who had just spent two of the last weekends in the United States instructing Americans, Russians and World All-Stars in the Akii-Bua style, took another look around before shaking out each leg and circling the track. He and a delegation of African athletes, officials, and interpreters were visiting Merritt Community College in the hills of Oakland, California. The morning schedule had been: welcome from President Norvell Smith (himself a black man, who explained Merritt's involvement in African-American studies and the nature of the black community in the Oakland-Berkeley area); words from various representatives of the black campus community; coffee; lunch with the black mayor of Berkeley, Warren Widener; and back to San Francisco to wait in the hotel or walk downtown.

This was Friday morning. None of the athletes had seen a track since the US-Africa meet in Durham, N.C. the previous Saturday. One of them decided he'd rather not take coffee.

Akii asked Merritt coach Roy Caldwell for directions to the track. Coach Caldwell headed there via the locker room, only to find that his guest was already outfitted beneath his street clothes. By now there was a small entourage, no doubt the largest group to watch a workout on Merritt's new surface.

It was at this point that Akii-Bua talked quietly of "48 easy". He did not say 48.8 or 48.1 or 48.0. If the latter should take place, perhaps the entry of the record should be given an asterisk ("\*48 easy"). It would be consistent with the man's style.

In his introduction of John Akii-Bua at the US-USSR-World All-Star meet, announcer Dwaine Esper mentioned that the Ugandan had established

## John Akii-Bua: With Good Facilities, '48 Easy'

an African record of 49.7 on a grass track during the month of May. Proof that this was no fluke came a few minutes later, as Akii whisked to a 50.1 victory over favorites Wes Williams and the Russian Vyacheslav Skomorokhov. "Before the race I was scared because of their speed... Williams had run 49.3, the Russian had more competition... although I took the running very easily."

Akii's sense of understatement is underscored by a review of the race. "Very easily" included taking the last two hurdles as if they were lows, while Williams and Skomorokhov engaged in a wrestling match with gravity over the final yards. By comparison, Akii seemed oblivious to the presence of hurdle number 10. With a smooth forward motion, he came off the barrier and accelerated to the tape.

"Sometimes (in training) I get the 10th hurdle and run a flat 400-meters except for that hurdle. Sometimes I take it with my left, sometimes right." Ordinarily, Akii's stride pattern, developed with the assistance of Uganda's national coach Malcolm Arnold, calls for a right-leg lead over the ninth and 10th hurdles. The complete pattern: 13 steps to hurdles 1-5 (right leg); 14 steps to hurdles 6-8 (left-right-left); 15 steps to hurdles 9 and 10 (right).

In Durham, Akii won his event in 49.0, bettering his pending African record and placing himself in a tie for sixth on the all-time world list. He recalls "taking the first hurdle with my left leg, but I didn't lose my balance. I'm very weak landing with my left, but I didn't lose speed. I felt great, so I decided to go."

"I didn't run the 49.0 all out. I like that time, it was ok. Nobody was bothering me to drive to the tape." Akii had been given the outside lane and felt the need to go out fast to dominate in the early going.

"I was having a workout one morning in Durham. This fellow came to me and asked what I was trying to do. I told him I was trying to get 13 strides, so he told me maybe I could talk to Lee Calhoun." Calhoun watched Akii and also noticed his trouble in leading with his left leg. "Lee Calhoun told me to straighten up and keep forward momentum."

Advice from another coach had also proven beneficial before the US-USSR meet. "The day before the Berkeley meet, Brooks Johnson (a national coach for the women) told me that I'm floating over the hurdles, that the thing to do is to try for a quick touch-down. In fact, I tried it once during the race in Berkeley. He told me it looked a little bit better."

Proving that one cannot discuss intermediate hurdling (not even world class intermediate hurdling) all day, Akii was willing to discuss some of the details of his life in Uganda.

John Akii-Bua will be 21 this December 3. He is one of 43 children born to his father and eight wives. Of the original 43, 29 are still alive. Nineteen of the 29 are boys, and he estimates that about half of these are sportsmen. Six participate in track, and three have resigned from the sport. His father died in 1964, and his mother now lives in Lira, in the district of Lango, 220 miles from Kampala.

Akii himself lived in Kampala, where his duties as a police academy instructor include time for a variety of sports. Volleyball ("both hands"),



John Akii-Bua's biggest victory of this, or any other, year was this 49.0 African record win in the US-Africa meet. /Murdock/

for the police team; basketball ("instead of jogging"), including a runners vs. throwers rivalry; soccer ("I just stay at the goal to do acrobatics"); and swimming (Akii holds a bronze medallion, comparable to a senior life saving badge in the U.S.).

What training facilities are available to a police instructor? First, the academy does have a full sports ground. However, since the track is grass (as are all in Uganda), Akii's training is often done on a surface comparable to dense jello. He smiles and adds, "I don't worry about getting my shorts dirty. I fix those extra long nails (spikes)." As for the predictability of the track's condition, a comparison could be made with your local horse racing ground. "Today it's ok. Tomorrow you may find holes in the track. If you step in one of them when you're running, you're finished. That's what happens to most of our good young runners."

Akii-Bua is quick to praise the training methods and advice of Arnold, a Britisher who has been his coach since 1969. Several times while talking of his successes in Israel (50.2 in the Hapoel Games) and Uganda (50.9, 49.7) during the spring, Akii marveled at the general response of those who had not witnessed his races in person. "They didn't believe that with my kind of body I could be running that pattern. They didn't even believe those times. (Now gesturing with arms outstretched and palms up.) They thought Arnold was favoring me."

The disbelief seems natural when he adds that track crowds in Uganda are seldom up to the capacity of a high school dual meet in the US. An article in the Uganda Argus dates May 28 of this year (the day before Akii's 49.7) concluded "contrary to present rumor, this stadium is not on the top of Mount Elgon and the public is not prevented from watching and it does not cost even one cent. Please come and support your athletes".

Akii elaborated on his own interpretation of the track public in a number of areas. Among them:

"There are transportation problems. If one person has the 50 cents for the four-mile fare, his only question is how to get home after the meet. Spectators are very much needed in every games. I've been talking about building a cinder track inside the city."

"I wanted to make people realize that Uganda could produce hurdlers. Maybe people thought that Africa would not have another hurdler like Koskei (countryman William Koskei, second in last year's Commonwealth Games and world ranked seventh). They all know me now."

Akii is generally familiar with current intermediate hurdlers. ("I don't know how tall Ralph Mann is. I don't know what stride pattern he takes. I would like to race him."). Other plans for the foreseeable future? "I'm trying to build myself as a 400-meters runner. I don't do interval training... of course, I don't know what interval training is."

"(Building toward the 1972 Olympics) I've got to get a way of running 49 seconds easy."

"Those people who run in the Olympic finals, their names will remain there. It's just like writing history."

John Akii-Bua has given notice that he plans to do some writing. □

232'11" Anatoliy Shchuplyakov (SU)  
232'2½" Hans Fahsl (WG)  
232'2" George Frenn (US)

### JAVELIN THROW

297'6" Janis Lusis (SU)  
293'1" Janis Donins (SU)  
290'1" Hannu Siitonen (Fin)

288'0" Jorma Kinnunen (Fin)  
283'1" Klaus Wolfermann (WG)  
280'7½" Miklos Nemeth (Hun)  
279'4" Gergely Kulcsar (Hun)  
277'2" Bill Skinner (US)  
276'10" Wolfgang Hanich (EG)  
276'2" Zygmunt Jaloszynski (Pol)  
275'6" Cary Feldmann (US)

275'2½" Wladyslaw Nikiciuk (Pol)  
274'2½" Jozsef Csik (Hun)  
273'1" Larry Stuart (US)  
272'1" Mark Murto (US)

### DECATHLON

8244 Kurt Bendlin (WG)  
8237 Boris Ivanov (SU)

8206 Joachim Kirst (EG)  
8122 Hans-Joachim Walde (WG)  
8096 Nikolay Avilov (SU)  
8044 Leonid Litvinyenko (SU)  
8043 Heinz-Ulrich Schulze (WG)  
8038 Lennart Hedmark (Swe)  
8008 Herbert Swoboda (WG)  
7998 Freddy Herbrandt (Belg) □



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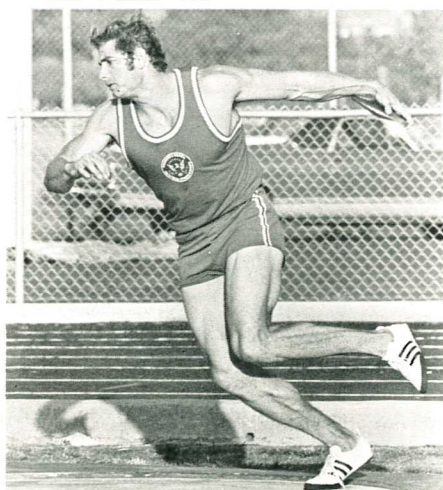
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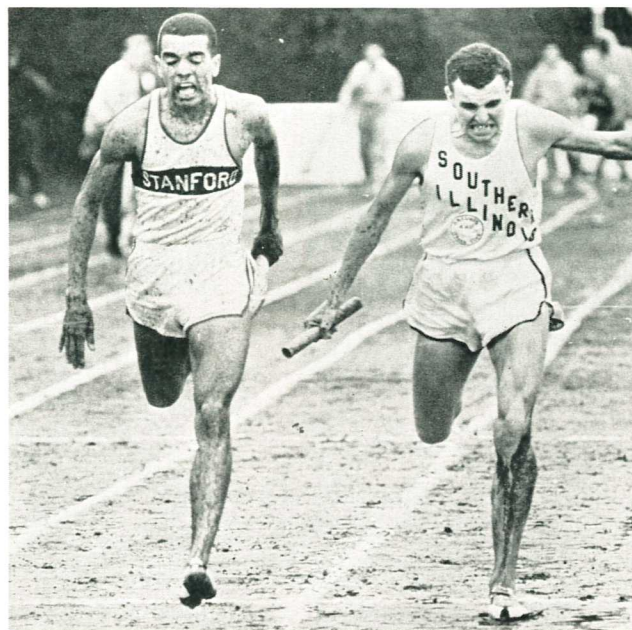
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## AAU CHAMPIONSHIPS

## Tennessee State's 440 Relayists Clock Record

Bakersfield, Calif., July 9-10 /from Casey Ide/--The relayists were as hot as the temperatures and world records at both 440-yards and one mile resulted at the women's AAU championships, held on Bakersfield JC's Tartan track in temperatures ranging up to 90°.

Over the one-lap route, Tennessee State's combo of Diane Hughes, Debra Wedgeworth, Mattline Render and Iris Davis combined for a 44.7 clocking in the semis Friday to shave three-tenths off the former record held by Great Britain. The quartet returned in the finals Saturday for a 44.8 victory. In the mile relay race, both the Atoms TC and Sports International clocked 3:38.8 with the former claiming the win thanks to Cheryl Toussaint's lean which edged Gwen Norman. Both blasted the Atoms' old mark of 3:41.3.

