

TRACK NEWSLETTER

Supplementing TRACK & FIELD NEWS twice monthly.

Vol. 13, No. 8

February 2, 1987

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Gaines, Urbina, Fordham Excel

by Jim Dunaway

Boston, Mass., Jan. 14--Bill Gaines, Ricky Urbina and Fordham's two-mile relay team excelled in the east's traditional indoor opener, the Massachusetts K. of C. meet at the Boston Garden.

Gaines equalled Frank Budd's meet record of 5.2 for the 50-yard dash, popping off the blocks so fast that some thought he must have rolled. But he didn't; it's just that the little New Jersey flyer has the quickness of a really great indoor sprinter. Gaines won easily from an ordinary field, second going to a good-looking frosh from Boston College, Mike Johnson. Charley Mays was shut out in his semi.

Urbina took the 1000 handily with a swift 2:09.1 on a 160-yard track. He lay back in fourth place as Fran Smith led George Germann and Peter Scott through a 58.0 quarter. With two laps to go, Germann moved strongly past Smith into first, and Urbina moved up to third. On the next lap, Urbina just managed to get the lead from Germann as they hit the turn at the bell, cutting in so sharply that Germann had to fend him off. Urbina opened up nearly 10 yards down the last backstretch, but Germann was cutting the margin down over the final 60 yards, while the others faded. Germann ended up six yards back with a time of 2:09.7, with Smith third in 2:11.3 and Scott fourth in 2:13.2.

Fordham set the only meet record of the evening in the final two-mile relay. The Rams led all the way, with splits as follows: Don May 1:54.8, Jim Groark 1:51.0, Brian Hernon 1:52.4 and Jack Fath 1:52.4, for a total of 7:30.6. Only Harvard could make a contest of it, but Groark's second leg took care of that, and Hernon and Fath looked like they could have run fast enough for 7:28 or so if needed. Harvard finished about 25 yards behind in 7:33.6. The Cantabs' best leg was a 1:52.0 by Jim Baker, who had run a 4:15 mile only a half-hour earlier.

Ergas Leps won an interesting tactical mile. The 27-year-old Torontoan led the field through a 65.0 first quarter, which prompted Conrad Nightingale to go to the front and speed things up a bit. He did, hitting the half in 2:04.7 and the three-quarters in 3:05.6. Leps moved smoothly back into the lead with two laps to go, and won easily by 12 yards in 4:06.4. Dave Patrick, who hadn't trained all week because of a cold and a sore hamstring, charged up from sixth to take second in 4:07.9, while Dave Bailey also finished full of run in 4:08.6 for third.

Leps' Toronto Track Club teammate, 29-year-old Dave Ellis, ran away from the field over the last half-mile to take the two-mile by 30 yards in 8:47.6. John Lawson, who will join the great exodus from the Midwest to Los Angeles in February, outleaned Barry Brown for second in 8:51.8. The depth was very good, with seventh and eighth probably under nine minutes, although their names and times were lost in the shuffle.

In other action, Martin McGrady won a front-running 1:10.9 600 from Dave Crook and Dave Hemery; Russ Rogers won the 45-yard high hurdles in a routine 5.6 seconds; Bob Backus, who at 40 says this will be his last year of competition, threw the 35-lb. weight 63'7 $\frac{1}{4}$ " to beat Al Hall's 62'5 $\frac{3}{4}$ "; Mel Hein cleared 16'0" to win the vault from Vince Bizzarro's 15'6", and John Thomas won the high jump at 7'0", with Stan Albright second at the same height and Chris Pardee, home from Oxford for a few weeks, third at 6'10".

50, Gaines (Clearview Regional, Mullica Hill, NJ) 5.2; 2. Johnson (Boston C Fr) nt. Heats: I-1. Gaines 5.3. Semis: I-1. Anderson (Harv) 5.3. II-1. Gaines 5.3. 500, Fitzpatrick (C Conn St) 57.7; 2. Anderson (Mass) 58.4. 600, McGrady (C Ohio St) 1:10.9; 2. Crook (49ers) 1:11.2; 3. Hemery (Boston U) 1:11.3; 1000, Urbina (Geotwn) 2:09.1; 2. G. Germann (SOCC) 2:09.7; 3. F. Smith (unat) 2:11.3; 4. Scott (unat) 2:13.2.

Mile, Leps (Tor TC) 4:06.4; 2. Patrick (Vill) 4:07.9. 2Mile, Ellis (Tor TC) 8:47.6; 2. Lawson (Jayhawk TC) 8:51.8; 3. Brown (NYAC) 8:51.8; 4. Schramm (Miami, O) 8:56.0; 5. Messenger (Vill) 8:56.4; 6. Sheehan (Manhattan) 8:57.4. 45HH, Rogers (GSB) 5.6; 2. Herman (Boston U) nt; 3. Hall (Vill) nt. Heats: I-1. Rogers 5.7. II-1. Copeland (Conn) 5.7. Semis: II-1. Hall 5.7.

HJ, Thomas (Boston AA) 7'0"; 2. Albright (unat) 7'0"; 3. Pardee (Oxford) 6'10". PV, Hein (Strid) 16'0"; 2. Bizzarro (Vill) 15'6".

LJ, Mays (GSB) 22'8 $\frac{1}{2}$ ". SP, Kenney (NEn) 52'10 $\frac{1}{2}$ ". 35Wt, Backus (NYAC) 63'7 $\frac{1}{4}$ "; 2. Hall (NYAC) 62'5 $\frac{3}{4}$ "; 3. Bailey (C Conn AA) 59'6 $\frac{1}{2}$ ". 2MileR, Fordham 7:30.6 (May 1:54.8, Groark 1:51.0, Hernon 1:52.4, Fath 1:52.4); 2. Harvard 7:33.6 (Baker 1:52.0); 3. Villanova 7:41.6; 4. Manhattan 7:42.2. MileR, Air Force 3:21.9.

Walker Arches 54'1 3-4" on One Jump

Oakland, Calif., Jan. 15 (c)--A feature on the Athens Invitational appeared in the January issue of Track & Field News. A more complete summary of the meet appears below.

60, Greene (Nebr) 6.1; 2. Hines (Tex So) 6.1; ... 5. Smith (San Jose St) 6.2. Heats: I-1. Greene 6.1. II-1. Hines 6.1. 500, Kemp (49ers) 57.5; 2. Frey (Strid) 58.1. 600, Evans (San Jose St) 1:10.9; 2. Whitney (Strid) 1:11.3; 3. Yerman (SCVYV) 1:11.3; 4. Hengl (Cal) 1:12.6; 5. Peck (Kans) 1:13.4. 1000, Von Ruden (49ers) 2:10.2; 2. Nelson (Strid) 2:13.9. Mile, Romo (Strid) 4:10.4. 2Mile, Laris (NYAC) 8:48.6; 2. Moore (So Ill) 8:49.0; 3. Traynor (49ers) 9:00.2; 4. Lawson (Jayhawk TC) 9:00.6. 60HH, Boston (Strid) 7.2. Heats: I-1. Livers (Athens) 7.2. II-1. Boston 7.3.

HJ, Burrell (49ers) 7'2"; 2. Rambo (49ers) 7'0"; 3. tie, Boyce (Stan) and Hines (Athens) 6'10"; 5. Dobroth (Strid) 6'10"; 6. Hoyt (Strid) 6'10"; 7. Johnson (San Jose St) 6'10"; 8. Hartfield (Tex So) 6'8". PV, Papanicolaou (Greece) 16'4 $\frac{1}{2}$ "; 2. Steinhoff (Kans) 16'0"; 3. Heglar (PAA) 15'6"; 4. White (Athens) 15'6"; 5. Hein (Strid) 15'6". LJ, Boston 26'3"; 2. Proctor (Muir HS, Pasadena, Cal) 25'3 $\frac{3}{4}$ "; 3. Horn (Athens) 24'11 $\frac{3}{4}$ "; 4. Clayton (49ers) 24'4 $\frac{1}{2}$ ". TJ, Walker (Strid) 54'1 $\frac{3}{4}$ "; 2. Craig (49ers) 52'3"; 3. Horn 51'4"; 4. Olmstead (49ers) 49'9 $\frac{3}{4}$ ". SP, Maggard (SCVYV) 62'1"; 2. Davis (PAA) 59'8 $\frac{3}{4}$ "; 3. Puce (Nev) 59'5 $\frac{1}{2}$ ".

