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Tracy, Tommie Smith in Exciting Wins in AAU

by Cordner Nelson

Oakland, Calif., Mar. 3-4--Only three meet records fell in the 79th national AAU indoor championships, but lively competition excited a two-day crowd of 13,823 in the new Oakland Coliseum Arena. Five defending champions were successful as the Southern California Striders defended their team title over the 49er Track Club, 33 to 32.

Blond Tracy Smith, first American three-miler to finish in last year's meet, won the outstanding performer award this year with a powerful three-mile victory in world indoor record time of 13:16.2. Smith trailed Oscar Moore by as much as 25 yards around the two-mile mark after Moore had spread-eagled a strong field in 8:52.4. Smith closed the gap to five yards with three laps to go, then won by 40 yards with his last 880 in 2:05.7. The old indoor record was 13:18.4 by Ron Clarke. Van Nelson gained 40 yards on Moore in the last half mile to record the fourth best indoor mark ever. All ten finishers set personal records. The others had to leave the track when they were lapped.

Lanky Bob Beamon, a recent transfer to the building powerhouse at Texas Western, astonished everyone with a long jump of 26'11½", an American indoor record and only half an inch behind Ter-Ovanesyan's world mark. Beamon, a 9.5 sprinter, looked extremely fast and well coordinated on his one great jump. His only other mark was 24'3", although he fouled one of 26'2". He passed his last two. Ralph Boston, who spends much of his time encouraging other jumpers, came through with 26'7½" on his last jump, better than his former US record.

The other meet record was Bob Seagren's vault of 17'¾", half an inch higher than his 1966 mark, then a world record. Seagren, who again lost his poles, reported late and missed his first vault at 16'0". He missed once again at 16'6" and twice at 17'¾". With only one chance left, he found himself in third place behind veteran Jeff Chase and Oregon State's Dennis Phillips. Seagren cleared 17'¾" with inches to spare, then tried 17'7". He hit the bar with his knees on his first vault, with his thighs on the second, and with his waist on the third.

Art Walker repeated his triple jump victory of 1966, when the event was only an exhibition. This time he had trouble with fouls on two long jumps. Once his heels cut into the sand over 55-feet but he sat back. The early lead changed hands several times before Walker took charge on his fourth jump.

The 60-yard dash was exciting as four men were timed in 6-flat in the final, and George Anderson, who won the first heat in 6.0, was only fifth. Jim Hines led at 20 yards, about two inches ahead of defending champion Bill Gaines. Bobby Brown, a high-tail starter, did not get his lightning start in the final but his speedy pickup pulled him past Anderson and almost even with Gaines at 20 yards. Gaines, wearing shoes borrowed from Wyomia Tyus, caught the judges' eyes to win again. Olympic medalist Harry Jerome of Canada, off slowly because of a jump called against him and Larry Dunn, closed to fourth place.

Willie Davenport, defending his high hurdles title, trailed Richmond Flowers by six inches at the first hurdle, then pulled a way to win handily in 7.0 while the five other finalists clocked 7.1. Flowers knocked over his last three hurdles to lose second to Don Shy.

Only other successful title defender was the 49er Track Club in the two-mile relay. They barely held off four indoor specialists from the New York AC in the mediocre time of 7:36.9.

Greatest crowd pleaser was the final event on the program, the mile relay. Jim Kemp put the 49ers 15 yards ahead of the Baltimore Olympic Club, with San Jose another four yards back. Kent Bernard put BOC back into the race on the second leg, handing off only three yards back. San Jose looked to be 30 yards behind, but they still had Lee Evans and Tommie Smith.

Evans made up almost 15 yards in the first 220, then hung on in a real test of courage. Smith was off about 15 yards behind the 49ers' Dave Crook and 12 behind BOC's Ed Roberts. Smith sped

smoothly around the 160-yard track, catching them in a lap and a half as the crowd went wild. In the next half lap, Smith forged into a two-foot lead, but he was in the second lane. Very tired, he held his lead around the turn and down the stretch to win by two feet over BOC and three feet over the 49ers. His 440 was timed in 46.5. (Times in this event are open to question since they do not equate to observed distance between runners at the handoffs.)

Another thriller was the mile run. With defending champ Jim Grelle still so weak from the flu that he withdrew from the race on Wednesday and only to reenter on Saturday, it was wide open. BYU freshman Tim Danielson led through quarters of 59.2 and 2:00.6. With the pace slowing, Rich Romo took over the lead at three quarters in 3:04, followed by Danielson, Grelle, tiny Sam Bair of Kent State, and Harry McCalla. Bair moved quickly to second and Danielson faded. Romo led to the home stretch but he swung wide allowing Bair to shoot out of a box a-la-Farrell. Grelle went past Romo on the outside and barely missed catching Bair as both clocked 4:03.2.

One of the best competitions ever was the high jump. John Rambo did not jump until 6'10", clearing on his first attempt to take the lead. Otis Burrell, who was snowbound in Nevada and almost missed the meet, arrived late and took no warmup jumps and no visible warmup except for some ankle-limbering movements. His first jump of the evening was at 7-feet and he cleared it.

Rambo countered by passing at 7-feet and so he was fifth when jumping began at 7'1". John Hartfield cleared 7'1" on his first attempt, as did Rambo. Defending champ John Thomas went out and so did John Dobroth. Burrell passed. At 7'2", Hartfield missed badly three times. Rambo, leading the event with only two attempts was in a dilemma. If he and Burrell both cleared 7'2" equally, Burrell would be ahead on fewer attempts. Rambo passed. Then Burrell missed badly three times and Rambo was the winner, even though he tried 7'¾" three times without success.

In the 600, Jim Kemp fought off Theron Lewis on the first turn, running the first 160 in 17.3. Then he slowed the pace to 19.9 while balding 28-year-old Jack Yerman moved to second and tiny Tom Farrell trailed. Kemp passed the 440 in 52.2 and the order remained unchanged at three laps. On the backstretch Kemp ran away from the others to win in 1:10.6 while Farrell pulled up on Lewis. Around the last turn, Farrell shot past Lewis on the inside and barely caught Yerman at the finish. Farrell and Yerman ran 1:11.4 with Lewis at 1:11.6.

The 1000 was another gun to tape victory, for Preston Davis. He passed the 440 in 57.4 and the 880 in 1:54.6 on his way to a fair 2:09.4 victory. Defending champion Ted Nelson trailed at first and moved up to second on the last lap. Terry Thompson, who transferred from Missouri to Oregon State to be near his commercial fishing boat, was in trouble all the way. Full of run, he was banged back to fifth at the start. Unwilling to run wide, he was forced to break his stride half a dozen times on the turns. He almost caught Nelson at the finish. American record holder Tom Von Ruden suffered from the flu.

In the shot put, George Woods of Southern Illinois showed the potential, as he became the fourth best of all-time. All of his puts were better than the second place 61'10½" of Dave Maggard, who came out of the hospital on Wednesday after a serious virus infection. Woods barely fouled on one put of 65'6".

Ed Burke won the 35-pound weight throw at Berkeley's Edwards Field. His 69'2" was an outdoor best and half a foot better than George Frenn, who posted a 72'9" exhibition mark recently.