Pat Hawkins of the Atoms lowered her own American standard in the 200-meter hurdles by a big six-tenths to 26.1.

Several youthful performers scored upsets over more seasoned competitors. Mable Ferguson, 16, claimed the 400-meters in 53.3 over international veterans Norman and Jane Burnett and also ran third in the 200. Kim Attlesley, daughter of former high hurdle record holder Dick Attlesley, long jumped 20'8 $\frac{3}{4}$ " to edge the experienced pair of Willye White 20'8 $\frac{1}{4}$ " (the ageless US female counterpart of Soviet male Igor Ter-Ovanesyan) and Martha Watson 20'1 $\frac{1}{4}$ ", both Olympians. Kathy Gibbons let the Francies, Larrieu and Johnson, lead the 1500 for two laps but by the three-lap mark was in command and Gibbons kicked home for a 4:19.2 triumph, well up on Johnson's 4:23.0. Linda Iddings won the high jump at 5'8", a personal best by three inches and best by an American this year.

Of course, the veterans made their presence felt too. Davis retained her 100-meter title with 11.2, while Toussaint's 2:04.3 served to win the 800. Along with their relay efforts, they were named co-winners of the athlete of the meet honors. Doris Brown confined her efforts to the two-mile and won easily in 10:07.0. Patty Johnson bucked a headwind but still edged Mamie Rallins in the 100-meter hurdles, both with 13.5s. Lynn Graham pushed the shot out 52'0" for an exact two-foot victory over Lynette Mathews.

100m (1.92 mph), Davis 11.2; 2. Boyle 11.3. 200m (-4.02 mph), Boyle 23.1. 400m, M. Ferguson 53.3; 2. Norman 53.8. 800m, Toussaint 2:04.3. 1500m, Gibbons 4:19.2; 2. F. Johnson 4:23.0; ...6. Larrieu 4:28.9. 2Mile, Brown 10:07.0. 100mH (-4.74 mph), P. Johnson 13.5; 2. Rallins 13.5. 200mH, Hawkins 26.1 AR. HJ, Iddings 5'8". LJ, Attlesley 20'8 $\frac{3}{4}$ "; 2. White 20'8 $\frac{1}{4}$ "; 3. Watson 20'1 $\frac{1}{4}$ ". SP, Graham 52'0". DT, Dela Vina 179'6". JT, Calvert 179'7". 440R, Tennessee State 44.8 (Hughes, Wedgeworth, Render, Davis). Semis: Tennessee State 44.7 WR, AR. 880 MedleyR, Angels TC 1:43.5. MileR, Atoms TC 3:38.8 WR, AR (Hooten 56.5, Reynolds 54.8, Fitzgerald 54.1, Toussaint 53.4); 2. Sports International 3:38.8 (Stroy 55.6, O'Neal 55.5, Burnett 54.1, Norman 53.6). 2MileR, San Jose Cindergals "A" 8:53.6 (Wooten, Cooper, Miller, Larrieu).

## EUROPEAN CHAMPIONSHIPS

## Record Orgy Produces 3 World, 1 European Marks

Helsinki, Finland, Aug. 10-15--The men's competition at the European Championships was fine, but outdone by the record-breaking performances of the female contingent. Only two meet standards were left untouched, as the women set three new world and one European record.

The first world mark of the meet came from Soviet discus thrower Faina Myelnik, with a last-round effort of 210'8 $\frac{1}{2}$ ", which added nearly a foot to Liesel Westermann's old standard. Westermann, who finished second here, had led the competition from the second round with 202'4".

The other big records all came in a spectacular last day, highlighted by a sensational 1500-meters in which the first three exceeded the old world standard. It was an all-German affair, as easterner Karin Burneilet zipped 4:09.6 to top countrywoman Gunhild Hoffmeister (4:10.3) and westerner Ellen Tittel (4:10.4). The Germans also split the relay titles, with an East German quartet zipping the 1600-meter route in 3:29.3 for a new world mark. Rita Kuhne led off with a slow 54.2, but impressive middle legs of 51.4 by both Ingelore Lohse and Helga Seidler, plus a 52.3 by Monika Zehrt were all that was needed. A West German foursome of Elfgard Schittenhelm, Inge Helten, Annegret Irrgang and Ingrid Mickler passed their way to 43.3 in the short relay for a new European mark, only a tenth off the world best.

Mickler also took the long jump title, leaping a PR 22'2 $\frac{1}{4}$ " to move from fourth in the last round. A busy performer, Mickler had earlier placed second in the 100. In the long jump, world record holder Heide Rosendahl was shunted to third, at 21'10 $\frac{1}{4}$ ", although five minutes before the competition began she had captured the pentathlon title with 5229 points edging the world record holder in that event, Burglinde Pollak, by 24 points.

A strong clash in the 800 was expected between new world record holder Hildegard Falck of West Germany and Student Games champ Hoffmeister. However, the clash turned into a collision at 200-meters and both fell to the track. Yugoslavian Vera Nikolic, the 1966 champion, turned in a quick 2:00.0 to win in their absence.

100m(ok), Stecher (EG) 11.4 =MR. 200m(ok), Stecher 22.7 MR. 400m, Seidler (EG) 52.1. 800m, Nikolic (Yug) 2:00.0 MR. 1500m, Burneilet (EG) 4:09.6 WR; 2. Hoffmeister (EG) 4:10.3; 3. Tittel (WG) 4:10.4. 100mH(ok), Balzer (EG) 12.9 MR. HJ, Gusenbauer (Aut) 6'1 $\frac{3}{4}$ " MR. LJ, Mickler (WG) 22'2 $\frac{1}{4}$ "ok MR. SP, Chizhova (SU) 66'1 $\frac{3}{4}$ ". DT, Melnik (SU) 210'8 $\frac{1}{2}$ " WR. JT, Jaworska (Pol) 200'1 $\frac{1}{2}$ " MR. Pent, Rosendahl (WG) 5299 MR; (13.5, 44'11 $\frac{1}{2}$ ", 5'6 $\frac{1}{2}$ ", 21'11 $\frac{1}{2}$ ", 23.8); 2. Pollak (EG) 5275 (13.3, 52'10 $\frac{1}{4}$ ", 5'4 $\frac{5}{8}$ ", 20'1 $\frac{1}{4}$ ", 24.1). 400mR, West Germany 43.3 ER (Schittenhelm, Helten, Irrgang, Mickler). 1600mR, East Germany 3:29.3 WR (Kuhne 54.2, Lohse 51.4, Seidler 51.4, Zehrt 52.3). □

## LOS ANGELES SENIORS

## Morris 15'0", O'Brien 53'4", 164'9", Smith 11.2

Los Angeles, Calif., June 19-21--The second edition of the World Senior's championships was spiced by the addition of a 35-39 age group, the first national competition ever offered for under-40 "seniors".

Taking prime advantage of this opportunity to compete was LA State coach Ron Morris, who vaulted 15'0" to set a new world age-36 best. A silver medalist at Rome in 1960, Morris said, "I might have made 15'6", but I was getting a little tired and sore at the end. I feel I could get 16-feet if I trained hard."

A pair of 39-year-old ex-Olympians, shot putter Parry O'Brien and sprinter Dean Smith, both set new age records. O'Brien heaved the shot 53'4" and the disc 164'9", both good for new American bests, while Smith's 11.2 100-meters was a new world standard.

The meet offered a category for everyone, with eight different sections, broken into five year spans. The best mark in the 40-44 section came from 41-year-old Shirley Davisson, who spanned 21'9 $\frac{3}{4}$ " in the long jump to up his own US senior (over-40) record.

Multiple winners were the rule rather than the exception. Ralph Higgins, coach of the all-Army team at Fort MacArthur, captured seven events in the 65-69 category--the 100, 200, high and low hurdles, long jump, triple jump and javelin. John Whittemore collected seven wins in the 70-plus category. Virgil McInyre took six titles in the 60-65 category, and five-time winners were Ed Lowell in the 55-59 group and Boo Morcom in the 50-54.

## MASTERS CHAMPIONSHIPS

## Payne Plunks Hammer 222'1 1-2" at 40

San Diego, Calif., July 2-4 /by Wally Donovan/--Howard Payne, a 40-year-old British professor at Birmingham University, threw the 16-lb. hammer 222'1 $\frac{1}{2}$ " for a new world seniors record at the fourth annual US Masters Championships. His effort would have placed him second in the national AAU meet conducted the week before in Eugene, Oregon. As a matter of fact, Payne is a national AAU champion, since the masters meet was designated this year as the first national AAU Championships for veterans.

It was a walk down memory lane at Balboa Stadium this fourth of July weekend. Here were former Olympic, American and collegiate champions and world record holders, now over 40, competing for medals and mastery.

Winner of the Masters Six was former decathlon star Brayton Norton. Norton scored 3515 points, a world record for seniors, in defeating defending champion Bud Held, who finished second with 3242. Held was far off his usual form in the javelin. The former world record holder could only manage 191'11 $\frac{1}{2}$ " as compared to his over-40 world record set last year of 229'3".

Dennis Coveney of Vancouver, B.C. won the marathon in 2:39:02.0. Second was Hal Higdon who had won the 10,000-meters two days earlier in 32:37.8.

All the AAU champions from 1947 to 1955 competed in the javelin throw. Bill Miller, former national champion from Arizona State, won with a toss of 206'1 $\frac{1}{2}$ " followed by Held with 202'8". Steve Seymour took the Division II title with a toss of 164'3".

Fortune Gordien, former world record holder in the discus, won his favorite event with a throw of 147'0". George Rhoden, the 1952 Olympics 400-meter champion, ran a leg on the second-place 400-meter relay but was unable to contest individual races due to injury.

Former national champion Bill Bangert was second in the shot and fifth in the discus. Another star from the 1940s, Richmond "Boo" Morcom, won his division's vault title at 10'6" and ran on the winning relay team.

As if that wasn't enough nostalgia for one day, Norman Bright, an international distance runner in 1935, and Bud Deacon, world's leading vaulter in 1934, also competed. Bright, now 61, finished second in that mile and 10,000-meters. Deacon (60) won the 880, was second in the 440 and third in the mile.