Mile R, San Jose St 3:17.4 (Shackelford 49.8, Talmadge 49.6, Evans 50.3, Smith 47.7); 2. Athens 3:18.3.

Hines Tops Slew of Good Sprint Times

Kansas City, Mo., Jan. 21 (a)--A feature on the NAIA indoor championships appeared in the January issue of Track & Field News. A more complete summary of the meet appears below.

60, Hines (Tex So) 5.9; 2. Brown (Ark AM&N) 5.9; 3. Duncan (Tex So) 6.0; 4. Cook (Sn) 6.0. Trials: I-1. Hines 5.9. II-1. Griffith (Okla Chris) 6.0; 2. Davenport (Sn) 6.0. III-1. Brown 6.1. IV-1. Nairn (Sn) 6.0. V-1. Duncan 6.0. VI-1. Cook 6.0; 2. Dearion (P View) 6.1. Quarters: I-1. Hines 6.0; 2. Monseque (Morehead St) 6.1; 3. Smith (Tex So); 6.1. II-1. Griffith 6.0; 2. Cook 6.1. III-1. Nairn 6.0; 2. Brown 6.1. IV-1. Duncan 6.0; 2. Dearion 6.1; 3. Davenport 6.1. Semis: I-1. Hines 6.1; 2. Cook 6.1; 3. Davenport 6.1. II-1. Duncan 6.0; 2. Brown 6.1; 3. Smith 6.1. 440, Ford (Sn) 49.2. Heats: Gates (Sn) 48.8; Stinson (Ark AM&N) 48.8. 60HH, Davenport 7.0; 2. Hicks (Tex So) 7.2; 3. Nairn (Sn) 7.2. Heats: I-1. Davenport 7.0. II-1. Bristol (Tex So) 7.2; Nairn 7.2. III-1. Hicks 7.2. Semis: I-1. Davenport 7.1; 2. Bristol 7.2. II-1. Nairn 7.2; Hicks 7.2.

HJ, Hartfield (Tex So) 7'1". PV, Steben (Oxy) 15'6". LJ, Nairn 24'7 $\frac{3}{4}$ "; 2. Fox (McMurry) 24'5"; 3. Brown 24'4".

Mile R, Arkansas AM&N 3:17.3 (Smothers, Francis, Smith, Stinson).

Team Scoring: 1. Southern 102 $\frac{1}{2}$; 2. Texas Southern 87; 3. Eastern Michigan 46; 4. Arkansas AM&N 30.

Open results: 2Mile, Benson (Aus) 8:57.2; 2. Scott (NM) 8:57.8. HJ, Thomas (BAA) 7'0". PV, Burton (Wichita St) 15'6". SP, Woods (Saluki TC) 61'3"; 2. Crews (unat) 59'2 $\frac{1}{2}$ ".

Ryun, Grelle, Boston, Walker Win

Los Angeles, Jan. 21 (c)--A feature on the Los Angeles Invitational appeared in the January issue of Track & Field News. A more complete summary of the meet appears below.

60, Greene (Nebr) 6.0; 2. Dunn (Strid) 6.1; 3. Smith (Manual Arts HS, LA) 6.1. Heats: I-1. Dunn 6.0, II-1. Greene 6.0, 500, Kemp (49ers) 57.2; 2. Morgan (Tex Wn) 58.9; 3. Frey (Strid) 58.9, 600, Yerman (SCVYV) 1:10.6; 2. Crook (49ers) 1:10.9; 3. Whitney (Strid) 1:10.9. Mile, Ryun (Kans) 4:02.6 (60.2, 2:03.5, 3:04.8); 2. Von Ruden (49ers) 4:03.3; 3. Burleson (unat) 4:03.8; 2 Mile, Grelle (Multomah AC) 8:45.0; 2. Lindgren (Wash St) 8:45.6; 3. Young (Ariz TC) 8:45.8. 60HH, Flowers (Tenn) 7.1; 2. Gillette (Strid) 7.2. Heats: I-1. Shy (San Diego St) 7.2, II-1. Ottoz (Italy) 7.2.

HJ, Rambo (49ers) 6'11 $\frac{1}{2}$ "; 2. Hoyt (Strid) 6'11 $\frac{1}{2}$ "; 3. Dobroth (Strid) 6'9 $\frac{1}{2}$ "; 4. Caruthers (Ariz) 6'9 $\frac{1}{2}$ ". PV, Seagren (So Cal) 16'6"; 2. Papanicolaou (Greece) 16'0"; 3. Steinhoff (Kans) 16'0"; 4. Heglar (PAA) 16'0". LJ, Boston (Strid) 26'3 $\frac{3}{4}$ " (25'3 $\frac{3}{4}$ ", 25'9 $\frac{1}{2}$ ", 26'3 $\frac{3}{4}$ ", 25'8 $\frac{3}{4}$ ", 25'3 $\frac{3}{4}$ ", p); 2. Proctor (Muir HS, Pasadena, Cal) 25'10 $\frac{1}{2}$ " (25'7", 25'10 $\frac{1}{2}$ ", 25'2", 25'9 $\frac{1}{2}$ ", 25'9 $\frac{1}{2}$ ", f); 3. Hopkins (PAA) 25'8 $\frac{3}{4}$ "; 4. Clayton (49ers) 24'8". TJ, Walker (Strid) 53'11 $\frac{1}{2}$ "; 2. Craig (49ers) 51'11"; 3. Horn (Athens) 51'1"; 4. Bethea (49ers) 48'10 $\frac{3}{4}$ ". SP, Maggard (SCVYV) 62'11 $\frac{1}{2}$ "; 2. Cole (49ers) 62'1 $\frac{1}{4}$ "; 3. Davis (PAA) 61'7"; 4. O'Brien (PAA) 60'8 $\frac{1}{2}$ ".

Seagren, Patrick, O'Brien Grab Headlines

New York, N.Y., Jan. 26--Southern California's Bob Seagren overcame a back injury suffered in warming up to win the pole vault, Villanova's Dave Patrick bounced back from a first-lap fall to annex the mile and Australia's Kerry O'Brien swept to a two-mile victory a few hours after seeing a board track for the first time, at the 60th Millrose Games before a sell-out crowd of 15,596 Thursday night fans.

Seagren arrived at Madison Square Garden too late to take any warm-up vaults because competition had begun when he showed up. He then went through some exercises to help him warm-up, but he injured his back and needed a shot of novocaine to begin vaulting. He said his back hurt on his successful 16'7" vault and on his three misses at 17'2", but he said, "I still should have done 17'2".

Patrick, the NCAA outdoor mile champion in 1966, caught an elbow on the first turn and fell on the boards, but the recall gun was fired and the next start was not quite as rough. He led through splits of 58.7, 2:02.4 and 3:06.5 before breaking away with 1 $\frac{1}{2}$ laps to go and hitting the tape in 4:03.7--his best indoor time.

In the two-mile, O'Brien, the 20-year-old Australian who has run 8:29.0 for the steeplechase, followed the pace of the NYAC's Tom Laris and countryman Tony Benson before jumping the field with 2 $\frac{1}{2}$ laps remaining to finish in 8:39.6--the fastest time indoors this year. Another steeplechaser, the 49ers Pat Traynor, nipped Benson for second, 8:43.0 to 8:43.8.