In the sprint medley relay, the race was broken wide open on the shortest leg. Larry Dunn took over a five-yard lead from Ron Whitney and more than doubled it in 9.5 seconds. Bob Frey gained some more yardage and decathlon champion Bill Toomey held the lead on the 300-yard leg. The Striders missed the world indoor record of 1:51.3 by only three-tenths.

The mile walk was exciting although the various leaning and floating forms might have been subject to more criticism. Ron Daniel of the NYAC, with one infraction already against him, edged one foot past Don DeNoon with 15 yards to go, but he was waved out.

The meet started out with a dull thud on Friday afternoon

when all the men's heats were cancelled because of scratches. Only five men showed up for the mile, seven for the 1000, eight for the 600, and only two heats were necessary in the 60. Absence of most college athletes made this something less than representative of national strength.

60, Gaines (Clearview HS, Mullica Hill, NJ) 6.0; 2. Hines (Tex So) 6.0; 3. Brown (Ark AM&N/Fr) 6.0; 4. Jerome (Can) 6.0; 5. Anderson (unat) 6.1; 6. Dunn (Strid) 6.1. Heats: I-1. Anderson 6.0; 2. Dunn 6.1; 3. Hines 6.1; 4. Hunter (El Paso TC) 6.1; 5. McNeil (49ers) 6.2; 6. Goldston (UCTC) 6.2. II-1. Brown 6.1; 2. Jerome 6.2; 3. Gaines 6.2; 4. Flowers (Tenn) 6.2; 5. Dugan (PAA) 6.2.

600, Kemp (49ers) 1:10.6; 2. Farrell (NYAC) 1:11.4; 3. Yerman (SCVYV) 1:11.4; 4. Lewis (unat) 1:11.6. Heats: I-1. Lewis 1:12.1; 2. Farrell 1:12.3; 3. Pancoast (Ore St) 1:12.5; 4. Tuominen (BYU/Fr) 1:12.6. II-1. Kemp 1:11.4; 2. Yerman 1:11.7; 3. Whitney (Strid) 1:11.7; 4. Sugden (US Army) 1:13.5; 5. Herrmann (San Diego St) 1:13.7.

1000, Davis (49ers) 2:09.4; 2. Nelson (Strid) 2:09.9; 3. Thompson (Ore St) 2:09.9; 4. Kelly (Tenn) 2:10.4; 5. G. Germann (So Orange Community Center) 2:10.6; 6. H. Germann (SOCC) 2:10.8; 7. Von Ruden (49ers) 2:11.4. No heats.

Mile, Bair (Kent St) 4:03.2; 2. Grelle (Multnomah AC) 4:03.2; 3. Rich Romo (Strid) 4:03.4; 4. McCalla (49ers) 4:05.5; 5. Danielson (BYU/Fr) nt. No heats.

3Mile, Smith (unat) 13:16.2 WIR; 2. Moore (So Ill) 13:22.2; 3. Nelson (St Cloud St) 13:24.0; 4. Graham (GB) 13:26.0; 5. Scott (NM) 13:30.8; 6. Laris (NYAC) 13:32.0; 7. Young (Ariz TC) 13:34.0; 8. Larriue (SMAC) 13:40.0; 9. Pearce (Tex Wn Fr) 13:41.8; 10. Price (Cal) 14:22.8. All lapped athletes after 10th place were eliminated, in this order: Traynor (USAF), Gamez (San Jose St Fr), Lawson (49ers), Fernee (Strid), Moore (Ore TC), Redington (49ers), Miller (unat), Brown (NYAC), Goettelman (LATC).

60HH, Davenport (Sn) 7.0; 2. Shy (San Diego St) 7.1; 3. Flowers (Tenn) 7.1; 4. Coleman (W-Salem) 7.1; 5. Boston (Strid) 7.2; 6. Livers (Athens) 7.2. Heats: I-1. Davenport 7.2; 2. Livers 7.2; 3. Coleman 7.2; 4. Rogers (GSB) 7.3; 5. Gibson (Tex Wn Fr) 7.3; 6. Rockwell (Athens) 7.3. II-1. Flowers 7.1; 2. Shy 7.1; 3. Boston 7.2; 4. Gillette (Strid) 7.4; 5. Wyatt (Athens) 7.4.

HJ, Rambo (49ers) 7'1"; 2. Hartfield (Tex So) 7'1"; 3. Burrell (49ers) 7'0"; 4. Thomas (Bos AA) 7'0"; 5. Dobroth (unat) 7'0"; 6. Albright (Ohio St Fr) 6'10"; 7. Hoyt (Strid) 6'10"; 8. Hines (Athens) 6'8"; 9. Boyce (Stan) 6'8"; 10. tie, Johnson (San Jose St) and Jackson (Laney JC) 6'6"; 12. Zubrinsky (SCVYV) 6'6"; nh--Hanks (BYU).

PV, Seagren (So Cal) 17'2"; 2. Chase (SCVYV) 16'6"; 3. Phillips (Ore St) 16'6"; 4. Martensen (Ariz TC) 16'0"; 5. Hein (Strid) 16'0"; 6. Heglar (PCC) 16'0"; 7. White (Athens) 16'0"; 8. Eshelman (Stan) 15'6"; nh--Scott (Stan).

LJ, Beamon (Tex Wn) 26'11 $\frac{1}{2}$ " AR (F, 26'11 $\frac{1}{2}$ ", F, 24'3", P, P); 2. Boston (Strid) 26'7 $\frac{1}{2}$ " (F, 25'3 $\frac{1}{2}$ ", F, 25'5", 21'7", 26'7 $\frac{1}{2}$ "); 3. Horn (Athens) 25'11 $\frac{3}{4}$ " (24'11", F, 25'2", 25'11 $\frac{3}{4}$ ", 25'10 $\frac{1}{2}$ ", F); 4. Miller (unat) 25'2 $\frac{1}{4}$ "; 5. Pousi (BYU/Fr) 24'9 $\frac{3}{4}$ "; 6. Hopkins (PAA) 24'6" (F, 24'6", F); 7. Proctor (Muir HS, Pasadena, Calif) 24'3" (F, 23'10", 24'3"); 8. Chilton (Knox TC) 24'1"; 9. Vaughn (Stan) 23'9 $\frac{1}{4}$ "; 10. Tate (Seth Weekly) 23'7 $\frac{1}{4}$ "; 11. Clayton (49ers) 23'4 $\frac{1}{2}$ "; fo--Slaughter (USAF), Brown (Ark AM&N Fr).

TJ, Walker (Strid) 52'10 $\frac{1}{2}$ " (F, 51'5 $\frac{1}{4}$ ", F, 52'10 $\frac{1}{2}$ ", 52'2 $\frac{1}{4}$ ", F); 2. Craig (49ers) 52'1 $\frac{1}{2}$ " (50'6 $\frac{3}{4}$ ", 50'10", 52'1 $\frac{1}{2}$ ", 48'9", 51'11 $\frac{3}{4}$ ", 51'11 $\frac{1}{2}$ "); 3. Horn 51'9 $\frac{3}{4}$ "; 4. Beamon 51'8 $\frac{1}{2}$ "; 5. Samuels (49ers) 51'8 $\frac{1}{4}$ "; 6. Mousiades (NYAC) 50'4 $\frac{3}{4}$ "; 7. Pousi 49'7 $\frac{3}{4}$ "; 8. Tucker (San Jose St) 48'7"; 9. Boosey (Nev) 47'8 $\frac{1}{2}$ "; 10. Olmstead (49ers) 47'3"; 11. Fowler (San Jose St) 45'1 $\frac{1}{2}$ ".