Division I (40-49): 100, Stolpe 10.5. 220, Stolpe 23.7. 440, Kamrass 52.8. 880, Fitzgerald 2:00.9. Mile, Fitzgerald 4:33.6. 5000m, Fish-er 15:47.4. 10,000m, Higdon 32:37.8. Mar, Coveney 2:39:00.2; 2. Higdon 2:42:51. MileWalk, Kelly 7:06.8. 20kWalk, Kelly 1:42:38.6. 3000mSt, Stock 10:50.4. 120HH(39", all divisions), Rademaker 16.1. HJ, Austin 5'8 $\frac{1}{4}$ ". PV, Hiob 13'0". LJ, Davisson 20'3". TJ, Grant 37'5 $\frac{3}{4}$ ". SP(16-lb.), Ker 46'4 $\frac{1}{2}$ ". ...3. Payne 45'1". DT(2 kg.), Gordien 147'0". HT(16-lb.), Payne 222'1 $\frac{1}{2}$ " (world senior record); 2. Backus 169'5". JT(800 g), Miller 206'1"; 2. Held 202'8". Masters Six (100y, 440y, SP/12-lb., LJ, JT, Mile), Norton 3515 (11.2, 54.2, 42'7 $\frac{1}{2}$ ", 19'5 $\frac{1}{2}$ ", 164'6 $\frac{1}{2}$ ", 5:15.3). 440R, Corona Del Mar TC 44.9 (Davisson, Badinelli, Stolpe, Cheek). MileR, Seniors TC "A" 3:33.7 (Fitzgerald, Dawkins, Kleinsasser, Kamrass). 2MileR, Seniors TC "A" 8:33.6 (Holt, Fitzgerald, Van Tatenhove, Kleinsasser).

Division II (50-59): 100, McDonald 11.3. 220, Guidet 25.0. 440, Knuppel 59.5. 880, Waterman 2:17.0. Mile, Salmon 5:02.0. 5000m, Gilmour 17:08.0. 10,000m, Gilmour 35:42.8. Mar, Zook 3:06:33. MileWalk, Gould 7:36.8. PV, Morcom 10'6". LJ, Sharp 16'10". SP(12-lb.), Heard 51'2 $\frac{3}{4}$ ". DT(1.6 kg.), Aldrich 135'3". HT(16-lb.), Patterson 113'11". JT (800 g), Seymour 164'3". 440R, Corona Del Mar TC 50.6 (Futz, Morcom, Heard, Winton). MileR, Seniors TC 4:16.0 (Halpin, Bulick, McInyre, Sjostrand).

Division III (60-69): 100m, McIntyre 12.0. 220, McIntyre 26.9. 440, McIntyre 61.9. 880, Deacon 2:31.4. Mile, Andberg 5:18.8. 5000m, Andberg 17:42.6. 10,000m, Andberg 37:12.8. Mar, Miller 3:20:47. Mile Walk, Fishback 9:05.0. LJ, McIntyre 14'1 $\frac{1}{2}$ ". SP(8-lb.), Hersey 47'11 $\frac{1}{4}$ ". HT(16-lb.), Hubbell 70'4 $\frac{1}{2}$ ". JT(800 g), Carnine 103'0".

Division IV (70-up): Mar, Johnson 4:48:48 (71 years old). □

# Now Is The Time For The Computer

by Garry Hill

"I would love to see more research done in track and field in real scientific investigations. There is really very little being done currently, and the sport has developed so far that it needs to be done. And," says Gerry Purdy, "I believe that a lot could be done."

A pioneer in the application of the computer to track and field, Purdy has made a major contribution to the sport in the form of "Computerized Running Training Tables", which he co-authored with Jim Gardner.

"The original basis behind applying the computer to track was simply to provide information," explains Purdy. In the beginning, Purdy and Gardner were simply interested in world records and analysis of technical literature and thought that time could be saved by writing a computer program for their work. "After a while, it became a more complex program and we wanted it to do more things." The idea of establishing training levels for runners of different capabilities was born, and in early 1968 the first elementary pacing charts came into use.

By the fall of 1970, the duo were convinced that a good working model had been formulated, and "Computerized Running Training Tables" was published. The many pages of numbers give the book an ominous appearance at first glance, but it is actually very simple to use. There are five basic tables in the book, with a certain amount of inter-relationship. The main table is the performance level chart. From this, a 50.9 quarter-miler will discover that he is an 800 point level performer. (Also rated at 800 points are a 1:58.1 880 and a 4:24.1 mile). The point levels range from 0 to 1100.

By knowing his point level, an athlete is able to choose from several kinds of workouts. If a 500 pointer chooses to run 220 intervals, he may run at varying increments from 60% to 95%. If he decides to run at 60%, the table tells him to run 36 to 40 reps in 35.8 with 30 to 60 seconds rest. If he runs at 90%, he should run 2 to 3 reps in 23.8 with 4 to 5 minutes rest. Purdy here adds a word of caution. Just because one is at a certain point level for one event, he will not necessarily be at that same point level for all events. "For example," he says, "a miler could not do low-repetition high-speed 110s as his point level. He might have to drop off several hundred points for this kind of work. Similarly, a sprinter could not do high repetition work at 1320s. Just because you are in 800 point level athlete, you do not always use the 800-point level pacing tables."

There are three other tables: 1) constant speed tables, which enable a runner to select a desired pace for one distance, then maintain that pace at other distances; 2) reduced speed tables, which give mile times as a percentage of speed for a given mile; and 3) per-mile average tables for long distance running, which show the speed per mile required for a runner to take long runs, based on his performance level. Additionally, there is a brief text in both German and French and condensed sets of tables for running metric distances.

So far, there is a good correlation between workout results and actual performances. The book itself contains many concrete examples, the best being with Jim Ryun. Application of figures in the book to an early May 1966 workout of Ryun place him at approximately the 1020 point level. In the next month, Ryun ran 1:44.9, 3:53.7 and 8:25.2, each worth about 1010 points. One can generally tell from the point level of his workouts what he might do in a race," says Purdy. "It is possible to get psyched-up and run 50 points better in one race, but it's not necessarily true that you could train at that higher level. There is also the day-to-day variance in human beings to be considered." While the Ryun example gives some evidence of the accuracy of the top system at the top end, Purdy knows others working as low as the 230 point level who have reported no trouble with the system.

While "a good college coach can usually pull the facts off the top of his hat just from experience, there is the high school coach who has to deal with large groups of runners with greatly varying abilities. It is this type of person who can reap the greatest benefits from the book". Purdy expresses great pleasure at the fact that since the book's publication, nobody has criticized it as being a bad idea. "Of course," he says, "it's different than any other book that has ever been written for track and field. It isn't really a coaching book, neither is it a commentary. It's an information book. Scientific fields have many reference materials, and what I'm trying to do is bring some science into track. That's my real contribution to the sport--simply trying to upgrade the scientific level of the body called track and field."

This helps to define Purdy's place in the overall scheme of things. As he says, "When you talk about a person like me in the track work, there are two types of people which are typically thought of, which I am not. I'm not a track nut. I'm not interested in all those tiny little bits of statistics. I have files of world lists which I need to accomplish my basic research task--but that's all. Also, I am not a prophet of world records. I feel it is very improper to take scoring tables as justification for saying, 'This world record will occur at this time'. What you can say is 'When records reach a certain level, related things will be approximately the same'. For example, when the mile record is 3:45, the two-mile record will be about 8:05."

Scoring tables are now one of Purdy's pet projects, and will play a major role in his doctoral thesis. As do many other people, Purdy feels that current IAAF and Portuguese Scoring Tables (generally used in calculating decathlon and pentathlon scores) are inadequate, and is working with other experts to improve them. Currently, he is formulating a firm set of laws which all scoring tables should follow. He has a list of 10 rules and is trying to implement them by generating an appropriate set of equations.

Of prime importance is (Cordner) Nelson's Law, which states: "Any unit measure improvement should gain more points at a higher level than at

a lower one." This means that an improvement in the javelin from 240- to 250-feet should net the athlete more points gained than an improvement from 140- to 150-feet. This is not true with current scoring tables. In the field events, the points gained decrease with the level of the performance, while the opposite happens with track marks. Purdy explains, "Percentage change behaves differently in the field and on the track. When you get a better mark in a field event, the number gets bigger, but when you improve on the track, it becomes smaller." Purdy proposes that this disparity be remedied by the application of "decreasing percentage change. Percentage-wise, one should have to improve less at a higher level than at a lower one. This is what I did with the scoring tables I developed for the Nutrament Pentathlon Tables and I feel that they are superior to any other tables in existence. This only models what happens physiologically--great improvements always occur at the beginning because the biological system is poorly trained. As it becomes more perfectly trained, you can't train it anymore". Eyeing the future, Purdy has applied to the IAAF technical committee to have his work considered when the IAAF tables are revised. "However," says Purdy, "if the rules change, you must generate a new set of statistics. The best scoring table is one which is rewritten every year, but this is very difficult to do. The main consideration is that events have an equivalency. There should be even performance in all events, and scoring tables must represent this philosophy."

## Purdy Seeks Advice for New Decathlon Tables

Creation of a new and improved decathlon scoring table is one of the projects J. Gerry Purdy is tackling most enthusiastically. He has made a study of the four sets of tables adopted by the IAAF (in 1912, 1934, 1952 and 1962) as well as the so-called Portuguese tables of Fernando Amado.

All of the tables are incorrect, Purdy believes. A basic fault is that in the field events one receives fewer points for a unit improvement at a high level of performance than for the same measure of improvement at a lower level, while in the running events the opposite is true. This system is correct from a physical and mathematical point of view, says Purdy, but the table creators have neglected to realize that the performances are made by humans.

Purdy's tables are based on a model of physiological effort of a track performance and also are scientifically and mathematically based. The computer is employed to automatically generate the tables with more accuracy and in less time--an entire scoring table for over 30,000 performances can be computed in a few minutes.

The new tables, which form the basis of Purdy's Ph.D. thesis at Stanford, should be near completion around the first of the year. They will be available for examination and those who are knowledgeable in this area and interested in examining the tables, or in contributing to Purdy's study, should contact Track & Field News, stating their qualifications.

The progression of events which led Purdy into all this work is an interesting one. A trackman from way back, he was Georgia's prep javelin champ in 1961 and received a track scholarship to Tennessee. While there, he became the school's top thrower, with a PR of 216'3". From Tennessee, he went to UCLA to obtain his masters in computer science. While working in southern California with TRW Inc., he became associated with Gardner, a systems engineer for the same firm. The two started as jogging partners and began to develop their ideas. Purdy was later granted a fellowship to study for his doctorate and is currently at Stanford finishing his thesis.

"Before you can begin your thesis," explains Purdy, "you must do a programming project. What I did was the tables. Then we did the book from the tables. Then I decided I wanted to do my thesis in this area. It all started out just as support work, and now it has grown into what my life is based on. I never gave track anything performance-wise, so I'm at least going to give track a good scoring table."

There are other things Purdy would like to see pursued. He asks, "Who really knows what the optimal training methods are? Nobody knows yet. Nobody really knows if there even is an optimal way. There is a great need to have a long-term study done on a large number of athletes in a controlled environment. Somebody like Nutrament should push for a study on nutrition. Funding for track and field projects can be provided by the AAU and USOC. All the foundations should be hit for funds. The National Institute of Health has funds available for computer-oriented projects."