In other events, John Thomas cleared 7'1" on his first attempt to defeat the 49ers Otis Burrell, who needed two tries at the height. Thomas first cleared 7-feet in this meet as a college freshman in 1959 for what was then a world indoor record. His defeat of Burrell, the top high jumper in the US in 1965 and 66, indicated that his comeback is now in high gear.

In the two straightaway races, times were unspectacular but the results were important. Nebraska's Charlie Greene got a good start and beat New Jersey prep Bill Gaines by 1 $\frac{1}{2}$ feet in a slow 6.3. Finishing fourth was Tennessee soph Richmond Flowers who had failed to make the high hurdle final. With two to qualify for the final, Flowers was given first but a look at the photo placed him second and a further study gave him a tie with Winston-Salem's Leon Coleman. A two-man runoff was held with the surprising win by Coleman by a foot. In the final, Southern's Willie Davenport ran 7.2 to nip Coleman.

In oval races the Grand Street Boys' Charlie Mays led from the gun in the 500 to beat the Baltimore Olympic Club's Nick Lee, 57.0 to 57.4. The 49ers' Jim Kemp failed to finish as he quit in the stretch. Lee later joined three Trinidadians, Ed Roberts, Kent

Bernard and Ed Skinner, to win the mile relay in 3:18.4. Central Ohio State's Martin McGrady abandoned his usual pace-setting technique to follow until the last turn when he kicked hard to win the 600 in 1:10.9, for his eighth consecutive win at the distance over two seasons. In the 880, Canada's Bill Crothers showed his usual spark to nip Georgetown's Ricky Urbina, 1:53.2 to 1:53.3. The Toronto pharmacist attributed his victory to "regular training, five nights a week, 25 miles, since I lost a couple of slow races back to back in Saskatoon."

Fordham chalked up its second straight two-mile relay victory over Patrick-less-Villanova with a swift clocking of 7:32.4. Jim Groark and Jack Fath both recorded 1:52.0 clockings to aid Fordham's effort which topped Villanova's 7:36.0.

60, Greene (Nebr) 6.3; 2. Gaines (Clearview Regional, Mullica Hill, NJ) nt. 500, Mays (GSB) 57.0; 2. Lee (Balt OC) 57.4; 3. Frey (Strid) 57.6; 4. Hill (Sn/Fr) 58.1; Kemp (49ers) did not finish. 600, McGrady (Cent Ohio St) 1:10.9; 2. Matthews (J C Smith) 1:11.0; 3. Bruckel (Cornell) 1:11.2. 880, Crothers (EYTC) 1:53.2; 2. Urbina (Geotwn) 1:53.3; 3. G. Germann (SOCC) 1:53.7; 4. Scott (unat) 1:55.1; 5. Kemper (W Ger) 1:55.4.

Mile, Patrick (Vill) 4:03.7; 2. Bailey (EYTC) 4:04.8; 3. Leps (Tor TC) 4:04.8; 4. Bair (Kent St) 4:05.6. 2 Mile, O'Brien (Aus) 8:39.6; 2. Traynor (49ers) 8:43.0; 3. Benson (Aus) 8:43.8; 4. Laris (NYAC) 8:50.0. 60HH, Davenport (Sn) 7.2.

HJ, Thomas (Boston AA) 7'1"; 2. Burrell (49ers) 7'1"; 3. Hernon (Mo) 6'10". PV, Seagren (So Cal) 16'7"; 2. Hein (Strid) 16'0"; 3. Curtis (Okla St) 15'6"; 35 Wt, Doernberger (NYAC) 60'10".

MileR, Baltimore OC 3:18.4 (Roberts, Lee, Bernard, Skinner). 2 MileR, Fordham 7:32.4 (May 1:56.0, Groark 1:52.0, Hernon 1:52.4, Fath 1:52.0); 2. Villanova 7:36.0; 3. Tennessee 7:36.0 (Kelly 1:51.3); 4. Manhattan 7:37.2; 5. NYU 7:41.6.

Steinhauer Ups Own Put Mark to 67'10"

by Ranny Green

Tacoma News Tribune Sports Writer

Portland, Ore., Jan. 28--A superlative cast of athletes had themselves a record-wrecking time at the seventh annual Oregon Invitational Indoor meet before 10,108 fans, an all-time high and a standing room only crowd. By the time the meet was completed, one world record had been broken, one global standard tied and seven meet marks eclipsed.

Neal Steinhauer, Oregon's 6'5", 268-lb. shot put goliath, smashed his pending world indoor mark by 15 $\frac{1}{4}$ inches with a prodigious heave of 67'10". His series was sensational and exceeded outdoor world record holder Randy Matson's previous best anywhere average, 66'6 $\frac{3}{4}$ " to 65'10 $\frac{1}{4}$ ". (Matson's five put series average of 68'10 $\frac{3}{4}$ ", however, easily surpasses this series.) Steinhauer's series went like this: 66'10 $\frac{1}{4}$ ", 65'1 $\frac{1}{2}$ ", 67'7 $\frac{1}{4}$ ", 65'5 $\frac{1}{2}$ ", 66'3 $\frac{1}{4}$ " and 67'10". His worst mark hit a marker box, and observers indicated the put would have traveled another foot if its trajectory hadn't been curtailed in mid-air.

The meet's outstanding competitor commented: "I think I might have gotten a little more distance on my last toss (the world record heave) if it hadn't slipped. This indoor shot is a little off balance. That's because it's a combination of latex and lead. I don't have this problem with the outdoor shot because it's all lead. But the home crowd sure helps. It made me want to try just a little bit harder."

Steinhauer has been literally shooting in the dark this winter. He set his initial world indoor mark at San Francisco's All-American Games, Jan. 7, and has concentrated in practice with an eye toward bettering that. The only trouble is--his practice area isn't long enough.

"I've been putting the shot high up against the concrete wall at 55-feet. So I really didn't know what I had in me as far as distance tonight." His high-arched tosses have been putting out light bulbs in the indoor practice gym at the University of Oregon but he added, "The janitors keep putting new ones in."

Consistent Ralph Boston posted his fourth long jump-hurdle double victory of the season as he sped over the 60-yard highs in 7.1 after equalling the meet mark of 7.2 in the prelims and managed a creditable 25'8 $\frac{3}{4}$ " in the long jump. The long jump triumph was his fifth without a defeat in this winter's indoor circuit while he has notched four hurdle victories after an initial and disputed loss in his opener.

Boston said, "I felt good. I was getting good height but the runway seemed a little slow. I've been running the hurdles quite a bit lately because they help me with my rhythm in the long jump. With proper rhythm I can save a lot of scratches."

Most noteworthy of the remaining meet records was Dennis Phillips' 16'4 $\frac{1}{4}$ " vault, achieved after a nary a miss at 15'0", 15'4", 15'8" and 16'0". He failed thrice at 16'9" after clearing 16'4 $\frac{1}{4}$ " on his first attempt.

Bulletin Board

TRACK NEWSLETTER

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

Newsletters of Volume 13 will be mailed as follows: (A)=four page TN by air-mail; (8)=eight page TN by first-class mail. February 2 (8), 16 (A), March 2 (8), 16 (A), 30 (A), April 13 (A), 27 (A), May 4 (A), 11 (A), 18 (A), 25 (A), June 1 (A), 8 (A), 15 (A), 22 (A), 29 (A).

Jim Ryun, the Kansas sophomore, sped through the 1000-yard run in 2:09.9 to post his second victory of the indoor campaign in his final run of the undercover season. He was closely pursued by Oregon State junior transfer Terry Thompson, who eventually ran 2:10.6. The tempo didn't really pick up until the closing two laps when both opened up with sprints. Ryun won by three yards after running second the first four laps on the 160-yard long track noted for its high banking and normally fast times.