SP, Woods (49ers) 63'11 $\frac{1}{4}$ " (62'10 $\frac{1}{4}$ ", F/about 65'6", 63'8 $\frac{1}{2}$ ", 62'2 $\frac{1}{2}$ ", 63'11 $\frac{1}{4}$ ", F); 2. Maggard (SCVYV) 61'10 $\frac{1}{2}$ " (60'10", 60'4 $\frac{1}{4}$ ", 59'4", 61'10 $\frac{1}{2}$ ", 60'6 $\frac{1}{4}$ ", F); 3. O'Brien (PAA) 61'9"; 4. Davis (PAA) 60'10 $\frac{3}{4}$ "; 5. Cole (49ers) 60'9 $\frac{1}{4}$ "; 6. Puce (Nev) 58'5".

Bulletin Board

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Next issues of Track & Field News will be mailed March 30, April 27, May 25, June 15 and July 6.

35Wt, Burke (Strid) 69'2" Outdoor world's best (69'2", 67'9 $\frac{1}{4}$ ", F, 67'2 $\frac{1}{2}$ ", F, 65'5 $\frac{1}{2}$ "); 2. Frenn (PAA) 68'7 $\frac{1}{2}$ " (67'5", 68'7 $\frac{1}{2}$ ", 68'1 $\frac{1}{2}$ ", 67'4 $\frac{1}{4}$ ", 64'11", 66'5 $\frac{1}{2}$ "); 3. Backus (NYAC) 67'9"; 4. Doernberger (NYAC) 63'1 $\frac{1}{2}$ "; 5. Gage (NYAC) 62'9 $\frac{1}{4}$ "; 6. Thomson (NYAC) 60'1 $\frac{1}{2}$ "; 7. Hall (unat) 59'9"; 8. Ballard (SCVYV) 56'3 $\frac{1}{4}$ ".

SpMedR (440, 100, 220, 300), Striders 1:51.6 (Whitney 49.5, Dunn 9.5, Frey 20.6, Toomey 30.9); 2. New York AC 1:54.1; 3. 49er TC 1:54.1; 4. California 1:54.2. Heats: I-1. Striders 2:00.2; 2. Cal 2:01.0; 3. British Columbia 2:03.4. II-1. NYAC 1:54.8; 2. 49ers 1:55.1; 3. Athens 1:55.2.

MileR, San Jose State 3:14.9 (Shackelford 50.2; Bambury 50.0, Evans 48.2, Smith 46.5); 2. Baltimore Olympic Club 3:15.0 (Skinner 49.8, Bernard 48.2, Lee 49.4, Roberts 47.6); 3. 49er TC 3:15.0 (Kemp 48.3, J. Perry 49.6, Payne 49.1, Crook 48.0). Heats: I-1. Baltimore OC 3:17.4 (Skinner 49.8, Bernard 49.3, Roberts 49.2, Lee 49.1); 2. 49ers 3:17.9 (Payne 50.0, Crook 49.4, J. Perry 49.4, Kemp 49.1); 3. Athens 3:19.1 (Livers 50.5, Wyatt 50.0, Biancani 48.8, Campbell 49.7); 4. British Columbia 3:25.3. II-1. San Jose State 3:18.2 (Shackelford 50.0, Bambury 50.1, Evans 48.4, Smith 49.6); 2. Striders 3:18.7 (Toomey 50.7, H. Williams 50.2, Whitney 48.7, Frey 49.1); 3. Texas Western 3:18.7 (Morgan 50.8, L'Official 49.3, Shirley 49.7, Rogers 48.9).

2MileR, 49er TC 7:37.0 (Taylor 1:56.4, J. Perry 1:55.0, Von Ruden 1:53.0, Davis 1:52.6); 2. NYAC 7:37.0 (Brown 1:56.7, Cucchiara 1:54.7, Byrne 1:53.1, Buckley 1:52.5); 3. 49er TC B 7:45.4 (D. Kemp 1:58.2, V. McCalla 1:56.1, Mellady 1:58.1, H. McCalla 1:54.4); 4. British Columbia 7:46.0; 5. Texas Western 7:47.2.

MileWalk, DeNoon (Strid) 6:28.0; 2. Walker (unat) 6:29.9; 3. Haluza (Strid) 6:34.2; 4. Laird (NYAC) 6:37.7; 5. Young (Strid) 6:45.0; 6. Kitchen (Springfield Col) 6:49.0.

Scores: Striders 33; 2. 49er TC 32; 3. New York AC 13; 4. Santa Clara VYV and Southern Illinois 8; 6. Texas Southern and Pasadena AA 6; 8. Texas Western TC, Penn AC, Southern Cal, Kent State and San Jose State 5.

Arrington Paces Wisconsin in Big 10

from Bob Brennan

Madison, Wis., Mar. 3-4--Outstanding marks on the 220 yard flat clay oval keyed the 57th annual Big 10 championships before a sellout crowd of 4359 in Camp Randall Memorial Building. Sophomore Ray Arrington led Wisconsin to a see-saw, 56 $\frac{3}{4}$ to 53, victory over defending champion Michigan State.

Arrington placed third in the mile with a 4:06.8 effort behind Iowa's Larry Wiecezorek (4:05.3) and Michigan State's Dick Sharkey (4:06.0) but came back to win the 880 in 1:50.3 an hour later. He outkicked Michigan State's John Spain (1:50.6) and Michigan's Ron Kutchinski (1:51.1) as all three moved into the top 10 indoors for 1967. Forty minutes later, he came back with a 48.4 third leg to help Wisconsin place third in the mile relay in 3:15.1 as both Iowa (3:13.1) and Michigan State (3:13.6) eclipsed the former best of 3:13.8 for a track of its classification.

Iowa anchorman Mike Mondane was busy before his stint on the mile relay. On Friday he won his heat and semi-final of the 440 in 48.4 and 48.0 before taking the final in 47.9 the next day.

Another Wisconsin sophomore, hurdler Mike Butler equalled the best-ever time of 7.6 for the 70 lows set by Jesse Owens in 1935 and tied by Hayes Jones in 1958. He relegated Michigan State's defending champion Gene Washington to fourth after running 8.2 to nip him in the highs. Also equalling the record for the lows was Minnesota's John Warford in second place for this event that is rarely run outside of the Big 10.