Purdy also feels strongly about the use of the metric system. He advocates, "Track & Field News should more actively support the metric system. You should tell the NCAA and AAU to run nothing but metrics." Timing is another of his popular subjects. "Timing to 100ths will greatly increase the interest in the shorter events. The 100-yard dash has lost its glamor. You can no longer discriminate between sprinters. More accurate timing would give the gradation necessary to separate one runner from the other and give more chances for improvement."

A true scientist, Purdy waxes strong on the subject of computers. "One of my motivating goals to remain in computer science is trying to demonstrate the positive applications of computers. I have to explain that computers are not people. They only simulate the way people do things. A computer is only as good as his programmer. I can demonstrate with my work that computers can be used beneficially." □

# To Come To The Aid Of The Sport

## On Your Marks

by  
Dick Drake

This year's Pre-Olympic meeting, not an official competition of the Munich Organizing Committee nor to be staged in the Olympic stadium, is primarily being conducted to test technical and electrical equipment expected to be employed during the actual Games. The US may be officially represented by a military team which also takes in the CISM championships. Other athletes will be invited by the meet management. . . AAU president Jack Kelly is advocating an "open" Olympic Games matching the world's premier athletes, pro and amateur. "When the eight 100-meter sprinters line up for the Olympic finals, there's no reason it shouldn't be the fastest eight humans regardless of their daily jobs. At least an athlete who is a professional in one sport should still be able to compete as an amateur in another. . . 1920 Olympic high jump winner Richmond Landon, 72, died recently. . . Wichita State would like to stage the USTFF outdoor championships again next year, after two "successful years". Several athletes have reported to T&FN about the outstanding organization and hospitality of the competition. . . A new athletic conference, the Gulf South Conference, including eight colleges in Louisiana, Mississippi, Tennessee and Alabama, was formed in a union of the Mid-South Conference and two schools of the defunct Gulf States Conference. . . Dicky Broberg, South Africa's star 800-meter runner who has the best time in the world this year, has temporarily retired from the sport because of personal reasons, injuries and studies. It is not certain when, if at all, Broberg will resume training. He will not be available for his country's first multi-racial track meet, scheduled for Nov. 27 in Cape Town. . . John Carlos, cut by the Philadelphia Eagles pro football team, may be eligible to try out for a Canadian team as a Canadian since changes in playing rules describe Canadian players as athletes from any country who never played scholastic football in the United States. Whether the 6'2", 210-lb. former sprint great can play football is another question. He was injured last year and never tested. . . The Canadian government, in an effort to slow down the "brawn drain" to United States colleges in hockey, swimming, and track and field, will give 600 "educational grants" to athletes this year from a few hundred dollars to \$2000 each.

Roughly a quarter of mankind will not be represented at the 1972 Olympics for political reasons, including China, Indonesia, South Africa, North Vietnam among others. In fact, imagine international meetings among the following: Israel vs any Arab country, North vs South Korea, Rhodesia or South Africa vs other African countries, Rhodesia vs any Commonwealth country, Portugal vs any Eastern Bloc country, an Eastern Bloc country vs South Vietnam, Cambodia or South Korea, China vs Taiwan, the Eastern Bloc vs Israel, Pakistan vs India, Turkey vs Greece, Cyprus vs Turkey or Greece, Algeria vs Brazil, Jordan vs Syria, East vs West Germany and USSR vs China. . . In an unusual gesture for most athletes, Dr. Delano Meriwether, AAU 100-yard dash champ after one year of running at the age of 27, sent a personal letter to a series of people representing organizations and track meets expressing his appreciation for helping and influencing his running improvement and pleasure during the past year. . . Miller Jim Ryun, a recent mover from pollen-laden Eugene, Ore. to ocean-bordering Santa Barbara, Calif. where Bill Toomey assisted him in securing a job, has confirmed his intention of pursuing a berth on the US Olympic team, presumably at 1500-meters. . . The NCAA turned down a proposal to limit the use of foreign athletes on US college teams. . . The NCAA has reaffirmed the one-year suspensions of Cal sprinter Isaac Curtis and UCLA's James McAlister. However, Cal is apparently electing to follow an option to utilize Curtis which will mean the school will be put on probation for as long as he plays plus an extra year--barring the institution from any championship events. Curtis had not taken the test to prove his 1.6 potential (he is a 2.9 Cal student) and McAlister took the test on the wrong day.

Meet director of this year's Coca Cola Invitational, sponsored by Britain's athlete's union (International Athletes Club), is 1968 Olympic 400 hurdles champ Dave Hemery, who has passed up competition this year. Headlining the Coca Cola meetings is a 5000-meter dual between Dave Bedford and Kip Keino with invitations extended to Ian Stewart, Ian McCafferty, Lachie Stewart and Jerome Drayton. . . Athletes from Harvard and Yale did not compete at the NCAA outdoor championships, having journeyed to the British Isles where the united squad met university teams in Great Britain and Eire. . . Jose Beracase of Venezuela was elected the new president of the Pan-American Sports Organization, in a ballot victory for the smaller nations--17 votes against 12 for Silvio de Magalhaes Padilha of Brazil. . . Arnd Kruger, a 1:48.9 half-miler from Germany while at UCLA, is now managing editor of a new coaching bimonthly of all sports, Leistungsport, in his native West Germany. . . The ATFS lists Cal intermediate hurdler Roddy Lee of Taiwan as Roderick L. Chung-Ping. . . The first Western Hemisphere commission competition will be a cross country championships at Van Cortlandt Park, Dec. 4, 1971. The committee consists of president Dan Ferris and secretary-treasurer Ollan Cassell with the members consisting of Richard Ashenheim of Jamaica, Ricardo Perez of Cuba, Admiral Pedro J. Galvez of Peru, Joao da Costa of Brazil and Lloyd Swindells of Canada. . . Colgate flopper Chris Dunn has improved 7" in the past two seasons to become a 7'0" leaper. . . The first deaf athlete to ever qualify for the AAU Junior Olympics was Gary Washington of the Colorado Springs Deaf & Blind School. He has sprinted 9.7 by watching the starter's finger. . . Phil Hampton of Great Britain set a new world best for 50 miles of 5:01:01, breaking Alan Phillips' previous low of 5:12:39.8 in 1966.

"I am not going to compete in the Games," Al Oerter has told Tony Kornheiser in a copyrighted article for Newsday when asked about the 1972 Olympics. "My family is too important. My daughters are at an age (12 and 9) where they need me around. To compete effectively in the Games requires a full effort. Total dedication. I'll still compete in the small town, folksy meets. But not the Games. I just can't devote the time to adequately prepare for them. I couldn't allow anything to get in my way. Say I wanted to take my family to the beach and it was within a year of the Games. Not a week, not a day. A year. I'd have to think about spending less time there. About what the sand and surf were doing to my body. The drain on me and

Juris Luzins (r) ripped to the season's quickest 800-meters by an American, and a new personal best, with this 1:45.2 triumph at Oslo from Mark Winzenried (l), 1:46.6, and Tom Von Ruden (r), 1:46.8. /Knut Holm/



the strain on my training." So, apparently, Oerter has ended an era--with four gold Olympic discus medals--before reaching his announced goal of five victories. But he goes out a sure winner. . . While we decline to publish many derogatory letters, T&FN still receives at least one bigoted letter a month from supposed track and field enthusiasts. . . TN Larry Bortstein is writing a book to be entitled, "The Fast Ones: The History of Speed in Sports" built on the premise that speed is the essence of all sport--whether running, hand, eye, horse or machine speed. He is seeking stories, anecdotes or facts on speed feats in track and field beyond the obvious as well as in other sports, such as the fastest field event men on their runways, weightmen getting off their throws, sprinters who manifested greater speed at one portion of a race, etc. All contributions used will be acknowledged in the book. Send your ideas to Larry at Fordham Terrace, 2400 Webb Ave., Bronx, N. Y. 10468. . . Events for the Fairfield Relays in Eugene for 6 to 15 year olds included the long jump, 440 relay, marathon and frisbee throw.

While the United States may not presently have the top dogs in the vault, the future may not be as bleak as some imagine. Of the 26 vaulters in the world who have cleared 17-feet this year, 13 are Americans. And that's the greatest total ever, the previous high of 10 coming in 1968 as only five US polemen made it in 1967-69-70. As well, seven of this 13 reached the height for the first time this season. Of 26 US vaulters at 16'7" or higher, 20 picked up PRs this year. . . 1964's surprise 10,000-meter winner, Billy Mills, continues his comeback assault and was down to a reported 158-lbs. at the beginning of August--only 6-lbs. shy of his announced goal. He'll be 34 by mid-year next season. . . Harry Jerome and Bill Crothers were among 14 athletes inducted into the Canadian Hall of Fame. . . Former Canadian distance runner Bruce Kidd is actively campaigning these days for political office, as a candidate of the New Democratic party. Canvassing neighborhoods by the door to door approach, he reports his competitive drive is as high as during his running days. . . Adding the decathlon to the NCAA meet has had a tremendous impact since its inclusion in 1970. There were 34 US decathletes with scores over 6000 points in 1967, 44 in 1968 and 42 in 1969 compared to 94 in 1970 and well over 100 this year, with 70 over 6400. The 50th deep level stood at 6490 in 1970 and rose to 6653 in 71. But the decathlon is soaring everywhere. Presently, it is projected that it will take 7500 points to make the top 100 in the world and that some 350 athletes will score 7000 this year alone. . . It has been announced that mainland China will meet Albania as a national team next year, but this cannot be, according to the IAAF, as Albania is a member, China is not. . . Former putter Ken Patena (64'7") won the Pan-Am weightlifting title in the super-heavyweight division. . . With 324 active members, the San Diego Track Club may be the largest unit of the sport in the US today. New members are currently being accepted at the rate of about 25 per month.