"I was pleased with my run. In fact, I've been kind of surprised with my times last week and tonight. They've been pretty good, considering I didn't start hard training until Dec. 16. And our weather in Kansas hasn't been too conducive for lengthy outdoor workouts. This is my first try at the 1000. I tried to look at the clock but the odd distance event makes it a little difficult in the early going to set any kind of a record pace the first time out," Ryun added. He never heard any of the splits called.

The 60-yard dash finale produced considerable excitement. Charlie Greene, Nebraska's co-world record holder for the distance, was matched for the first time against Canada's 1964 Olympic bronze medalist at 100-meters, Harry Jerome. Jerome, admittedly in "pretty good shape," is a school teacher in Vancouver, B.C. Greene grabbed the lead off the blocks but Jerome closed ground in the final 15 yards. The Canadian pulled virtually even with Greene at 50 yards but Greene proceeded to out lean the fast-finishing Jerome at the tape. Both were timed in 6.1 as was the third-place finisher, Bob Griffin of San Jose State. San Jose State's Tommie Smith slipped to fourth in 6.2, just ahead of impressive high schooler Onia Bates (6.2).

Greene incurred a torn muscle in his upper right leg while shifting "into second gear" in the final 10 yards. Early prognosis indicated Greene may be out of action from two to four weeks.

The two-mile has annually been the highlight event here, but this year Jim Grelle had it all his own way in an easy 8:59.6 as both Dyrol Burleson and Tracy Smith were forced to withdraw.

Darrell horn took the triple jump with a meet record of 51'9 $\frac{1}{2}$ ". San Jose State's quartet of Ken Shackelford, Bob Talmadge, Lee Evans and Smith sped the mile relay in 3:18.6 for still another arena mark. San Jose's effort was spectacular as Shackelford fell at the first turn of the race.

60, Greene (Nebr) 6.1; 2. Jerome (Van OC) 6.1; 3. Griffin (San Jose St) 6.1; 4. T. Smith (San Jose St) 6.2. Heats: I-1. Greene 6.2. II-1. Jerome 6.1; 2. Smith 6.1. 500, Evans (San Jose St) 57.6; 2. Pancoast (Ore St) 58.0; 3. Tuominen (BYU) 58.1. 1000, Ryun (Kans) 2:09.9; 2. Thompson (Staters TC) 2:10.6; 3. Kruger (UCLA) 2:12.2. Mile, Bell (Ore) 4:09.3; 2. Danielson (BYU/Fr) 4:10.4; 3. Divine (Ore) 4:10.5; 4. Sirl (NZ) 4:12.8. 2 Mile, Grelle (Multnomah AC) 8:59.6; 2. Moore (Ore TC) 9:03.6. 60HH, Boston (Strid) 7.1; 2. Roe (Wash) 7.2; 3. Blum (Ore) 7.2. Heats: II-1. Boston 7.2. MileR, San Jose State 3:18.6 (Shackelford, Talmadge, Evans, Smith).

HJ, Caruthers (Ariz) 7'0"; 2. Dobroth (Strid) 6'10"; 3. Burrell (Nev) 6'10". PV, Phillips (Ore St) 16'4 $\frac{1}{4}$ "; 2. Papanicolaou (San Jose St) 16'0". LJ, Boston 25'8 $\frac{3}{4}$ "; 2. Horn (Athens) 25'0"; 3. Shin-nick (Tacoma TC) 24'8"; 4. Pertti Pousi (BYU) 24'2 $\frac{1}{4}$ ". TJ, Horn 51'9 $\frac{1}{2}$ "; 2. Pousi 50'6 $\frac{1}{2}$ "; 3. Johnson (Wash St) 48'11". SP, Steinhauer (Ore) 67'10" WR; 2. O'Brien (PAA) 62'4 $\frac{1}{2}$ "; 3. Puce (Nev) 60'11 $\frac{1}{4}$ ".

Aussie O'Brien Triumphs in 8:38.4

Boston, Mass., Jan. 28--Australia's Kerry O'Brien raced to his second two-mile triumph in 48 hours and Villanova added Dave Patrick to its two-mile relay for the first time this year to finally top Fordham after two losing tries at the 78th Boston AA before a respectable crowd of 10,242.

O'Brien, who has had insufficient sleep since arriving in the US on Jan. 24 and complained of aching legs from the boards and a raspy throat from the stadium smoke, again used a strong kick to win. Ireland's Tom O'Riordan led at the mile in 4:22.1 and at 1 $\frac{1}{2}$ miles in 6:35.8 before the NYAC's Tom Laris took over with 4 $\frac{1}{2}$ laps left and held off O'Brien until the final lap when the Australian edged into first place but did not break away as he had in New York two nights ago. O'Brien finished in 8:38.4 with Laris clocking 8:38.8--personal bests for both. O'Brien's final quarter was a sparkling 58.4.

Eastern fans had looked forward to the two-mile relay because Villanova, which had lost to Fordham at the Boston K of C and Millrose meets, was running with Patrick, a 1:48.7 half-miler who had been running the open mile. Fordham coach Artie O'Connor had said that his team had to "shake loose from the Cats (Villanova) on the first two legs". Villanova was five yards behind at the second exchange but Irishman Ian Hamilton ran 1:52.4 to give Patrick the baton even with Fordham's Jack Fath for the anchor leg. Patrick jumped to a quick five-yard lead and was never headed as he completed the 5 $\frac{1}{2}$ laps in 1:49.5 to give Villanova a final time of 7:30.4. Fath's split of 1:50.3 was his fastest and Fordham's 7:31.2 was their second

fastest this year.

In the 45-yard high hurdles, Southern's Willie Davenport lost a heat to Winston-Salem's Leon Coleman, who two days earlier had beaten Richmond Flowers in a special run-off race, but caught him at the last hurdle in the final to win by a yard in 5.4--equalling his meet and world record set here last year. Flowers was third behind Coleman in the final of this race but no times were available for non-winners as is the policy in Boston and New York indoor meets for short races.

Good depth was evident in all oval races. In the 440, the Grand Street Boys' Charlie Mays came from behind to nip the Striders' Bob Frey, 49.1 to 49.3. Central Ohio State's Martin McGrady reverted to his front-running tactics to win the 600 in 1:09.9, holding off England's and Boston University's Dave Hemery at 1:10.1. Canada's Bill Crothers was fourth in 1:10.9, losing his first race in Boston and snapping a string of eight victories here stretching back to 1962.

Another Canadian was successful. Ergas Leps took the lead with 2 $\frac{1}{2}$ laps remaining and was never challenged as he copped the 1000 in 2:08.1--the year's fastest time.

In field events, John Thomas cleared 7-feet for the fifth time this season with a 7'0" effort to defeat Stan Albright, who jumped 6'10". The 35-lb. weight throw was won by 40-year-old, 280-lb. Bob Backus whose 64'6 $\frac{1}{4}$ " was the longest of the 1967 indoor season.

50, Pender (US Army) 5.3. 440, Mays (GSB) 49.1; 2. Frey (Strid) 49.3. 600, McGrady (C Ohio St) 1:09.9; 2. Hemery (Boston U) 1:10.1; 3. Bruckler (Cornell) 1:10.4; 4. Crothers (EYTC) 1:10.9. 1000, Leps (Tor TC) 2:08.1; 2. Urbina (Geotwn) 2:09.2; 3. G. Germann (SOCC) 2:09.4.

Mile, Bair (Kent St) 4:04.8; 2. Bailey (EYTC) 4:06.1; 3. Brown (NYAC) 4:06.6; 4. H. Germann (SOCC) 4:07.0; 5. Benson (Aus) 4:08.3. 2 Mile, O'Brien (Aus) 8:38.4; 2. Laris (NYAC) 8:38.8; 3. Ellis (Tor OC) 8:41.2; 4. O'Riordan (Ireland) 8:48.4; 5. McCubbins (Okla St) 8:52.4. 45HH, Davenport (Su) 5.4; 2. Coleman (W Salem) nt; 3. Flowers (Tenn) nt.