300, Dilling (Ind) 30.9; 2. Campbell (Mich St) 31.1; 3. Simonson (Minn) 31.1. Heats: Jackson (Wis) 30.7. 440, Mondane (Ia) 47.9; 2. Whipple (Wis) 48.2; 3. Gillham (Minn) 48.6; 4. Felton (Pur) 48.8; 5. Steele (Mich St) 49.1. Heats: Mondane 48.4. Semis: Mondane 48.0. 600, Wilson (Mich St) 1:11.3. 880, Arrington (Wis) 1:50.3; 2. Spain (Mich St) 1:50.6; 3. Kutchinski (Mich) 1:51.1; 4. Latigo-O-lal (Wis) 1:51.8; 5. Brubacher (Ia) 1:52.7.

Mile, Wiecezorek (Ia) 4:05.3; 2. Sharkey (Mich St) 4:06.0; 3. Arrington 4:06.8. 70HH, Butler (Wis) 8.2; 2. Washington (Mich St) 8.3; 3. White (Ind) 8.3; 4. Warford (Minn) 8.4; 5. Midlam (Mich) 8.5. Heats: Washington 8.3. 70LH, Butler 7.6; 2. Warford 7.6; 3. White 7.7; 4. Washington 7.8; 5. Bryant (Minn) 7.8. Heats: I-1. Butler 7.7; 2. Bryant 7.8; 3. Steele 7.8. II-1. Washington 7.7; 2. Warford 7.8; 3. White 7.8; 4. Reimer (Ia) 7.8.

HJ, Bowers (Mich St) 6'9"; 2. Knickerbocker (Mich) 6'9". SP, Hawke (Wis) 57'7"; 2. Harvey (Mich) 56'7 $\frac{1}{2}$ ".

MileR, Iowa 3:13.1 (Ferree, Frazier, Mondane, Reimer); 2. Michigan State 3:13.6; 3. Wisconsin 3:15.1 (Arrington 48.4); 4. Michigan 3:16.3; 5. Minnesota 3:17.0; 6. Purdue 3:18.4.

Team Scores: 1. Wisconsin 56 $\frac{3}{4}$; 2. Michigan State 53; 3. Iowa 30; 4. Minnesota 28 $\frac{3}{4}$; 5. Michigan 21; 6. Indiana 18 $\frac{3}{4}$; 7. Ohio State 7 $\frac{3}{4}$; 8. Purdue 7; 9. Illinois 5; 10. Northwestern 3.

Ryun Dashes 3:58.8, 1:52.0 in Big 8

from Don Steffens and Jim Cook

Kansas City, Mo., March 3-4--You can rest assured it was Jim Ryun, who was entered in both the mile and half, for whom the majority of the partisan, sell-out crowd had come to see in action at the 39th Big 8 indoor championships. The 10,000-plus fans and Jim went home pleased.

He turned in the world's fastest indoor mile since the Olympic year and a personal undercover best of 3:58.8 with the help of Kansas State's Conrad Nightingale who pushed a quick tempo with a 58.2 to Ryun's 58.5 and 1:59.6 to 1:59.8. From there on, it was all Ryun as Nightingale, who thought he was ready for four-minutes, steadily fell back. Ryun brought the fans to their feet as he spun a 57.5 final 440, which probably would have been faster had it not been for the need to wide wide around four lapped runners during his kick.

Ryun completed another fine double with a 1:52.0 half, having started slowly but gaining the lead with 1 $\frac{1}{2}$ laps when he passed Oklahoma State's Jim Metcalf who clocked 1:53.3 for a personal best. Although the track is a tight 12-lap banked board oval, the second through fifth placers all recorded seasonal bests by at least a full second. In the prelims, Lee Calhoun held off Ryun's closing rush by a tenth in 1:54.5. Ryun's 10 points helped Kansas to win its seventh title in 11 years as the Jayhawkers garnered half of the 14 individual titles, all of them in the running events. Kansas' 64 doubled the 31 second place

Kansas' Ben Olison surprised the 440 field as he allowed the leaders to exchange swinging elbows on the last lap as defending Big 8 and NCAA indoor champ Bill Calhoun of Oklahoma was nudged onto the infield twice. Olison won in 49.3 as Calhoun finished out of the money.

In only his second meet since injuring himself late in January, Nebraska's Charlie Greene romped off with an impressive 6.0 60, noteworthy timewise because he felt another twinge in the same right thigh that has long given him problems at about 50 yards though he managed to hold on for the victory over Oklahoma's look-alikes, Glen and Wayne Long, who clocked 6.1 each.

Kansas was shut out of the win department in the field events as Steve Herndon of Missouri regained his high jump title of two years ago with an easy 7'0" clearance on his first try but missed thrice at 7'1 $\frac{1}{4}$ ". Oklahoma's Ron Tull, who will undergo an operation for repair of a ligament in his right leg, lost to Herndon for the first time with a creditable under the circumstances 6'10".

The pole vault scratch sheet read like a war zone casualty list. Colorado's defending titlist Chuck Rogers (16'2 $\frac{1}{4}$ "), Kansas' Bob Steinhoff (16'0") and Oklahoma's Larry Smith (15'4 $\frac{1}{2}$ ") were all injured within 10 days of the meet, and only Steinhoff was able to compete. Even Colorado's Nick Koerner was hurt when he missed the pit during the competition and dislocated his right ankle. The winner was Oklahoma State's Larry Curtis, a 5'10" sophomore.

Kansas sophomore George Byers three times equalled teammate Lee Adams' world record for the 60-yard lows of 6.6 as he easily won his races over two nights.

60, Greene (Nebr) 6.0; 2. G. Long (Okla) 6.1; 3. W. Long (Okla) 6.1. Heats: I-1. Greene 6.1. 440, Olison (Kans) 49.3. Heats: I-1. Forbes (Nebr) 49.0; 2. Holbrook (Kans St) 49.2. II-1. Calhoun (Okla) 48.9. 600, Carson (Ia St) 1:10.5. Heats: I-1. Carson 1:10.8. 880, Ryun (Kans) 1:52.0; 2. Metcalf (Okla St) 1:53.3. Heats: I-1. L. Calhoun (Okla) 1:54.5; 2. Ryun 1:54.6.

Mile, Ryun 3:58.8 (58.0, 1:59.5, 3:01.0, 3:58.8); 2. Nightingale (Kans St) 4:05.4. 60HH, Adams (Kans) 7.4. Heats: II-1. Green (Ia St) 7.2. III-1. Byers (Kans) 7.2. Semis: I-1. Byers 7.2. 60LH, Byers 6.6; 2. Adams 6.7. Heats: IV-1. Byers 6.6. Semis: I-1. Byers 6.6. II-1. Adams 6.7.

HJ, Herndon (Mo) 7'0"; 2. Tull (Okla) 6'10". PV, Curtis (Okla St) 16'1"; 2. Steinhoff (Kans) 15'8 $\frac{3}{4}$ ". LJ, Rainwater (Mo) 24'2 $\frac{1}{2}$ "; 2. Ard (Kans) 24'1". SP, King (Colo) 55'8 $\frac{1}{2}$ ".

MileR, Kansas 3:16.8 (Ard 50.3, Ashurst 48.9, Peck 48.6, Olison 49.0); 2. Oklahoma 3:17.3.

Team Scores: 1. Kansas 64; 2. tie, Missouri and Nebraska 31; 4. Kansas State 25; 5. Oklahoma 21; 6. Oklahoma State 14; 7. Iowa State 13; 8. Colorado 11.