T&FN fared reasonably well in its March prediction of the NCAA team and individual placings. In March, we had UCLA ahead of El Paso, 48 to 47, followed by BYU 36, Oregon 34, Southern Cal 31, Wisconsin 30 with Cal and Kansas at 29. After the results were in, it was UCLA 52, Southern Cal 41, Oregon 38, BYU 35, Kansas 27, El Paso 26 and Cal 22. We had 48% of the individual placers named. . . Four of the biggest collegiate track conferences have had switches in their head man. Wiles Hallock went from the Western Athletic Conference to the Pac-8, Wayne Duke from the Big 8 to the Big 10 and Stan Bates from athletic director at Washington State to the WAC. The new man for the Big 8 had not been selected as of our deadline. . . Sprinter Lennox Miller seems to have a special affinity for second place finishes in important competitions. Over 100-yards/100-meters, he has been second in the 1967 NCAA, 1968 Olympics, 1969 NCAA, 1970 Commonwealth and 1971 Pan-Ams. . . A couple of tidbits gleaned from this year's AAU entry blanks. Jerome Liebenberg lists his occupation as "retired" while Gerry Lindgren penned in his wife Betty as his coach and "boss". . . Five athletes belong to the Centurion Club of America--limited to those who since 1878 have walked 100 miles within 24 hours. Latest member is John Argo. This year's championship race will be staged Sept. 18 in Columbia, Mo. . . The 1973 European Cup challenge series dates have been established. The quarter-finals will be staged June 30-July 1, the semis Aug. 4-5 and the finals Sept. 7-8-9. The European Indoor Championship meet will be contested at Rotterdam, Mar. 10-11. There is renewed hope of an indoor encounter between Europe and the US in March of next year. □

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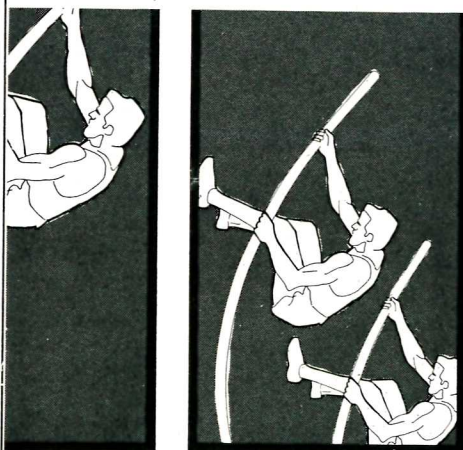
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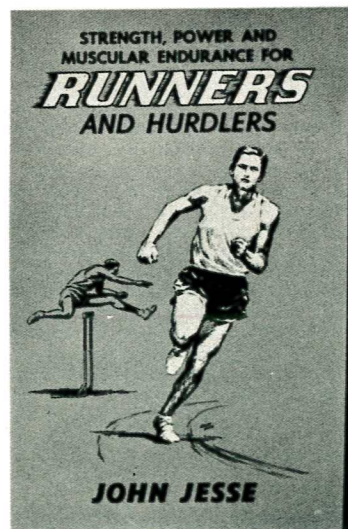
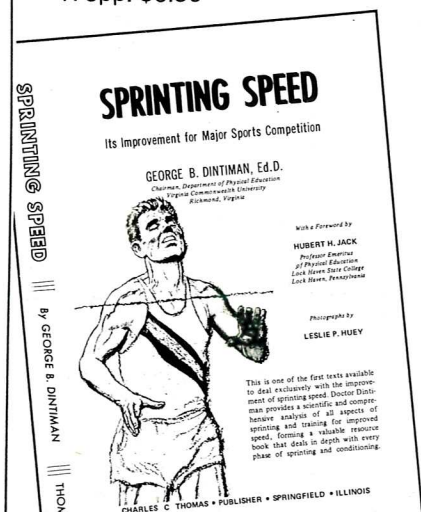
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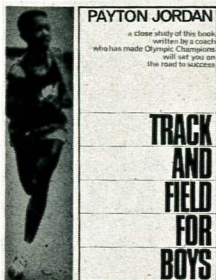
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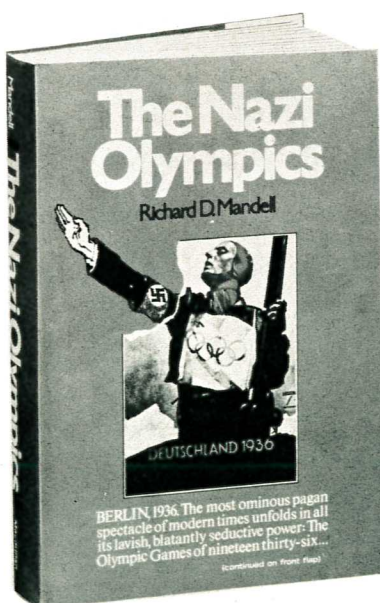


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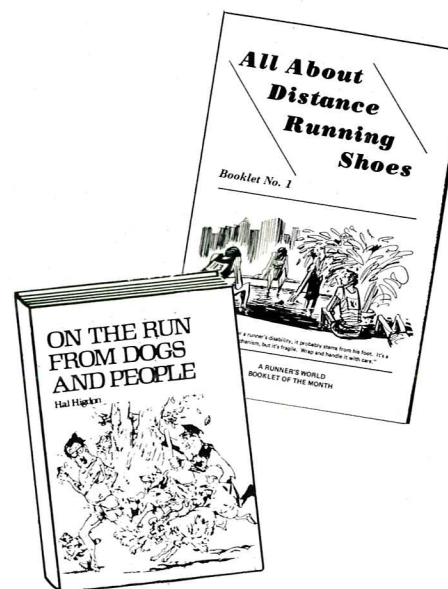
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Alan Cranston, the running Senator whose devotion to track will be chronicled in a forthcoming issue, is no newcomer to the sport and our paths have crossed a number of times.

Our first contact was in 1963 when Cranston volunteered to sponsor one of the events in San Francisco's reinauguration of indoor track, the Golden Gate Invitational, which I helped start. He paid \$100 for the privilege and repeated the next year.

We first met at a press barbecue preceding the California Relays. Alan, the Controller for the state of California, and even then obviously a politician with a future, impressed me with his interest in track. He wasn't there for political purposes, but because he liked track and to mingle with others who liked it and to talk with them about it.

A few years later I was leaving the Los Angeles Coliseum after a big international meet, as usual getting out the gate about the time the plant was closed down, when I ran across Cranston. He, too, had a hard time tearing himself away, and after we discussed the meet a bit he enthused about his participation in the decathlon. He had never competed in it, he said, but liked to work out on most of the events for fun and fitness. "I'm afraid to vault", he admitted, "and don't run the highs or the 1500, but enjoy everything else."

I said "hello" last winter after he had run in the Sunkist Invitational indoor in Los Angeles and showed him a copy of Age Records. Sitting on the edge of the board-track, surrounded by all the noise and excitement of an indoor meet before a large crowd, the Senator quickly became lost in the pages of statistics. "Hey, you've got me in there," he said, pointing to his age-55 record of 12.6 for 100-yards. After perusing the book further, he said, "this is great", and ordered 30 copies. "You will find a lot of interest in it", he predicted, quite correctly as it turned out.

Even though I knew Cranston was returning to Washington almost immediately I saw no harm in asking, "I don't suppose you would like to run in San Francisco next Friday?" Told there was no over-50 race on the schedule but that we would gladly add one, he let go that big, friendly grin of his and said, "I'll be happy to. I can fly out that day."

And so he did. The response he got from the crowd was enthusiastic (and would have been more so had many noticed that when he pulled down his sweat pants his running shorts came with them). After the race he watched the competition and, like all trackmen everywhere, wanted to talk about his performance. He analyzed his start ("poor"), the mid-part of the race ("I've got to work on my lean"), and his third place finish ("I really thought I'd do better"). Then, spotting coach Pete Petersons, he sought help on his start, his lean, and a training program for limited time and facilities.

Enthused, he wanted to know the rest of the indoor schedule and said he would call me at the office Monday for the details. "Ha", I thought, "he'll be too busy", although he might have a secretary handle it. But he called personally, the information was passed, and the Senator was on his way to more races. Twice more during the season calls came from Washington, asking who to contact for entry into meets or if I could influence a meet director to add a seniors sprint.

Last May, while in Washington to nail down our Olympic Tour tickets and housing, I called Cranston and asked if he could spare a little time to talk about his running. "Come on over," he invited. Learning the nature of my business in Washington, Alan rather sadly noted he envied my trip to the Olympics but he couldn't make it as next year was presidential election year. "Are you running for President, too", I inquired, more or less wittily. "No, not that", he replied. "But I will be campaigning. I sure hope I have time to get in some races."

#### A TRIO OF DECATHLETES

Another politician who retains an interest in track is Bob Mathias. As a Congressman he hasn't climbed as far up the ladder as Cranston, but then Cranston doesn't have the two Olympic titles and world record plaques that Mathias has. And Bob isn't actively competing although he is giving it some thought. Taking in the national AAU decathlon for the second time in three years, Mathias said, "I'm old enough now for the masters competition and it's intriguing. But I can't find the time to get into that kind of shape. I might give the discus a try sometime, though." The years have been kind to Mathias since he won the 1948 Olympics as a 17-year-old. He looks younger than most 40-year-olds, is as strongly athletic and handsome as ever. He is blessed with a fine family, has a solid political future, and owns a thriving summer camp on which he can fall back if the voters become disenchanted with him, or vice versa. And through it all he remains gracious and humble and unassuming. His interest in the decathlon was high, and he was amazed by both the 6'9" Rick Wanamaker and the 5'8" 155-lb. Jeff Bennett. "One thing is for sure," he noted. "There is a lot more interest in the decathlon now. Bill Toomey competed in 10 decathlons in one year. That's as many as I did in my whole life. And now they really work to perfect each event."

Two high-scoring decathletes are campaigning to improve their unique event. Mr. 8026 (that's how many points he scored) makes every effort to persuade meet directors to schedule either a decathlon or a pentathlon. "I try first for the decathlon. If they say no, then I work for the pentathlon. How else can we get any useful competition? Perhaps we're good enough to enter one or two events, but it would always be the same ones." I think John Warkentin has something there. And I would like to suggest the pentathlon can be either the traditional five-eventer (long jump, javelin, 200, discus, 1500) or the first or second day of the decathlon.

Mr. 8417 (he shouldn't be hard to recognize) feels the AAU should establish a separate decathlon committee. Just as there are committees for walking and long distance running, in addition to the regular track and field group, so should there be one for the decathlon. "It's a different event," says Bill Toomey, "and needs the attention of people specially interested in it and in promoting it." Another good idea. □

## T & F Varieties

### CBS-TV Ratings Clarified by Rep

"Be assured that AAU International Track & Field Champions will be back next season bigger and better than ever," says Marv Sugarman, producer of the three-year-old CBS television series.

Commenting on a II July T&FN report that ratings were down for the first seven meets of the year, Sugarman said: "Partial reporting and even total reporting of bare-bone TV rating services sometimes require a more complete explanation. Length of station line-up, competitive programming, national weather, are only several of the factors television analysts must consider, and to complete your recent story there are some factors to consider:

"On June 13 and July 25, the series was opposite the Kemper Golf Open and the Westchester Golf Classic televised by a created network of stations which reduced the CBS line-up. On June 20, the series with a full line-up opposed the traditional US Golf Open. There have been 14 ratings to date. With the exclusion of the three dates mentioned, the accumulative rating (5.0) and share (21) are comparable to last year. In fact, the vital share is two points better than 1970.

"In 1970 we had two shows of 1½ hours duration, whereas this year 15 of the shows were 1½ hours, and of these 13 were track. This, of course, has allowed us more time to present track and obviously has allowed CBS more opportunities to successfully sell their series."

Last year approximately 96.5% of the commercial positions were sold out and this year with the increased time schedule, CBS is expecting a net figure better than last year.

"We are still trying to improve our work; by now I suspect we may have televised more track than anyone and I assure you we are still learning and trying... Our thanks again to our many friends for their letters of support."