HJ, Thomas (Boston AA) 7'0"; 2. Albright (unat) 6'10". PV, Bizzarro (Vill) 16'4 $\frac{1}{4}$ "; 2. Kowzun (Balt OC) 15'6"; 3. Curtis (Okla St) 15'6"; 4. Hein (Strid) 15'6". 35 Wt, Backus (NYAC) 64'6 $\frac{1}{4}$ "; 2. Hall (NYAC) 61'9 $\frac{1}{2}$ "; 3. Kavanagh (Bos Col) 58'11 $\frac{1}{4}$ "; 4. Yuen (Conn) 58'6"; 5. Bailey (Cent Conn St) 58'4".

MileR, Baltimore OC 3:17.9 (Skinner, Bernard, Roberts, Lee). 2 MileR, Villanova 7:30.4 (O'Leary 1:54.8. Nation 1:53.4, Hamilton 1:52.4, Patrick 1:49.5); 2. Fordham 7:31.2; 3. Manhattan 7:37.6; 4. US Army 7:40.6.

Two World Marks Topple, One Tied

Albuquerque, N.M., Jan. 28--Despite a painful muscle strain in his back, Bob Seagren inched his world indoor vault standard from 17'1" to 17'2" to pace the action at the Albuquerque Invitational that also saw two running records altered and a series of superlative marks.

The Southern California sophomore, periodically hand-bracing the back a doctor warned him not to strain again during competition, only took five jumps as he cleared 16'0" and 17'2" on his first attempts before failing in what he called three hurried tries at a height of 17'7 $\frac{3}{4}$ " which would have also destroyed the outdoor mark of 17'6 $\frac{1}{4}$ ".

Seagren, who became the first indoor 17-foot vaulter with a 17'1 $\frac{1}{4}$ " mark in last year's AAU championships in this same Tingley Hall, had little to say. "I just want to say that I'm thrilled about it, and I'm also very tired. The doctor didn't think I should do any serious jumping for awhile and that I should lay off. But I'm going to compete next Saturday in San Diego."

Theron Lewis flashed around Albuquerque's fire-engine red, slightly larger than normal 10-lap-to-the-mile track to tab the 440 world indoor mark with a 47.1 clocking to take Jim Kemp whose 47.3 equalled Wendell Mottley's global record set last year on a large eight-lap-to-the-mile track. Lewis' mark murdered the previous nine to 11 lap-to-the-mile track record which he owned at 47.8. The easy-banked track also enabled Ronnie Crawford, a soph at Abilene Christian, and Bill Calhoun, a senior at Oklahoma, to post life-time bests of 47.8 and 48.1.

Lewis was also tired after his record breaking feat, commenting, "I found it hard getting my wind back. But I think this is my greatest record." He was obviously referring to Albuquerque's 5300-foot altitude.

Newly-wed Jim Hines of Texas Southern posted his third record equalling 60-yard dash time of 5.9 in a trial before winning the "official" final from George Anderson in 6.0. Hines had twice recorded record matching times the week before in the NAIA title meet, and claimed he was aiming for a 5.8 on this track. The first runoff in the final had Anderson first and Hines second but the race was run over following a protest by Hines and Billy Gaines that there had been

a false start. The final, final yielded 6.0 times for the first four finishers as Anderson, Gaines and Wayne Long of Oklahoma trailed Hines to the tape.

All the field events produced quality winning marks and splendid depth. Perhaps the most notable achievement was Dave Maggard's 64'¼" which moved him into sixth place on the all-time world indoor list a quarter of an inch ahead of Parry O'Brien. The 1962 graduate of California whose best as a senior was a modest 59'8¾" improved his previous best--indoors or out--of 63'¾" set in this arena last season by nearly a foot. The Santa Clara Valley Youth Village member has improved every meet out this year from his beginning of 61'5¾"--a best-ever beginning. In successive weeks he went 62'1" and 62'11½" before unleashing his explosion here. Jon Cole put 60'6" for second.

Not to be slighted was the sterling effort of high school senior Jerry Proctor who became the first 26-foot prep leaper in history on his initial jump on the fast Fastrac runway. He went 26'1" on his first try and followed with his best of 26'2" which topped his own indoor mark set the previous weekend in Los Angeles at 25'10½". Both marks, of course, exceed the national high school outdoor mark of 25'8¾" held by another Californian, Doyle Steel.

The 17-year-old from Muir High in Pasadena, Calif., was full of confidence following his feat. "I am going to get the outdoor world mark at the first meet we have." Proctor, who has jumped over 27-feet twice in practice, has a long-range goal of 30-feet. He has more than doubled his best in less than five years, having leaped only 12'11" in 1962.

Proctor responded to a tough field of competitors. Bill Miller went 26'½" for second, to head Gayle Hopkins (25'9¼"), recent Texas Western transfer Bob Beamon (25'8¼") and Clarence Robinson (24'4¼").

Art Walker, who has taken a liking to rubberized runways, chalked up a creditable 53'5¾" in the triple jump--his worst effort in three outings this winter but superior to any mark ever recorded indoors by an American citizen. Charlie Craig also continued his strong indoor campaign with a 51'5¼" for second, ahead of Robinson's 51'¼". The high jump found consistent 7-footer John Hartfield of Texas Southern whipping over the bar at 7'¼" to top the 6'10" mark earned by resurging Lew Hoyt and Ron Tull of Oklahoma.

The relays were fast. The 49ers raced to the second fastest indoor two-mile clocking of 7:25.6, which set a nine to 11 lap track record but missed the 7:24.6 set by Villanova in 1964 on Louisville's large eight lap track. The swift time was aided by a 1:49.2 leg by Tom Von Ruden, whose time ranks among the top five fastest ever run. The mile relay brought four teams home between 3:15.3 and 3:16.8 for the fastest mass finish in indoor annals. Abilene Christian hit the tape first in 3:15.3, ahead of the New Mexico Track Club (3:16.0), Texas Western Track Club (3:16.5) and 49ers (3:16.8). No splits other than Von Ruden's were available for either relay at press time.

60, Hines (Tex So) 6.0; 2. Anderson (unat) 6.0; 3. Gaines (Clearview, Mullica Hill, NJ HS) 6.0; 4. W. Long (Okla) 6.0. Heats: Hines 5.9 EWIR. 440, Lewis (unat) 47.1 WIR; 2. Kemp (49ers) 47.3; 3. Crawford (ACC) 47.8; 4. Calhoun (Okla) 48.1. 880, Nelson (Strid) 1:54.1; 2. J. Perry (49ers) 1:54.5... 4. Myton (Phoenix JC) 1:56.8.

Mile, Duggan (Hancock JC) 4:08.2; 2. Romo (Strid) 4:09.2. 2Mile, Scott (NMTC) 8:57.8; 2. Pearce (Tex Wes TC) 8:59.0; 3. Young (Ariz TC) 9:11.6. 60HH, Otzoo (It) 7.1; 2. Hicks (Tex So) 7.2; 3. Bristol (Tex So) 7.3.

HJ, Hartfield (Tex So) 7'¼"; 2. Hoyt (Strid) 6'10"; 3. Tull (Okla) 6'10". PV, Seagren (So Cal) 17'2" WIR; 2. Chase (SCVYV) 16'0"; 3. Steinhoff (Kans) 15'6"; 4. tie, Rogers (Colo) and Heglar (Pas CC) 15'6". LJ, Proctor (Muir, Pasadena, Calif HS) 26'2"; 2. Miller (McMurry TC) 26'½"; 3. Hopkins (PAA) 25'9¼"; 4. Beamon (Tex Wes TC) 25'8¼"; 5. C. Robinson (NMTC) 24'4¼". TJ, Walker (Strid) 53'5¾"; 2. Craig (49ers) 51'5¼"; 3. C. Robinson 51'¼"; 4. Baxter (NMTC) 50'7¾"; 5. Beamon (Tex Wes TC) 49'7¾". SP, Maggard (SCVYV) 64'¼"; 2. Cole (49ers) 60'6"; 3. Kennedy (Athens) 56'7¾".