Patrick's Iron Man Task Pays Off in IC4A

by Jim Dunaway

New York, N.Y., Mar. 4--Led by Dave Patrick, Villanova's deep, strong, and fast corps of middle- and long-distance men literally ran away with the 46th IC4A indoor team championships. It was

the last track meet ever to be held in the third version of Madison Square Garden. Villanova scored 36 points to 18 for runner-up Army.

"I'm dead," said Patrick after bringing home Jumbo Elliott's Wildcats second to Manhattan in the two-mile relay with a 1:51.7 anchor leg, his fourth race in less than 10 $\frac{1}{2}$ hours. Earlier, he had run a mile heat in 4:11.9, anchored the relay with a 1:53.8 in the heats, and won the mile in 4:09.4, having to run the last quarter in 56.7 to hold off Bob Ziemiński of Georgetown. "I'm dead," said Patrick, "but we won."

Even without the blond junior's contributions, Villanova had enough to win their eighth team title in 11 years. Charles Messenger (Patrick's high school classmate) and Tom Donnelly each won his section of the two-mile, Messenger in 8:58.8 and Donnelly in 9:01.0, to finish 1-2 in the overall standings of a race that saw a dozen men break 9:10. Sophomore Erv Hall won the 60-yard high hurdles easily in 7.4 (7.3 in his semi), and Villanova's non-doubling quarter-milers took the mile relay in 3:19.2. Vaulteur Vince Bizzarro, although upset by Peter Chen of American U (both at 15'6"), chipped in four points for second, and Frank Murphy took third in the mile behind Patrick.

Tensest race of the night was the 1000. With 10 heats and the six fastest times to qualify, Jim Wich of Brown threw down the gauntlet by running a personal best of 2:10.3 in the second heat. Eventually it took 2:11.4 or better to make the final, and three sub-2:10 men didn't--Greg Camp of Army (2:09.1), Jack Endrikat of Princeton (2:09.4) and Byron Dyce of NYU (2:09.6). Even without Ziemiński and Rick Urbina, sick with a virus, the final looked formidable. But normal front-running Jim Groark of Fordham never got a chance to grab the lead from his sixth lane starting spot, and a 58.0 first quarter turned the race into a waiting game. With 1 $\frac{1}{2}$ laps to go, Pete Farrell of Notre Dame jumped the field and opened up a five-yard gap. Brian Hernon, Fordham's Met champion, tried to follow but was boxed, and by the time he found running room Farrell was uncatchable. The time was a slow 2:12.5.

Time qualifications in the 600 also had a notable casualty, as co-favorite Bill Bruckel of Cornell just missed with 1:12.6. In the final, Mark Young of Yale just outlasted Tom Albright of Colgate in 1:11.5. Other winners included Jim Lee of Maryland in the 60 (6.2) and Cal Hill of Yale in the long jump (24'8 $\frac{3}{4}$ "). Elijah Miller of Rutgers took the high jump at 6'9" on a countback from Ed Mulvihill of Manhattan and Wayne Gustafson of Cornell. Gustafson appeared to have cleared 6'10" but jarred the standard and saw the crossbar fall from 30 feet away.

Things-to-come department: In the non-scoring freshman medley race, Art Dulong led Holy Cross to a meet record with a 4:05.9 anchor mile with splits of 58.7, 2:02.4, 3:04.2, 4:05.9.

60, Lee (Md) 6.2. 600, Young (Yale) 1:11.5. 1000, Farrell (ND) 2:12.5. Heats: II-1. Wich (Brown) 2:10.3 (1:52.4 at 880). IV-1. Farrell 2:11.0. V-1. Groark (Ford) 2:10.8. VI-1. Hernon (Ford) 2:10.4.

Mile, Patrick (Vill) 4:09.4. Heats: I-1. Patrick 4:11.9. 2Mile, Messenger (Vill) 8:59.8. 60HH, Hall (Vill) 7.4.

HJ, Miller (Rutgers) 6'9"; 2. tie, Mulvihill (Manhattan) and Gustafson (Cor) 6'9". PV, Chen (American) 15'6"; 2. Bizzarro (Vill) 15'6". LJ, Hill (Yale) 24'8 $\frac{3}{4}$ "; 2. Jones (Yale) 24'3"; 3. Palkie (Navy) 24'1". SP, Allen (St John's) 55'9". 35Wt, Graham (Army) 60'9 $\frac{1}{2}$ "; 2. Weberbauer (Manhattan) 59'9 $\frac{1}{2}$ "; 3. Yuen (Conn) 59'6"; 4. Fraus (Cor) 58'10 $\frac{1}{2}$ "; 5. Hart (Army) 58'4 $\frac{1}{2}$ ".

MileR, Villanova 3:19.2. 2MileR, Manhattan 7:35.8 (Kivlan 1:52.7, Kearney 1:52.1); 2. Villanova 7:39.0 (Patrick 1:51.7); 3. St John's 7:41.1. Heats: II-1. Harvard 7:38.4; 2. Villanova 7:40.2; 3. Manhattan 7:41.2.

Team Scores: 1. Villanova 36; 2. Army 18; 3. Notre Dame 17; 4. Yale 14; 5. St. John's 13; 6. Manhattan 12 $\frac{1}{2}$; 7. Maryland 12; 8. Cornell 11 $\frac{1}{2}$; 9. Rutgers 11; 10. Harvard 7 $\frac{1}{2}$.

Patrick Upsets Ryun in Record 1:48.9 Half

Detroit, Mich., March 10-11--The 880-yard final at the NCAA Indoor Championships was as much of a heralded duel as the publicists could make out of a match between 19-year-old Jim Ryun, unbeaten at all distances between 800-meters and two-miles in finals since the 1965 US-USSR meet and world outdoor record holder at a mile and the half, and 20-year-old Dave Patrick, the fast rising Villanovan who had posted the year's first sub-four minute mile, had raced to the fastest standard 11-lap track half-mile time in history and compiled a 22 of 23 race winning streak. Ryun was obviously the favorite, but it was Patrick who pulled the surprise of the indoor campaign as he soundly whipped Ryun, with a world record 1:48.9 to boot, in their first-ever head-to-head encounter.

Both athletes ran four races over the two-day meet, both

meet, both posted supreme efforts and both proved they were human with less than supreme performances. But it was Friday's schedule which forced Ryun to two trials and a final within 5½ hours compared to Patrick's early trial and final during this same period that may have spelled the difference.

Both Ryun and Patrick qualified in the half-mile on Friday at about 4:00 p.m., Ryun in 1:55.3 behind Joe Kearney of Manhattan's 1:54.8 and Patrick in 1:56.5. Four hours later, while Patrick rested, Ryun needed almost all of his 4:08.0 mile heat to qualify as the field was close behind. The final of the half came an hour and a half later. It was not really much of a contest, for Patrick employed brilliant strategy--as it turned out--as he whipped past the quarter in a swift 52.4 with an almost unbelievable 20 yard margin over Ryun. It was a move undoubtedly calculated to take the sting out of Ryun's enthusiasm, for to be so far behind a good runner after two reasonably tough heats is much more difficult to overcome than to kick from behind in a slower paced race. Ryun closed the gap in the final quarter for a 1.8 seconds behind 1:50.7 clocking.