In reporting the comparative drop in ratings, T&FN urged readers to submit constructive ideas to CBS and Sugarman. Figures for the first seven meets were reported and the last four meets of the season follow:

	Share	Rating	Homes
US-Africa	21.0	4.9	2,940,000
International, Italy	13.0	3.7	2,220,000
International, Denmark	20.0	5.4	3,250,000
International, Sweden	18.0	4.4	2,640,000
11 Meet Average	17.45	4.3	2,600,000
14 Telecast Average*	19.0	4.5	2,700,000

(\* includes diving, gymnastics and boxing championships)

### NCAA Moves 72 Outdoor Title Meet to June 1-3

It's official. The NCAA has elected to move its outdoor championship meet two weeks earlier in 1972, when it stages the competition at Eugene, Ore. on June 1-2-3. What will happen to other regularly scheduled competitions on that weekend as well as later, such as the AAU championships.

Prior to making its decision about moving the meet earlier, the executive committee had authorized a survey of calendars of member institutions, and received an 81% response for 1971. These figures include both college and university division schools.

The following percentages of schools had concluded their final exam period by the following dates in 1971: May 1, 1.4%; May 8, 4.8%; May 15, 15.7%; May 22, 31.2%; May 29, 60.8%; June 5, 81.8%; June 12, 97.9%; June 19, 99.8%. The greatest number of schools, 29.6%, had their final exams during the week of May 23-29.

If the meet had been moved to the second weekend in June, 18.2% of the schools would not have finished exams by the previous week, although 16.1% would finish some time during the week. If the meet went to the first weekend in June, 39.2% would not have finished the week before, with 21.3% finishing during the week, leaving 18.2% with an examination week after the meet.

A shift to an earlier date would be appreciated most by Southwest Conference members (Rice, Texas, Baylor, etc), as this year's conference meet was held the last weekend in April, giving athletes from those schools a six-week break until the nationals. On the other hand, the IC4A and Big 10 meets this year were the last weekend in May, so these athletes only had a two-week break before the NCAA.

### Lee Evans Reviews 71, Looks Forward to Munich

Lee Evans hasn't given up, and in fact claims he'll be ready and eager for the 1972 season. Excerpts from a letter:

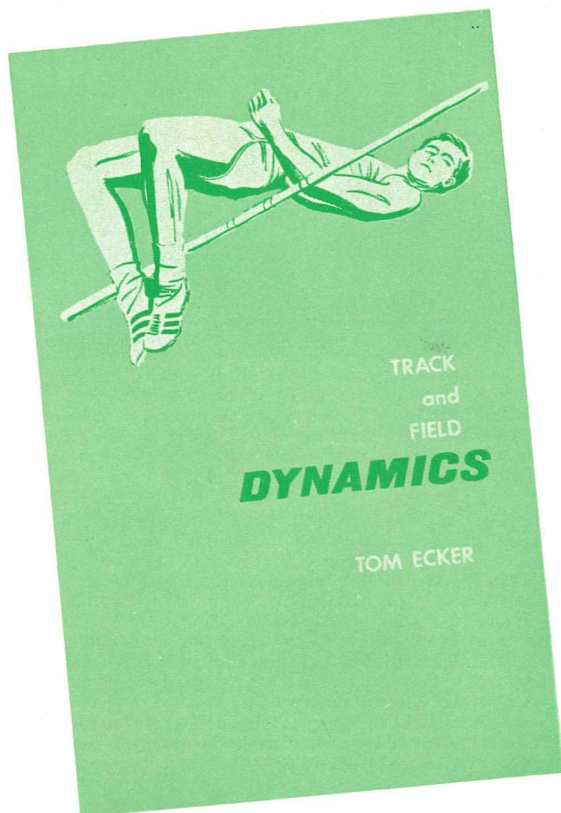
Yes, I'm going to run next year. I'm really looking forward to it. Running against John (Smith) "not hurt" next year should be a lot of fun. I really think he should be track and field athlete of the year. Never has anyone run so many quality times in a non-Olympic year.

I hurt my leg pretty bad at the AAU championships. It's 1½" shorter than my left leg. In Eugene, I couldn't believe that I had pulled it. I had really worked hard since the California Relays and was in good condition. Stan Dowell, my high school coach and my coach whenever I'm not coaching myself, came up to me after the Modesto race--that embarrassing third place--and said he'd have me ready for the nationals if I wanted to work. I said okay, and he ran me into shape.

Between the Portland meet and the nationals, I ran my best workouts since the Olympic training at Tahoe. At Eugene, my stomach was in knots during the 440. I really got sick. But I know why I kept getting hurt this

# Two essential books for your track and field library

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John Pagliano, Senior T.C. Newsletter

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Bob Myers, Coach, El Camino College



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year. I didn't run a fall program, and as a result wasn't as strong as I should have been.

I'm glad 1971 is over for me, because I run better in even years. At least 68 and 72. I have heard from Ron Freeman and Vince Matthews, and they both teased me about losing to Smith and told me they will be out for "gold" next year. Freeman is coming out to train with me.

## Seconds & Inches

### 1971 AAU Steeple Yielded Super Deep Results

The two sections of the steeplechase at the 1971 AAU in Eugene produced some fantastic results. Sid Sink established a new American record, with Mike Manley and Steve Savage moving into the number two and three slots on the all-time US list, but the placers behind the top trio did some impressive running also.

The following is a composite list of the top 20 finishers from the two sections. Of these 20 runners, 15 recorded seasonal bests and one equaled his seasonal best. The average improvement here was 3.99 seconds. These 20 runners also recorded 13 PRs, with an average improvement of 3.20 seconds. \* = PR; \*\* = seasonal best.

composite placings	AAU	seasonal/PR	difference
1. Sid Sink (B Green St)	8:26.4*	8:31.0/8:31.0	- 4.6/- 4.6
2. Mike Manley (Ore TC)	8:27.6*	8:37.6/8:35.2	-10.0/- 7.6
3. Steve Savage (Ore)	8:29.6*	8:34.0/8:34.0	- 4.4/- 4.4
4. Bob Price (AIA)	8:33.8*	8:43.8/8:35.4	-10.0/- 2.6
5. Jeromee Liebenberg (W Mich)	8:37.0	8:32.2/8:32.2	+ 4.8/+ 4.8
6. Antonio Villanueva (Mexico)	8:37.8*	8:52.0/8:52.0	-14.2/-14.2
7. Conrad Nightingale (MATC)	8:39.4**	8:40.8/8:38.4	- 1.4/+ 1.0
8. Cliff Clark (USAF)	8:40.2*	8:41.0/8:41.0	- 0.8/- 0.8
9. Joe Lucas (Georgetown)	8:42.0*	8:51.4/8:51.4	- 9.4/- 9.4
10. Extol Villanueva (Mexico)	8:46.4*	8:50.0/8:50.0	- 3.6/- 3.6
11. Mike Schurko (Pitt)	8:47.4*	8:48.2/8:48.2	- 0.8/- 0.8
12. Ed Haver (UC Davis)	8:48.4*	8:51.2/8:51.2	- 3.8/- 3.8
13. Bill Norris (Ore TC)	8:48.8**	8:48.8/8:44.6	0.0/+ 4.2
14. Don Timm (Minn)	8:49.0	8:39.0/8:39.0	+10.0/+10.0
15. George Cook (Mont)	8:50.8*	9:00.4/9:00.4	- 9.6/- 9.6
16. Ron Pettigrew (Strid)	8:51.4	8:50.8/8:48.4	+ 0.6/+ 3.0
17. Bob Richards (USAF)	8:51.6**	8:54.4/8:41.6	- 2.8/+10.0
18. Denis Fikes (Phil PC)	8:51.8*	9:04.2/9:04.2	-12.4/-12.4
19. Jim Gorman (Ore TC)	8:55.2	8:54.2/8:51.2	+ 1.0/+ 4.0
20. Leonard Hill (Ore St)	8:55.2*	9:03.8/9:03.8	- 8.4/- 8.4

## Training, Theory, Technique

### Science an Aid to Distinguishing Attributes

It's a mistake to make differences in individual track and field athletes or their performances appear to be a simple matter of a few tests in a laboratory, warns Jack Daniels, who is continuing his scientific research and study of track and field athletes which received its greatest attention during preparations for the high altitude competition at the 1968 Olympics in Mexico. He is of course extremely interested in developing his research into the scientific side of the sport, and is anxious to aid in its constructive applica-



In near-perfect convex symmetry, this sprint field dashes headlong into the tape at the end of the 1971 Kansas Relays 100-yard sprint. Missouri's Mel Gray (4th from right) emerged from this tight finish with a 9.5 victory over the two runners to his right, Colorado's George Daniels and Kansas State's Dean Williams, both 9.5. Others (l-r): Ronnie Allen, Dennis Schultz, Everett Marshall (4th, 9.6), Dick Garrett and Coleman Thomas (5th, 9.6). /Jeff Jacobsen, Topeka Capital-Journal/

tion to track and field progress in the US. He is presently working on two articles which deal with the data collected in 1968 for scientific journals, which he expects to condense into layman's terms for T&FN at a later date.

Daniels does relate a few interesting observations, which bear passing along at this occasion. His comments:

Trying to identify the factor which separates the great from the also-ran is dreaming, there isn't a single factor which spells the difference. However, it is pretty well established that certain attributes are necessary, without which success will not be realized. Naturally, each contributing factor (maximum oxygen consumption for example) is a function of numerous variables. Mention has been made of Steve Prefontaine's great "cardiovascular system". This is one factor which contributes to an ability to consume large amounts of oxygen. A great cardiovascular system merely means the individual has a good oxygen transport system. Transporting the oxygen is part of the problem, utilizing it is another; being properly motivated to use what you have is yet another factor. There is no doubt of course that Prefontaine has more than just a great oxygen transport system. I'm just as sure that Frank--super ectomorph--Shorter has a great ability to consume oxygen. And believe me, that "little runt (Gerry Lindgren) who can run" has one of the best around. I'd call Gerry an economy frame with a supercharged engine; he just has to try to keep from tearing up his transmission.

Of all the factors which contribute to successful endurance running,

the soon-to-be-great in all events must have the assurance that they don't have to be one of two that qualify for the US national team or the touring television team to get to Europe.

The team that went to Europe this summer for the televised meets contained three 400 hurdlers but not a single distance runner. I do not deny Willie Davenport the right to go over to Europe late as he has the past three years for the televised meets but why not send a top young hurdler with him so Willie can work with him daily and the youngster can have the unequalled experience of racing often against the Olympic Champion? Likewise, we should have a full junior team go to Europe. A European "junior" is under the age of 20. Nations like France and West Germany push their junior team hard, and Great Britain, USSR, East Germany, Poland, etc., see to it that their teams have nation-against-nation matches as well. Why not the US? Send our team over, let it compete often and have one or two scheduled matches as the highlight of the tour. This, to me, would be a much better use of the USOC money.