MileR, ACC 3:15.3 (Fox, Knapp, Crawford, Dunn); 2. New Mexico TC 3:16.0; 3. Texas Western TC 3:16.5; 4. 49ers TC 3:16.8. 2MileR, 49ers 7:25.6; 2. Texas Southern 7:40.4.

Indoor News

SENIOR BOWL, Mobile, Ala., Dec. 22 (c)--(results not reported previously) 500, Adkins (Ala) 56.1; 2. Dougherty (LSU) 57.6. 600, McGrady (Cent Ohio St) 1:09.3; 2. Lewis (unat) 1:09.7. Mile, 2. Von Ruden (49ers) 4:05.0; 2. H. Germann (SOCC) 4:06.0. 2Mile, 2. Lawson (Jayhawk TC) 8:49.0; 3. Hunt (Miss St) 8:52.8; 4. Storey (Tenn) 8:54.2. MileR, 2. Southern 3:17.7. 880, Gebhard (Fla) 1:53.4.

HOLIDAY, Chicago, Ill., Dec. 23 (d)--(results not reported previously) SP, Harvey (Mich) 57'5¾". 2Mile, Bailey (EYTC) 9:00.0. 220t, Randolph (Wn Mich Fr) 21.8.

SASKATOON K OF C, Saskatoon, Saskatchewan, Can., Dec. 28-29 (a)--(results not reported previously) 880, VanDyk (Ore) 1:53.2; 2. J. Perry (49ers) 1:53.3; 3. Crothers (EYTC) 1:54.8. PV, Seagren (So Cal) 17'1" WR; 2. Fosdick (So Cal) 15'6".

NAVY 72½, NYU 37½, FORDHAM 27, Annapolis, Md., Jan. 7 (d)--1000, Gruark (F) 2:10.9. 2MR, Fordham 7:34.8 (May, Hernow, Gruark, Gath).

BOSTON U 61, BATES 52, Lewiston, Me., Jan. 7--45HH, Hemery (BU) 5.7.

MET AAU, New York City, Jan. 11--LJ, Beamon (PPC) 24'4¾"; 2. Mays (GSB) 24'2¼". 35Wt, Backus (NYAC) 61'2½"; 2. Doernberger (NYAC) 59'0".

MARYLAND 53, NAVY 47, Annapolis, Md., Jan. 14 (d)--Mile, Lawlor (N) 4:07.8. 600, Kiffer (N) 1:11.3. MileR, Maryland 3:16.4.

ARMY 66, NYU 37, ST JOHN'S 34, West Point, N.Y. (e)--SP, Allen (SJ) 57'2". MileR, NYU 3:18.9 (Manzon, Becker, Jordan, Callwell).

ALL-COMERS, Knoxville, Tenn., Jan. 15--HJ, Kremser (KTC) 6'8¾".

LUBBOCK INVITATIONAL, Lubbock, Tex., Jan. 14 (a)--60HH, Boston (Strid) 7.0; 2. Smith (N Tex St) 7.1. 60, Matison (NM) 6.1. Heats: W. Long (Okla) 6.1; Jackson (Okla) 6.1.

EASTERN MICHIGAN 102, MC MASTER 39, WAYNE STATE 21, Ypsilanti, Mich., Jan. 14 (e, Grasstex)--600, Stephenson (EM) 1:10.7; Williams (EM) 1:11.1

PRINCETON 69, FORDHAM 40, Lawrenceville, N.J., Jan. 11 (c)--1000, Endrikat (P) 2:09.6; 2. Hernon (F) 2:09.8; 3. Groark (F) 2:10.3. 2MR, Fordham 7:39.0 (May, Fath, Groark, Hernon).

KANSAS VARSITY 107, FROSH 17, Lawrence, Kans., Jan. 11 (d)--Mile, Ryun (V) 4:06.8. 880, Ryun 1:54.1. PV, Steinhoff (V) 15'6". LJ, Ard (V) 24'3¾".

KENT STATE 58, PITT 42, Pittsburgh, Pa., Jan. 21 (d)--Mile, Bair (K) 4:07.6. 60, Richburg (K) 6.1.

NAVY 83½, PENN STATE 25½, Annapolis, Md., Jan. 21 (d)--1000, Knode (N) 2:10.4. 2Mile, Dare (N) 8:57.4. MileR, Navy 3:18.2 (Bartlett, Cosgrove, Payne, Kiffer 48.7).

National News

POLAR BEAR RACES, Los Altos Hills, Calif., Jan. 28--(raining) 10,000, Miller (unat) 29:50.4 (28:53.8 six-mile enroute).

ALL-COMERS, Long Beach, Calif., Jan. 14--DT, Ordway (49ers) 176'8". HT, Frenn (49ers) 201'7". JT, Nelson (Long Beach St) 237'2" 35Wt, Frenn 68'9" (unofficial).

Foreign News

MELBOURNE, AUSTRALIA, Jan. 7--DT, Selvey 191'6". Mile, Clarke 4:04.4 (second 880 under 1:56); 2. O'Brien 4:05.2.

MELBOURNE, Jan. 14--Mile, Clarke 4:07.0.

PAJULAHTI, FINLAND, Jan. 14--PV, Mustakari 16'9½" EIR; 2. Alarotu 16'3".

KARLSKRONA, SWEDEN, Jan. 18--HJ, Jonsson 6'10¼".

WEST BERLIN, HJ, Spielvogel 7'¼".

PERTH, AUSTRALIA, TJ, May 52'10"w.

MELBOURNE, Jan. 21--LJ, Crawley 25'6¾".

BRISBANE, AUSTRALIA, Jan. 22--200, Laing 20.9w.

MOSCOW, 60mHH, Chistyakov 7.7 EWR. TJ, Zolotaryev 53'6¾".

Javelin

A javelin must weigh a minimum of 800 grams (1 lb., 12¼ oz.) and consist of three parts: a pointed metal head; a shaft; and a cord grip. The shaft may be constructed of either wood or metal. The complete javelin measures between 8'6½" and 8'10¼" in length.

Javelin Throwing

The javelin is thrown following a running approach. It must be thrown over the shoulder or upper part of the throwing arm and must not be slung or hurled. At no time after preparing to throw until the javelin has been discharged into the air may the competitor turn completely around, so that his back is towards the throwing arc. (This rule was introduced when in 1956, a Spanish athlete achieved phenomenal distances by spinning round with the javelin in the manner of a discus thrower). A throw is not valid unless the point strikes the ground before any part of the shaft, but it need not necessarily stick.

(Reprinted from Melvyn Watman's Encyclopedia of Athletics)

Santee Comments on Ryun

by Sid Ziff
(reprinted from Los Angeles Times)

Remember when four minutes was the sound barrier in the mile? It's all in the Dark Ages now. Jim Ryun, a Kansas schoolboy, began rewriting the record book as a teenager. At 17, he became the first high school boy to run under four-minutes. At 18, he ran 3:55.3. Last July 17, at 19, he set the existing record of 3:51.3.

Why is he so fantastic? What differentiates him from the flock? Can he keep on improving?

For the answers, let us go to Wes Santee, a fellow Kansan, who was the fastest American of the mid-50's. Santee ran a 4:00.4 mile when people thought that was the greatest thing since short skirts.

"Ryun has it all within his reach," says Santee. "He is rather conceited but confident because he has done the job. He's like the Green Bay Packers in the Super Bowl. I see him running 3:46 or 3:47 without any trouble. He is capable of it physically. If you were to go to the drawing board and sketch the conformation of the perfect miler he would be nearest to perfection. He has size, strength, weight and exceptionally powerful thighs. He is potent with power.