Ryun refused to make any alibis after his defeat to Patrick, although he had planned since last summer what he might say following a defeat. "I just don't want to take anything away from Dave's victory. I thought he would either set a real fast pace or sit on me in a tactical race. He just ran a fast race. I was satisfied with my effort. Patrick just ran a great race. He didn't surprise me." But Ryun had said after his mile heat that "something is wrong. I don't know what it is, but I'm exhausted."

Patrick was mobbed by teammates and fans, but later managed to say, "It was a terrific thrill. I didn't think anybody could catch me, but I looked around in the middle of the third turn for home, watching for Ryun. I knew there wasn't anybody back of me for a long, long time."

Ryun came back about 19½ hours later to zip through a 3:58.6 mile that was equally non-competitive after he deliberately shook vastly improved Sam Bair of Kent State, who held on for a life-time best indoors or out, of 4:01.0. Patrick, meanwhile, gave a 4:00.6 showing in his anchor leg of the distance medley which gave Villanova a second place 9:45.2 behind Kansas State's 9:44.6 win. Although he had successfully run two halves and two miles in two days of the IC4A championships the week before--albeit in slower times, his anchor leg in the two-mile relay only 28 minutes following the distance medley performance proved his downfall. At the end of the third leg, Villanova was running second behind Fordham but Patrick could muster only about a 2:07.5 split as Southern Cal won in 7:30.2 and Villanova finished fifth and last in 7:45.4. Patrick, who had given his school a point in the team trophy run, collapsed seconds later though he was reported recovering satisfactorily later.

Southern Cal's Dennis Carr turned in an impressive 30 minute apart double with a 2:58.7 1320 in the distance medley and a 1:52.7 two-mile relay effort. Best splits in the two relays were Carl Trentadue's 1:51.9 for Southern Cal and Wes Dutton's 2:58.3 1320--probably the fastest indoor 1320 split in history--for Kansas State.

In addition to the two longer relays, Southern California scored well in the 60, high hurdles and pole vault to win the meet with 26 points to Oklahoma's surprising second place finish of 17 after a fifth place slip in the Big 8 title meet the week before. Kansas was third a point behind. A crowd of 9551 was on hand the second night.

Bob Seagren and Paul Wilson went 17¼" and 16¼" for first and second and comebacking Bill Fosdick soared 15'6" and gained fifth to give the Trojans 11 points in the 5-4-3-2-1 scoring system. Earl McCullough swept to a two-tenth 60 high victory with a career best of 7.0. Sprinters Lennox Miller and O.J. Simpson placed fourth and fifth in the short sprint, as Nebraska's Charlie Greene was fit enough after leg problems to clock still another 6-flat.

Most of the events produced good marks and competitive battles. Gerry Lindgren, who limped out of Spokane with a swelling in his foot, looked mighty strong as he pulled away from George Scott and Oscar Moore in the final two laps to cross the finish in 8:34.8. Scott and Moore clocked life-time bests of 8:37.8 and 8:38.2. Miami of Ohio junior Ted Downing upped his high jump best two-inches as he topped 7'0", same height as Missouri's Steve Herndon. Ray Arrington of Wisconsin, injured all of last year's outdoor season, circled the 160-yard board track 6¼ times to post a 2:07.8 for a 1000-yards--second fastest in the world this year and equal fifth all-time--as Georgetown's Bob Zieminski finished with a creditable 2:08.5.

60, Greene (Nebr) 6.0; 2. G. Long (Okla) 6.1; 3. Lawrence (Ga) 6.2; 4. Miller (So Cal) 6.3; 5. Simpson (So Cal) 6.3. Heats: I-1. G. Long 6.1. II-1. Lawrence 6.1. Semis: I-1. Greene 6.1. 440 (places determined by times in two sections), B. Calhoun (Okla) 48.9; 2. Crosby (Loyola) 49.0; 3. Withers (AF) 49.1; 4. D. Crawford (Mich St) 49.3. Heats: R. Crawford (ACC) 49.0.

600 (sections), Carson (La St) 1:10.2; 2. Mitchell (NM) 1:10.3; 3. Albright (Colgate) 1:10.5; 4. O'Connor (Loyola) 1:10.9; 5. Wilson

(Mich St) 1:11.1. Heats: I-1. Carson 1:10.7. IV-1. Kelly (Tenn) 1:10.1. 880, Patrick (Vill) 1:48.9 WR; 2. Ryun (Kans) 1:50.7; 3. P. Farrell (ND) 1:51.1; 4. Poole (Wis) 1:52.5; 5. Latigo-O-lal (Wis) 1:52.7; 6. Kearney (Man) 1:53.0. (Ryun qualified in 1:55.3, Patrick in 1:56.5).

1000, Arrington (Wis) 2:07.8; 2. Zieminski (Geotwn) 2:08.5; 3. Dyce (NYU) 2:09.9; 4. Yergovich (Kans) 2:10.9.

1 Mile, Ryun (Kans) 3:58.6; 2. Bair (Kent St) 4:01.0; 3. Wiecezrek (Ia) 4:05.0; 4. Loudat (NM) 4:06.8. Heats: I-1. Bair 4:07.4; 2. Wiecezrek 4:07.8; 3. Williams (N Car) 4:07.9. II-1. Ryun 4:08.0; 2. Terry Smith (Ore St) 4:08.3; 3. Loudat 4:08.3.

2 Mile, Lindgren (Wash St) 8:34.8; 2. Scott (NM) 8:37.8; 3. O. Moore (So Ill) 8:38.2; 4. Ogden (Mo) 9:00.8; 5. Celms (Wash) 9:01.4.

60HH, McCullough (So Cal) 7.0; 2. Hall (Vill) 7.2. Heats: I-1. Coleman (W Salem) 7.1; 2. Shy (S Diego St) 7.3. II-1. Hall 7.1; 2. Flowers (Tenn) 7.2. III-1. Butler (Wis) 7.2. IV-1. McCullough 7.1. Semis: I-1. McCullough 7.0; 2. Washington (Mich St) 7.2; 3. Hall 7.2. II-1. Shy 7.1; 2. Butler 7.1; 3. Coleman 7.2; 4. Flowers 7.3.

HJ, Downing (Miami, O) 7'0"; 2. Herndon (Mo) 7'0"; 3. Tull (Okla) 6'10"; 4. Lindsey (Cinn) 6'9"; 5. Mulvihill (Manhattan) 6'9".

PV, Seagren (So Cal) 17¼"; 2. Wilson (So Cal) 16¼"; 3. Burton (Wichita St) 16'0"; 4. Curtis (Okla St) 15'6"; 5. Fosdick (So Cal) 15'6".

LJ, Hopkins (Tol) 24'7¾"; 2. Ard (Kans) 24'7½"; 3. Rainwater (Mo) 24'5½"; 4. Helton (Utah St) 24'3¾".

SP, Patera (BYU) 59'6"; 2. Harvey (Mich) 58'2¼"; 3. Morton (Fla) 56'8¼"; 4. Eisner (Kent St) 56'5¾".