I feel we have become much too provincial. There is no question the rest of the world is catching up quickly. What we are doing here does not relate to the rest of the world. Typical was a statement by my good friend Stan Wright. He pointed to the AAU championships and the tremendously high caliber of sprinting over 100-yards. The many 9.1s (not to mention the 9.0) seemed very important to Stan. Frankly, I prefer to place more importance on the following week. The fast wind-aided times on a hyper-fast track were not nearly as important to me as was the fact that all of these top men were handled easily by Valeriy Borzov of the USSR. Unfortunately, we have left the development of our athletes to merely compete among themselves at home. The world list tells much better than I that our entire approach needs immediate overhaul as our dominance is quickly fading. Who will be capable of beating the best in the world after Randy Matson and Jay Silvester retire? Our pole vault stranglehold is gone and now the shot put and discus seem next to follow. The lure of top talent into football and basketball with a future of big money is already showing in our high school results. If we do not do everything in our power to see to it that the young talent that we do have is given every opportunity in Europe each summer, then the United States' leading position in world track & field, just as did the once expansive British Empire, will become only a memory. □

**I Think**

Opinions expressed are not necessarily those of T&FN

## USOC Training Camps Misguided

by Dick Bank

In my opinion, the approach toward track and field in the United States is not aimed at the international level nor is it aimed at developing men in specialist events with the decathlon requiring an approach all of its own. All the money spent by the USOC for these summer training camps is misdirected. It is much better to send these men to Europe and let them compete. That is what is needed. I honestly don't see where technique lectures, film, etc., and the many idle hours in these camps can take the place of actually competing against the best. Arnie Robinson, at Berkeley, said he learned a great deal by observing Igor Ter-Ovanesyan in the competition. Multiply this by four weeks of frequent (not once every seven days) competition in Europe, and this is precisely my point.

Also, use that money to send our hopes for the future to Europe. People like Marshall Dill, Tony Krzyzosiak, Mark Feig, Dave Merrick, Randy Lightfoot, Charlie Jackson, Dwight Stones, Randy Williams, Greg Cortina, Russ Francis should be over there. They'll have to take up in 1973 when lots of top men retire. The group would include college freshmen, too. If Dave Roberts preferred lots of competition in four weeks time instead of just three meets (as is the case this summer), he would have it. As it is, our best hope for Munich will have his first European meet in the Olympics.

As it is set up, our system is misguided. I do not question the right of Steve Prefontaine and Steve Stageberg, or Frank Shorter and Garry Bjorklund, to run against the USSR, Africa and in the Pan-American Games. They earned it. But what happens to the rest of the distance runners? Prefontaine got a great break going to Europe as a high school boy and it surely played a part in his development. We will not develop any depth in the distance races (and steeplechase) until we establish a continuing program that gets our budding talent to Europe. It must be an annual project. Top high schoolers and



the following few probably take in most of the variables: (1) a great aerobic capacity--maximum oxygen consumption; (2) an ability to work close to the aerobic capacity for an extended period of time--sometimes referred to as endurance; this includes other variables such as anaerobic power and motivation; and (3) good running efficiency. Naturally, some speed is necessary for you can't run a 4:00 mile if you can't break 60 for a 440. Actually speed probably plays a part in efficiency and the ability to utilize maximum power.

Steve Stageberg has a great ability to consume oxygen and tested out tops among my 1968 subjects (several others were so close that you couldn't really say there is a definite order). Unfortunately for Steve, he lost more of his aerobic power when he went to altitude than did the average middle distance runner. This coupled with his usual motivation led to greater than usual early demands of his anaerobic mechanisms which would lead to more discomfort early in a race than is anticipated. Everyone expects it to hurt, but you have some idea in your own mind for just how long it is going to do so, and when it comes sooner and hits you harder you might tend to get a little apprehensive about the outcome. Steve did exhibit his usual superior qualities when he returned to sea-level, which is an indication that he did not lose any of his work capacity as did many of the runners after altitude training in 1968.

Each year we learn more about just what it is that allows some people to reach unusual performances. There is more and more interest in the scientific aspects of sports, as it should be. I only hope we in the US are able to keep up with the pace.

---

### Those Were the Days When...

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**Twenty Years Ago:** McDonald Bailey of Trinidad ran 100-meters in 10.2 at Belgrade to tie the world record. It was also accepted as a European record, since the Trinidad sprinter had been a resident of a Britain for more than the required five years... Franklin "Bud" Held startled the track world by throwing the javelin 249'8 $\frac{1}{2}$ " at Stockholm. It was the best ever by an American, anywhere, and helped Held to rank number one in the world in an event rarely dominated by the US. Held's throw placed him fourth on the all-time list behind three Finns--world record holder Yrjo Nikkanen (258'2 $\frac{3}{8}$ " ), Matti Jarvinen (253'4 $\frac{1}{2}$ " ) and Erkki Autonen (250'6 $\frac{1}{4}$ " ).

**Ten Years Ago:** In the third of the series between USA and USSR at Central Lenin Stadium in Moscow, the US came out on top, 124 to 111. Valeriy Brumel, Russia's 19-year-old high jump sensation, raised his world record to 7'4 $\frac{1}{4}$ " and beat his many-time arch rival John Thomas for the fifth consecutive time as the American cleared a US seasonal best of 7'2 $\frac{1}{4}$ ". Ralph Boston stretched his world record in the broad jump to a fantastic 27'2". A US 400-meter relay team comprised of Hayes Jones, Frank Budd, Charles Frazier and Paul Drayton ran a sizzling 39.1 for another global mark... The council of the IAAF turned down a Japanese request to use all-weather tracks and runways in the 1964 Olympic Games... The combined Oxford-Cambridge track team made the trip to the US to compete against Harvard-Yale and Penn-Cornell in dual meets, on a gift of \$8400 from The Reader's Digest magazine... Four New Zealand runners accounted for three world records while competing in Europe. Murray Halberg set records for two-miles (8:30.0) and three-miles (13:10.0) and then joined Peter Snell, Barry Magee and Gary Philpott to set a new mark of 16:23.8 for the four mile relay.

## I Always Wanted to be...

a high jumper, but I used the wrong approach.  
 a distance runner, but I couldn't endure it.  
 a steeplechaser, but there are too many barriers.  
 a javelin thrower, but I didn't see the point.  
 a coach, but I didn't have the stomach for it.  
 a hammer thrower, but I was afraid I'd get nailed.  
 a high jumper, but I was always a flop.  
 a relayist, but the urge finally passed.

a decathlete, but I had no tenacity.  
 a statistician, but my days are numbered.  
 a sprinter, but I didn't have any get up and go.  
 a vaulter, but I didn't have any pull.  
 a long jumper, but I couldn't get the hang of it.  
 a triple jumper, but I was only a two-timer.  
 a sprinter, but I couldn't get started.  
 a high jumper, but lack of talent barred the way.  
 a shot put student, but the subject was too heavy.  
 a discus thrower, but it just wasn't my field.  
 a high jumper, but I couldn't get clearance.

a long jumper, but I couldn't get off the ground.  
 an intermediate hurdler, but wasn't man enough.  
 a vaulter, but I avoided the pitfalls.  
 a starter, but that idea got shot down.  
 a discus thrower, but I didn't think I oerter.  
 a 220 runner but that didn't turn out well.  
 a hammer thrower, but I went around in circles.  
 a relayist, but I couldn't stick with it.  
 a discus author, but I could only write platitudes.  
 a race walker, but track runs in my family.  
 a hammer thrower, but it was too frenetic. □

**Five Years Ago:** At Los Angeles, John Pennel broke the world record with a vault of 17'6 $\frac{1}{4}$ " in the International Games when the Russians stayed home. One of the great world records of all-time was set by a US team clocking 2:59.6 in the 1600-meter relay with Bob Frey (46.3), Lee Evans (44.5), Tommie Smith (43.8) and Theron Lewis (45.0). Russ Hodge set a world record in the decathlon, scoring 8230 points to edge Bill Toomey (8219), who also broke the world mark... Ollan Cassell retired as a quarter-miler to accept an appointment as the first director of track and field for the AAU... Harry Jerome did it again! The Canadian swiftly tied Bob Hayes' three year old record of 9.1 for 100-yards at Edmonton. Jerome's habit of tying world records, but not breaking them, gave him a unique distinction among world class sprinters. When he ran 9.3 on May 20, 1961, he equaled the mark held by 12 others; he ran 9.2 on August 25, 1962 and again on September 3, 1962 to equal Frank Budd's record. He also tied Armin Hary's 100-meter record of 10.0 on July 15, 1960... The Big 10 added to its outdoor schedule the 440 relay, 3000-meter steeplechase and triple jump, and substituted the three-mile for the two-mile and the 440 intermediates for the 330 hurdles. /Wally Donovan/

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### What Ever Happened to...

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Bill Miller is Chief of Development Branch, Indian Division, Office of Economic Opportunity at Bethesda, Maryland. Now 40, the former Arizona State javelin thrower recently captured the Masters title in San Diego. Miller won the silver medal at the 1952 Olympics and set an American record of 266'8" in 1954, ranking third in the world rankings... The first man ever to run the high hurdles in a legal 13.4, Jack Davis, is now president of the Medalist Corporation, a golf resort company in California. Davis was runner-up in the Olympic highs in 1952 and 1956, losing by an eyelash in both races... The University of California at Irvine has its first-ever track coach in Irvin "Bo" Roberson. Roberson missed the gold medal in the long jump at Rome in 1960 by one centimeter in finishing second to Ralph Boston. His 26'7 $\frac{1}{4}$ " leap moved him to third on the all-time list. Roberson ranked second in the world that year and third in 1959 and 1961.

Ex-California quarter-mile star Grover Klemmer is now an official in the National Football League. Klemmer tied the world 400-meter record of 46.0 in 1941 and also equaled the 440-yard mark of 46.4 the same year... Football's "Mr. Inside", Felix (Doc) Blanchard, has been appointed Commandant of Cadets at New Mexico Military Institute after retiring from 25 years active duty in the Air Force, winding up with the rank of colonel. Blanchard won the Sullivan award in 1946 and was also an outstanding shot putter (51'10 $\frac{3}{4}$ " ) at West Point... West Point's "Mr. Outside" was Blanchard's teammate, Glenn Davis, who is now Director of Special Events for the Los Angeles Times. During a brief track career in 1947, Davis had sprint times of 9.7, 20.9 and 6.2 (indoors). /Wally Donovan/

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### Postal Competition

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This fall--with the joint sponsorship of the United States Track & Field Federation (USTFF)--T&FN is conducting its 15th annual Postal Competition. This contest allows contesting teams and individuals in various

parts of the country to compare track times by mail.