"But he still doesn't have everything. And let me put it this way. He is a terrific young man, a wonderful boy, and he is becoming a little more aggressive. But he must become a lot more aggressive. You can be too nice a guy in athletics.

"On the field of battle, Ryun must become more aggressive. Maybe he wasn't quite born with it. As a boy he wasn't subject to any pressures. But you have to have that chemistry to be ready when the battle gets close.

"As of now, it doesn't really matter because there isn't anyone close to Ryun. And I don't see anybody coming up. But he is bound to get beat sometime. Nobody can win them all. He'll need that aggressiveness to delay the day."

How does Santee account for the stunning achievements of young Ryun?

"The main thing is the double workout," said Santee. "When I was running we worked 40 to 50 miles a week. He is getting 80 to 100 miles. The double workout means he works out twice a day. Before breakfast, he will run a cross country for endurance. Then, in the afternoon after classes, he will do a cross country for warm-up and go through a series of repetitious workouts: That is, he will run, jog and walk through 20 quarter-miles, where we used to do eight of 10."

The double workout is not entirely new, according to Santee.

"Bill Easton, our coach at Kansas, introduced it when I was a sophomore," he said. "We did it for two weeks and then the whole team except one man flopped in the National AAU cross country. We were all discouraged and Easton dropped the program. I am sure now had we kept it up for four months I would have run under four minutes instead of 4:10.1 at that time.

"This type of workout is worth about 10 seconds. John Lawson, who would have been a 4:10 miler in my day, has run 4:01 many times. Conrad Nightingale has run 4:01. I'd have outrun him without any sweat.

"Ryun was at least four or five seconds faster than me without any difference in training. He is 6'2", 155 to 160 pounds, and has the most powerful thighs since Emil Zatopek."

But Santee believes Ryun will have to set all his records during his collegiate career.

"He has the desire now and as long as he can maintain it he will keep getting better. I think with little effort he will be able to run a 3:50.0 mile any afternoon. The problem is, he has already conquered the world as a teenager. What has he got to look forward to? From now on other things may look more important to him.

"He will be thinking of graduation and what he will do when he is out of school. He'll begin to think of marriage. He'll be facing all sorts of social and economic pressures.

"If he can sustain a burning desire to improve at track there is no telling how fast he will run. But I am afraid the desire will cool. I think he has to make his moves in college and will not run any faster after college."

Santee firmly believes the average athlete today does not reach maturity until he is at least 27 and if Ryun can maintain interest he will reach his peak about then.

Santee lost his amateur status in a celebrated expense-account showdown with the AAU. He was what you would call a scape-goat. Wes took it hard for a time because his case was no different from others.

Wes put in his military service as a marine lieutenant and then launched a business career in Kansas. In many ways it has been as meteoric as Ryun's running career.

Now, he says kiddingly, that the AAU almost made him a millionaire by ending his career.

"I might have gone on and become an athletic bum. The decision forced me to re-arrange my thinking. It turned out to be a very fortunate thing for me. I don't have the million yet but I'm getting close."

Santee said he owns 44 apartment units in three different buildings from which he is getting a very nice revenue. He has 40 acres of undeveloped land outside of Lawrence which has a big potential value. He is a representative of Occidental Life, has his own agency, employs two full-time secretaries and five part-time insurance agents.

He was recently honored among the great athletes of the 50's at a national banquet in Washington, D.C.

And, oh yes, he thinks even Ryun will run 10 seconds slower in the Olympic Games at Mexico City.

Russian Expert Views Soviet Runners

by Anatoly Abdullayev
Editor-in-Chief, Lyokhkaya Atletika
(courtesy Novosti Press Agency, Moscow)

Of the 60 men's events down in the world athletics records table, 48 are running events.

In this table we find only one record set up by Soviet runners: a relay team, consisting of Alexander Ustyantsev, Remir Mitrofanov, Vadim Mikhailov and Oleg Raiko, established a new world high in Britain in the 4x880 yards. This is not a classical event by far. As for Olympic events, none of the record-holders are from the USSR.

This means that there have also been no victories for us in athletics. Everyone knows that, due to setbacks on the track, the Soviet international has suffered several telling defeats in recent times. Our country did not gain any gold medals in the Tokyo Olympic track events. Another failure came in the 1966 European championships: the win by Viktor Kudinskiy in the steeplechase and third place by Leonid Mikityenko are of little consolation.

What's wrong? At one time the Soviet Union had Olympic and European champions and prize winners in running. I turned to top-flight experts to find an answer to this question.

The first chap I approached was Honored Master of Sport Leonid Bartenyev, the nation's leading sprinter in his time and now grooming sprinters on the present international squad.

"We, unquestionably, have capable sprinters," Bartenyev declared, "and the best fellows are in the international aggregation. Edvin Ozolin, Gusman Kosanov, Amin Tuyakov, Nikolay Politiko and Nikolay Ivanov are all able to return 10.2 seconds in the century dash of any competition. But their trouble is that they appear so seldom in international meetings. If our leading sprinters could match their ability with the top men of other countries 10-12 times in the course of the season, they would sooner acquire stability in their performances. As for the training methods used in our international squad, they, in general, are correct, in my opinion," Bartenyev said in conclusion.

I beg to differ with him. At home our best sprinters--eight or ten of them and not one or two--repeatedly clock 10.2-10.3 seconds in the 100-meters throughout the season. If they would have shown this time in the Budapest continental championships this year, they would have finished among the prize winners, and possibly, emerge as champions: the winner in Budapest, Wieslaw Maniak, showed a time of 10.5 seconds. The same can be said about the 200 meter sprint.

The national record in the 400-meters, equalling 46-seconds and set up by Ardalion Ignatyev, has remained unbroken for the past dozen years. During this period, it was seriously challenged only twice, by Vadim Arkhipchuk (evidently, his bid has ended), and by Boris Savchuk, who bettered the world mark in the 300-meters this winter. Earlier, in the fall, Vadim lapped the Kiev track in 46.3 seconds, but the European championships, sandwiched between these events, saw Savchuk fail to qualify for the finals.

All our sprinters, except Ivanov and Lebedev, took part in a fairly high number of international meetings and had adequate knowledge of the abilities and chances of their rivals. Therefore, I don't think that the trouble lies in the small number of competitions, as Bartenyev claims.

The middle-distance running picture is briefly as follows: the 1966 European champion negotiated 800-meters in 1:45.9. The eighth-place man showed 1:47.9, whereas the USSR record stands at 1:46.9. There were no Soviet challengers in the 800-meter finals in Budapest.

Switching over to the 1500-meters, Bodo Tummler of West
(Continued on page 64)



ALL PHOTOS BY STEVE MURDOCK

At the Athens Invitational in Oakland, Calif., Jan. 15 there was tie for first in the 500 between BOB FREY, second in the 500 in 58.1; JIM KEMP, first in the 500 in 58.1; and JERE VANDYK anchors Oregon to first in the two-mile relay in 7:58.4. In the 600, JIM EVANS of San Jose State wins the 600 in 1:10.9 as JACK YERMAN of Oregon is 1:11.3 behind Ron Whitney; TOM VON RUDEN, who won the 1000 in 2:13.5, leads MIKE CRUNICIAN of Oregon. In the bottom row, from left to the All-American Games in San Francisco, on Jan. 7, where tie for first in the 1000: PRESTON DAVIS leads TERRY THOMPSON before losing to JIM EVANS, 2:13.5 for 1000-yards; early action in the same race shows ARND KRUGER ahead of San Diego State's RICK HERRMANN before the 1000, respectively, in 2:19.4 and 2:15.1. Back at the Athens Invitational, EVANS leads LARRY HENGL of Cal, who was fourth in the 600 in 1:11.3, Oregon's WADE BELL, who failed to finish, leads Washington's BERTS (5th in 4:15.3), DAVE SIRL (3rd in 4:12.2) and RICH ROY (4th in 4:12.2).