35Wt, Yuen (Conn) 61'9¾"; 2. Kavanagh (Boston C) 61'2"; 3. Birdsey (Conn) 59'10"; 4. Sherman (St John's) 58'8¾".

1 MileR (sections), Oklahoma 3:15.5 (Shields, Hardwick, Melton, B. Calhoun); 2. Abilene Christian 3:15.9; 3. Iowa 3:18.4; 4. New Mexico 3:18.5; 5. Villanova 3:18.6. Heats: I-1. Oklahoma 3:17.0 (Melton 47.4).

2 MileR, Southern California 7:30.2 (Joyce 1:53.0, Buck 1:52.6, Carr 1:52.7, Trentadue 1:51.9); 2. Michigan 7:30.4; 3. Manhattan 7:31.0; 4. Fordham 7:34.6; 5. Villanova 7:45.4.

DistMedR, Kansas State 9:44.6 (Harper 1:53.9, Holbrook 50.8, Dutton 2:58.3, Nightingale 4:01.6); 2. Villanova 9:45.2 (McCafferty 1:54.4, Prince 49.3, Messenger 2:59.7, Patrick 4:00.6); 3. Southern Cal 9:50.2 (Grant 1:53.0, Wolff 50.0, Carr 2:58.7, Link 4:08.5); 4. Miami, O 9:52.8; 5. Southern Illinois 9:54.6.

Inv Mile, Dulong (Holy Cross Fr) 4:04.8; 2. Danielson (BYU/Fr) 4:09.0.

Team scores: 1. Southern California 26; 2. Oklahoma 17; 3. Kansas 16; 4. Villanova 15; 5. tie, New Mexico and Wisconsin 12; 6. tie, Missouri, Michigan and Connecticut 8; 9. Miami, O 7; 10. tie, Iowa, Kent State and Loyola, Chicago 6.

Ottoz Cracks Record in European Indoor

These are the results of the second annual European Indoor Games, held on a 150-meter banked board track which is classified as a "c" track by T&FN.

Prague, Czechoslovakia, Mar. 12-13--400, Kinder (WG) 48.4; 2. Koch (EG) 48.6; 800, Carroll (Ire) 1:49.6; 2. Jungwirth (Czech) 1:49.8; 3. Kasal (Czech) 1:50.0. 1500, Whetton (GB) 3:48.7; 2. Odlozil (Czech) 3:49.0; 3. Hoffman (Czech) 3:50.0; 4. Schulte-Hillen (WG) 3:50.7. 3000, Girke (WG) 7:58.6; 2. Charafutdinov nt; 3. Mecser (Hun) 8:00.0; 4. Vilt (SU) 8:02.0.

HJ, Moroz (SU) 7¼"; 2. Elliott (Fr) 7¼"; 3. Baudis (Czech) 6'11½"; 4. Huebner (Czech) 6'11½"; 5. Spielvogel (WG) 6'9¾"; 6. Czernik (Pol) 6'9¾"; 7. Bolshov (SU) 6'9¾"; 8. Pfeil (EG) 6'9¾"; 9. Nilsson (Swe) 6'8¾". LJ, Davies (GB) 25'9"; 2. Barkovsky (SU) 25'9"; 3. Stalmach (Pol) 25'4¾"; 4. Lepik (SU) 25'2½"; 5. Babic (Yug) 24'6"; 6. Hutter (Czech) 24'3¾". TJ, Nemcovsky (Czech) 54'4½"; 2. Kalocsai (Hun) 53'11¾"; 3. Zolotarev (SU) 53'9¾"; 4. Ruckborn (EG) 53'9¾"; 5. Sauer (WG) 53'8¾"; 6. Kurkyevitch (SU) 52'9¾". PV, Fydel (SU) 16'5"; 2. Bliznyetsov (SU) 16'1"; 3. Nordwig (EG) 16'1". SP, Karasyov (SU) 63'2¼"; 2. Gushchin (SU) 61'10½"; 3. Komar (Yug) 61'10¼".

Indoor News

MAPLE LEAF GAMES, Toronto, Can., Feb. 24 (c)--(results not reported previously) 50, Jerome (Van OS) 5.3. 50HH, 2. Davenport (Sn) 6.1; 3. Rogers (NYGSB) 6.2; 4. Nairn (Sn) 6.2; 5. Donnelly (Queens) 6.3; 6. Cerulla (En Mich AC) 6.3. Heats: I-1. Ottoz (It) 6.1; 2. Nairn 6.2. II-1. Davenport 6.3. SP, 4. Bethea (unat) 58'3¾"; 5. Mercer (Utah St) 57'9½".

CENTRAL COLLEGIATES, Notre Dame, Ind., Feb. 25 (e)--results not reported previously) Mile, O. Moore (So Ill) 4:07.2; 2. Ho-

ward (ND) 4:08.1. 440, Mackenzie (So Ill) 49.1. 1000, P. Farrell (ND) 2:10.7. 300, Crosby (Loyola) 29.9 WIR; 2. Hurd (ND) 30.2; 3. Skarstein (ND) 30.6; 4. Brown (Ky St) 31.1. 880, Farrell 1:51.9; 2. Ackman (So Ill) 1:52.4; 3. Vehorn (ND) 1:53.2.

NAIA DISTRICT, Ypsilanti, Mich., Feb. 22 (e)--500, Norman (En Mich AC) 57.9; 2. Stephenson (EMAC) 58.1. PV, Barrett (En Mich) 16'3 $\frac{1}{2}$ ". 440, Nesbitt (C Mich) 48.6.

JAYCEE INDOOR, Memphis, Tenn., Feb. 25--60, Brown (Ark AM&N/Fr) 6.1; 2. Freeman (Murray St) 6.1. LJ, Brown 24'0".

NEBRASKA 63 $\frac{1}{2}$, NEW MEXICO 61, IOWA STATE 27, Lincoln, Nebr., Feb. 25 (e)--60, Greene (N) 6.1. 600, McGovern (N) 1:11.1. 440, Head (NM) 49.3. 2. Forbes (N) 49.4. HJ, Loughridge (NM) 6'10".

N CLUB INDOOR, Natchitoches, La., Feb. 25--60, LeBlanc (unat) 6.1. LJ, Groff (Tulane) 24'11 $\frac{1}{2}$ ".

AC, Columbus, O., Mar. 4 (d)--HJ, Lindsey (Cinn) 6'10". 440, Taylor (Ohio U) 48.2. 300, B. Smith (Ohio U Fr) 31.2.

HS MEET, St Louis, Mar. 3--60, Goodrich (E St Louis HS, E St Louis, Ill) 6.1.

EASTERN MICHIGAN 79, KENT STATE 34, Ypsilanti, Mich., Mar. 4 (e)--PV, Barrett (EM) 15'6". 300, Richburg (KS) 31.0.

HS MEET, New York City, Mar. 4 (d)--440, Hyman (Jackson HS) 49.1 HSR.

SOUTHERN MINNESOTA RELAYS, Mankato, Minn., Mar. 4--Monegue (Moorhead) 6.1.