The races and categories of competition offered in 1971 are: (1) two-mile team and individual race for junior high athletes (7th, 8th, & 9th grade); (2) two-mile team and individual race for high school athletes (9th, 10th, 11th & 12th grade); (3) three-mile team and individual race for high school athletes (NOTE: 9th graders are eligible for competition in categories 1-2-3); (4) three-mile team and individual race for collegiate athletes (two and four year); (5) three-mile team and individual race for open athletes (club, service, ineligible, unattached); (6) two-man 10-mile relay, for open, collegiate and high school athletes.

Competitions may be held anytime between Sept. 1 and Dec. 15, and all entries must be postmarked by Dec. 20. It is not necessary to compete against another team, although many schools prefer to hold large meets with others. However, at least five men must run in each race. Results will NOT be available until early February, and will be printed in T&FN. Attractive team and individual plaques and/or medals will be offered to leading placers.

To be considered for the competition, all marks must be submitted on the official entry blanks. Entries submitted on material other than the official form will NOT be considered. The official entry blanks and a complete set of rules are available only from the USTFF, P.O. Box 190, Tucson, Ariz. 85702. Results must be submitted on the official form. Highlights of the results will be published in one of the February T&FNs; detailed summaries will be available from the USTFF the same month. Do not write or call T&FN; special inquiries may be directed to Carl Cooper, USTFF, Executive Director at 602/624-7475.

## From Box 296

### Improved Newsletter Incorporates TrackStats

Tracknuts were treated in 1954 to the first sub-four minute mile and to the birth of Track Newsletter. Since then these two 17-year-olds have been running neck and neck. There have been 410 issues of the Newsletter and almost as many sub-fours.

The last two Newsletters are a distinct departure from the previous 408. Beginning with the first issue of the 18th volume, the heading on the 25-times-a-year publication reads "Track Newsletter and TrackStats". The size has been expanded to 10 full pages of material. Late news and more detail than Track & Field News has room for have been the foundation blocks of TN from the start and still are. They occupy as many of the 10 pages as necessary. But instead of stopping when the news runs out, the new TN fills the remaining pages with TrackStats.

There is infinite scope and variety to track statistics, and you may find most anything in the coming issues of the Newsletter. The first issue of TrackStats included a chart on all-time decathlon performances divided by year and score (there were 582 marks over 7500 points); world and American junior (under 20) records (Jim Ryun holds four and Gerry Lindgren three); Ron Clarke's world records (he set 18 but one has not been submitted for approval); a list of 39 marathon courses certified for correct distance; and 10 deep world rankings for 100-yards and 100-meters from 1947 through 1970.

The latter is the first of a continuing series and there will be other such series, including various all-time lists too big to publish in a single issue. This first issue included only three-and-a-half pages of TrackStats because the news content was heavier than average. Throughout the year, and especially when TN is rushed to eager readers each week, about half of each issue will be TrackStats. The Stats are enjoyable and informative and constitute an excellent reference source. Initial reaction to the new Track Newsletter and TrackStats has been encouraging, and we are looking forward to serving a larger segment of the track public.

### Are Your Issues Arriving Torn or Damaged?

Are your issues arriving in one piece? Since we had a few reports from subscribers about receiving torn or damaged issues in the mail, a new method of bundling issues for mailing has been devised. We'd like to know whether this method is successful or not. Please let us know if any issues after I July 1971 are received in poor condition. This will enable us to pinpoint problem areas and determine if the new system is working. Thanks. Write: Jim Renshaw, Office Manager, Track and Field News, P.O. Box 296, Los Altos, Calif. 94022.

## Status Quo

Willie McGee, Alcorn A&M's 9.1 sprinter, was reportedly hopeful of gaining a berth on the Pan-Am team, but a leg injury suffered at the NALA forced his withdrawal from the AAU meet. McGee is now pointing towards Munich and 1972. . . One-lap standout Wayne Collett of UCLA has been accepted to his alma mater's graduate school of Business Administration and will train for Munich with the flat 400-meters in mind. . . Also moving on to graduate school is 1966 Commonwealth 200 champ Stan Allotey, who ran for LA State the past four years. Allotey, a citizen of Ghana, will remain in the US until he gains his masters degree.

Olympic intermediate hurdler Boyd Gittins, finishing a hitch in the Army, will return to Washington State this fall. Gittins, who set a collegiate record of 49.1 for the 400-meter hurdles in 1968, ran again this summer for the first time since the 1969 NCAA. Off several weeks training he did 15.4 and 55.1 in the hurdles and 50.7 in the open quarter. . . Seeing some action in recent southern California all-comer affairs was former prep sensation Steve Caminiti. Competing for Crespi Carmelite of Encino, Calif. in 1964, Caminiti ran a still-standing record of 18.1 for the 180 low hurdles straight. A 9.4 sprinter while at New Mexico, he had a summer best of 9.6. □

## To Box 296

## Letters to the Editor

NEAL ROBINSON, Evanston, Illinois:

I have read T&FN for many years, and never have I read a more offensive letter than the one written by Werner Rodiger (II July T&FN). Mr. Rodiger seems caught up in chauvinism and the importance of beating the USSR. Yet most of all, he seems to resent Marty Liquori on some personal grounds, which could only be described as bigoted and prejudiced. He seems to think of track meets as a vehicle for beating the rest of the world, not as competitions for the individual athlete. Whether Marty Liquori competes against the USSR or not is his business, not the AAU's and certainly not Mr. Rodiger's. Track is still basically an individual sport, and if an athlete wants to prepare for the Olympics in a certain way, he certainly should be free to do so. My only regret is that there are so many people like Mr. Rodiger, who are influential in track. With their presence, the individual always will be sacrificed for some pointless ideal.

FRANK AMPRIM, JR., Wyandotte, Michigan:

I would like to disagree with the statements of Werner Rodiger, who downgraded the US's athletes in the 1500 and the hammer. Our top athletes who had given their all in the AAU were either resting or competing in other meets--which they had a right to do. I cannot understand why Mr. Rodiger singled out Marty Liquori as the arch criminal and ridiculed him because he is handsome and lives in the east. By virtue of what authority does he presume to tell our athletes when and where to compete? (Editor: T&FN received more reaction to Werner Rodiger's letter than to any other item published in this magazine in the past year. All correspondence and telephone calls were roughly of the same opinion as the above two letters.)

TED GRIMSRUD, Elkton, Oregon:

I was sorry to see the US not represented by the best athletes against the USSR and the Africans, but I think that one of the greatest things about this country is that the athletes are free to compete where they wish--and that there are publications like yours to insure this.

DICK WELLS, San Diego State track coach, San Diego, California:

I was very pleased with the USOC Olympic Training camp here this year. Although we did not have the name athletes, we had some fine young men who came to San Diego to learn. I am certain we will be seeing these young men in the spotlight during the next few track seasons. Our coaching staff was also short of name coaches but I would not trade this crew for any other. These men really came across to the athletes with both their concern and knowledge. . . These camps are one of the finest things that have happened to track and field in the US. They have offered specialized training from specialized coaches to some fine young athletes. Comments such as "I have learned more in these three weeks than I have in the eight years I have been training" and "The best coaching I have ever been exposed to" were not uncommon in the final evaluation reports of the athletes.

BOB FORBES, Eugene, Oregon and Los Angeles, California:

The AAU marathon championship race in Eugene moved me so much that I just sat down, during the standing ovation, put my head in my hands and cried. The tears really flowed. I guess it was pride for the city. The love Eugene has for its runners and all runners is uncanny. If I had to name one track experience, that's it. It's always a series of events that leads up to the emotion, and that was a climax over a 10 year period. I sensed something special was happening but I didn't realize how it would affect me until it happened. I was weak with pride for these people and the city, and I was so happy the marathoners were made to feel so good. After all, the training involved is monumental--and they richly deserved everything they had coming to them.

JACK MORTLAND, editor Ohio Race Walker, Columbus, Ohio:

I doubt that seven hundred million Chinese are going to believe that Pat Matzdorf actually jumped 7'6 $\frac{1}{4}$ ". Not that I have any doubts of the authenticity of this mark but I certainly find it much more surprising and even harder to accept than Ni Chih-chin's mark. The latter, after all, had jumped within  $\frac{3}{8}$ " of his mark that no one cares to accept outside China. So, although we may doubt the conditions, Ni's ability to accomplish such a jump was certainly much better established than Matzdorf's. As well, I'm wondering what our excuse will be for the US-USSR 100-meters, since Valeriy Borzov obviously didn't get a flyer this time, starting rather badly actually, and still beat the US, rather handily at that. . . On the travel permit fuss, I note that the Shore Athletic Club, which has no big-name performers, apparently got an AAU foreign travel permit with little difficulty. At least they were able to announce plans for their August-September trip to Europe several months in advance while the Pacific Coast Club stewed.

FRANK LEBORD, Irwindale, California:

Congratulations are in order to Ernst Soudek for his bold, insightful letter (I July) in which he called the bluff of that "ridiculous" Tim Vollmer and his wind-aided marks. It is fitting that Soudek had a chance to prove his point under the neutral conditions at Eugene where he blasted out a 184'9" while the best Vollmer could manage, without wind, was a meager 208'4".

MIKE HOFFMAN, discus thrower, Ft. MacArthur, California:

I would hope that Ernst Soudek's letter was written before the AAU. His statements concerning Tim Vollmer's throw at Portland were absurd. What performer is any sporting event isn't allowed a bad day, not to mention the cold tail wind blowing at Portland? I admit my 216-footer was a little unreal but I don't believe you can add 24-feet to a PR just because it's windy. Isn't it possible that Antelope Valley was a combination of wind and wind-psyche, adding up to a better performance? It wasn't the big pressure competition, but a great time that produced some good throwing. The mark itself doesn't mean that much to me but it does indicate there is a potential that could later develop. I don't think Tim cares about his throw either; he's the AAU champ.

RUSSELL JOHNSON, Oxon Hill, Maryland:

Congratulations to Rich Clarkson for his outstanding photography. Having watched him during this year's NCAA and AAU meets, I was most impressed with his courteous manner. So many professional photographers could care less whether the track fan can see or not. □

# USA-USSR Souvenir Set

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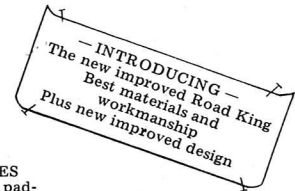
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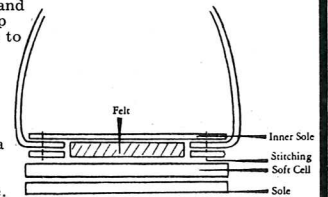
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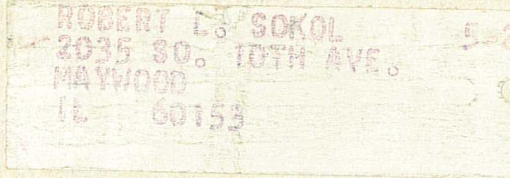


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