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Soviet Runners (Continued from page 61)

Germany covered the distance in the Hungarian capital in 3:41.9. The Soviet record, belonging to Oleg Raiko, equals 3:38.7, and Mart Vilt, another Soviet middle-distance man, has also been clocked in less than 3:40. But again there were no Soviet qualifiers in the Budapest 1500-meter finals.

The floor is now given to Honored Trainer of the USSR Sergei Vakurov, a veteran, who has been grooming middle-distance runners of the USSR international for many years.

"A good middle-distance man has to be groomed from an early age, and the load and intensity of practice should grow evenly and steadily. None of our middle-distance fellows started running at the age of 10-12, whereas it is my deep conviction that this is when a runner begins to shape up. A trainer should find the correct form and amount of practice for his pupil from the very start and to single out, among dozens of juvenile enthusiasts of athletics, those who can grow up to become world-class performers."

"As a rule," Vakurov goes on to say, "capable middle-distance runners are put in charge of the Soviet international coaches much too late. The case of Valeriy Bulishev, holder of the national record in the 800-meters, and the only Soviet middle-distance man to earn a silver medal in the European championships, is a typical example. Valeriy was a boxer before he, already in his twenties, was accidentally spotted as a promising challenger in a mass-scale cross country race for industrial school trainees. Had he been 'discovered' earlier, Valeriy would have undoubtedly become a world star runner. I feel absolutely sure that our country has future Snells. We only should know how to look around for them and then carefully build them up into world-class runners."

"What Vakurov has just said goes for the long-distance men, too," Nikolay Pudov takes up the discussion from this point. A bronze medalist in the 1958 continental championships, he now trains the long-distance runners on the international team. "I can cite two examples, Vladimir Kuts and Pyotr Bolotnikov, who made their debut in running only when they began serving in the Armed Forces. Or take the case of Nikolay Dutov. He was a skier before having his first crack at long-distance running at the age of 20.

"I know that some people will claim," Pudov continues, "that Ron Clarke and quite a few more stars in other countries also made a late start in their running careers, but I'm convinced that an earlier start would also have meant still better running times for them."

I agree 100 per cent with the reasoning of Vakurov and Pudov. Indeed, an efficient system of selection and training of junior-age runners has evaporated in our country in recent times. That is why we are suffering one defeat after another in big-time athletics.

What does the future hold out? I believe that we can look forward to it optimistically. For one reason, starting with the new year, experienced trainers will take up the task of coaching juniors in 46 specialized athletics schools, with 500 to 600 pupils in each.

A Statistical Study of 400/440 Sprinters

by Peter Matthews

The 440 is perhaps the greatest test of athletic ability of all the standard events, calling as it does for sustained speed.

It is of interest that there have been many outstanding men in this event, but rarely has one man dominated, as has so often happened in other events.

Sticking my neck out, I submit the following list of the all-time greats in chronological order: Ben Eastman (US), Bill Carr (US), Archie Williams (US), Rudolf Harbig (Ger), Grover Klemmer

	46.0	Avg	Robbie Brightwell (GB)
	Best or less	5 Best	
Adolph Plummer (US)	44.6	8	45.42
Wendell Mottley (Trin)	44.7'	14	45.32
Otis Davis (US)	44.9	14	45.50
Carl Kaufmann (WG)	44.9	7	45.48
Mike Larrabee (US)	44.9	10	45.46
Theron Lewis	44.9'	7	45.52
Ulis Williams (US)	45.0	22	45.32
Lou Jones (US)	45.2	3	45.86
Lee Evans (US)	45.2	9	45.56
Tommie Smith (US)	45.3	4	45.56
Glenn Davis (US)	45.4'	8	45.50
Henry Carr (US)	45.4	2	-
Jim Lea (US)	45.5'	5	45.70
Eddie Southern (US)	45.5'	7	45.66
Malcolm Spence (SA)	45.5	7	45.72
Milkha Singh (India)	45.6	5	45.86

45.6'	7	45.76	Manfred Kinder (WG)	45.8	5	45.92
45.6	8	45.78	Jim Kemp (US)	45.8'	8	45.86
45.6	9	45.72	Charles Carlson (US)	45.9	3	46.06
45.6'	2	45.96	Ray Saddler (US)	45.9'	4	46.00
45.7'	9	45.86	Dwight Middleton (US)	45.9'	4	46.02
45.7	3	46.08	Dave Archibald (US)	46.0'	4	46.02
45.7'	6	45.84				
45.7	5	45.84				
45.7	2	46.00				
45.7	1	46.20				
45.7'	6	45.82				
45.7'	5	45.86				
45.7	3	45.96				
45.7	1	-				

Others with 3 or more performances under/ or 46.0:
George Rhoden (Jam) 45.8 4 45.98

This is not a bad foundation at all for the training of future Olympic performers. Another reason for an optimistic outlook is that training of already budding Olympians will be launched simultaneously in 80 different cities of our country. The overwhelming majority of these trainees are runners. Lastly, our trainers were able in 1966 to watch, for the first time, our young runners in the national junior championships (this fixture will now alternate with the USSR School Games). In all probability, the Soviet international squad will acquire strong runners by the time of the 1972 Olympics.

But what about the Mexico City Olympic Games in 1968? Experience taught our coaches to think twice before answering this question. They gave me no answer, but I think that we can count on several Olympic medals in the running events. Our 4x100m relay team is traditionally strong, and we can expect an equally strong bid for gold medals by Leonid Mikityenko and Anatoliy Makarov in the long-distance events and by Viktor Kudinsky and Anatoliy Kuryan in the steeplechase. I also won't be surprised if, in the time left before the start of the Mexico City Olympics, we become acquainted with runners who will be able to cope with any opposition in high-altitude conditions. But it is necessary right now to prepare for the mammoth Mexico City gathering.

The claims laid by the leading trainers, whom I interviewed, to the sports clubs and bodies are fair, in my opinion. These clubs and bodies often put their own interests above those of the USSR international team. The many competitions they stage make our top-flight performers stale when the biggest international fixtures come up. As I mentioned before, a clear-cut schedule of training and competition is still lacking.

These are all purely domestic problems, but I have mentioned them to show what is agitating the minds of the leaders of the international aggregation and the men in the USSR Athletics Federation.

The people on whom the organization and training of the USSR team depend now realize what their job is. They are aware of the faults and have already taken steps to remedy them. That is why I am sure that the glory of the Soviet school of running, which faded in Tokyo and Budapest, will be revived, and will lead to greater success of athletics, in general.

NCAA Championships

The following feature indicates the number of NCAA team championships won by schools in all NCAA title meets (1921-1966). $\frac{1}{2}$ =co-championship.

Southern California	22½	Indiana	1
Illinois	5	Louisiana State	1
Stanford	3	Michigan	1
Oregon	2½	Minnesota	1
Kansas	2	Navy	1
UCLA	2	Ohio State	1
California	1	Villanova	1

(US), Herb McKenley (Jam), George Rhoden (Jam), Glenn Davis (US), Carl Kaufmann (WG), Otis Davis (US), Mike Larrabee (US), Ulis Williams (US), Henry Carr (US), Wendell Mottley (Trin), Tommie Smith (US) and Lee Evans (US).

The greatest of all, lies in my opinion between three men who have never won an Olympic title: McKenley, Henry Carr and Smith. Perhaps Tommie Smith will answer this question more definitely this season.

'=440y time less 0.3 sec.

There are 38 more athletes with times in this category with 43 performances, making 279 performances in all in 46.0 or less. The distribution by years is: 1939--1; 1941--1; 1946--1; 1947--2; 1948--3; 1950--4; 1951--1; 1952--2; 1953--1; 1955--3; 1956--8; 1957--1; 1958--17; 1959--10; 1960--43; 1961--15; 1962--22; 1963--23; 1964--42; 1965--30; 1966--49.