NORTHERN ARIZONA 78, ADAMS STATE 44, Flagstaff, Ariz., Mar. 4 (c)--60, Shires (NA) 6.0. 70HH, Rouche (NA) 8.5. Shires performance believed to be result of a false start.

HOLY CROSS 65, CONNECTICUT 46, Storrs, Conn., Mar. 8--35Wt, Birdsey (C) 59'1 $\frac{1}{2}$ ".

HEPTAGONALS, Ithaca, N.Y., Mar. 11 (d)--35Wt, Graham (Army) 62'6 $\frac{3}{4}$ ". 2. Fraus (Cor) 60'11 $\frac{1}{2}$ ". 3. Hart (Army) 58'3". 4. Wilson (Harv) 58'2 $\frac{3}{4}$ ". LJ, Hill (Yale) 24'4 $\frac{3}{4}$ ". 600, Young (Yale) 1:11.0. 1000, Camp (Army) 2:10.3; 2. Endrikat (Prince) 2:10.5. 60, Evans (Army) 6.1. PV, Schoonover (Harv) 15'7 $\frac{3}{4}$ ". Teams: 1. Army 53; 2. Dartmouth 40; 3. Navy 39; 4. Cornell 28; 5. Yale 23.

YANKEE CONFERENCE, Durham, N.H., Mar. 11--35Wt, Yuen (Conn) 59'10 $\frac{1}{2}$ ".

National News

AC, Long Beach, Calif., Feb. 17--JT, Nelson (L Beach St) 237'2". JESUIT INVITATIONAL, Tampa, Fla., Feb. 25--440R, Florida A&M 41.0. DT, Morton (Fla) 185'4".

WASHINGTON FEDERATION, Seattle, Feb. 25--3M, Roberts (W) 13:59.4. 6M, Freeman (Snohomish TC) 29:43.0.

MADISON RELAYS, Houston, Tex., Feb. 25--100, Branch (Worthington HS, Houston) 9.5.

ARIZONA RELAYS, Tempe, Ariz., Feb. 25--DistMedR, Arizona State (Freeman 47.5, Longstretch, Robinson, Scott 4:04.9) 9:51.0. HJ, Caruthers (Ariz) 7'4". 2Mile, Scott 8:49.2; 2. Young (Ariz TC) nt. 440R, Arizona 40.9 (Ehlenburg, Kimble, Tella, Massey).

CAL, CAL FROSH, ATHENS, SCVYV, Berkeley, Calif., Feb. 25--440H, McCrary (Cal) 51.9; 2. Wyatt (Athens) 52.1. 2Mile, Rustad (GGTC) 9:01.2. HH, Livers (A) 14.0; 2. Rockwell (A) 14.1. TJ, Horn (A) 48'9". PV, White (A) 15'8"; 2. Chase (SC) 15'8".

LANEY JC 82 $\frac{1}{2}$ SACRAMENTO JC 52 $\frac{1}{2}$, Sacramento, Calif., 4--Mar. 4--100, Mathews (Laney) 9.5; 2. Sims (Laney) 9.5.

SOUTHEASTERN LOUISIANA 118, MC NEESE STATE 26, Hammond, La., Mar. 5--100, Thiel (SEN) 9.5. 220t, Thiel 21.1.

BAYLOR 93, NORTH TEXAS STATE 43, Waco, Tex., Mar. 4--100 (windy), Brandt (B) 9.4. HH (windy), Smith (NT) 14.1.

DAVIS RELAYS, Davis, Calif., Mar. 4--DT, Puce (Nev) 190'3". SP, Larson (Hayward St) 56'5 $\frac{1}{2}$ ". 2. Briles (Nev) 56'2 $\frac{1}{2}$ ". 3. Kanavel (Nev) 55'11".

ARIZONA 75, ARIZONA STATE 58, OCCIDENTAL 48, Tucson, Ariz., Mar. 4--HJ, Caruthers (A) 6'10". 220t, Bright (AS) 20.9; 2. Kimball (A) 21.0. 2Mile, Scott (AS) 8:58.8. PV, Teasley (A) 15'6 $\frac{3}{4}$ ". 440R, Arizona 41.1 (Massey, Kimball, Tella, Von Schrader).

HOUSTON INVITATIONAL, Houston, Tex., Mar 4--440H, Pickett (Hous) 52.0; 2. Cole (Hous) 52.6. JT, McNabb (LSU) 241'0"; 2. Dyer (LSU) 234'8". SprMedR, ACC 3:24.1 (Stratton, Fox, Thompson Johnson). 880R, ACC 1:25.6 (Dunn, Crawford, Wagner, Knapp); 2. Lamar Tech 1:25.8. PV, Beene (ACC) 15'10 $\frac{1}{2}$ ".

RICE 60 $\frac{1}{2}$, TEXAS 57, TEXAS A&M 52 $\frac{1}{2}$, Austin, Tex., Mar. 3--Fr SP, Lightfoot (AM) 55'7 $\frac{3}{4}$ ". 440R, Rice 41.0 (Brown, Epps, Belzung, Bernauer). SP, Matson (AM) 66'5 $\frac{1}{2}$ " (66'5 $\frac{1}{2}$ ", F, 64'8 $\frac{3}{4}$ ", 66'0", 64'11", 65'3"); 2. Belt (Tex) 56'1 $\frac{1}{2}$ ". 440, Brown (R) 46.9. MileR, Rice 3:11.3 (Moss 48.2, Casey 48.6, Bernauer 47.9, Brown 46.6). PV, King (Tex) 16'3 $\frac{1}{4}$ ". 100 (windy), Bernauer 9.5.

SOUTHWEST RECREATIONAL, Ft. Worth, Tex., Mar. 3-4--

Univ HH (windy), Utecht (SMU) 14.1. 440, Carlos (E Tex St/Fr) 47.0. 440R, Texas Southern 41.0 (Evans, Smith, Duncan, Green). HH (windy), Mann (NE La) 13.4; 2. Bristol (Tex So) 13.5; 3. Hicks (Tex So) 13.6; 4. Christian (Tex So/Fr) 14.0; 5. Simples (Tex So/Fr) 14.0. 100 (windy), Dearion (Prairie View) 9.4; 2. Smith (Tex So) 9.5.

BORDER OLYMPICS, Laredo, Tex., Mar. 10-11--440R, Rice 40.8 (Brown, Cloud, Belzung, Bernauer). HH, Smith (N Tex St) 14.1. SP, Matson (Tex AM) 67'11 $\frac{1}{2}$ ". 2. Reasley (AM) 55'6 $\frac{3}{4}$ ". 440, Brown (Rice) 46.5; 2. Magee (N Tex St) 47.0; 3. Thomas (Lamar Tech) 47.1. PV, King (Tex) 15'8". MileR, Rice 3:10.8 (Moss, Casey, Bernauer, Brown); 2. Lamar Tech 3:11.2. HJ, Hartfield (Tex So) 7'1". 220t, Hines (Tex So) 20.5. HH, Bristol (Tex So) 13.9. 100, Hines (Tex So) 9.3; 2. Smith (Tex So) 9.3. No wind info. HS 880, Dave Morton (Memorial HS, Houston) 1:50.2 (also 46.9r same day and 1:53.0 and 47.3r previous day).

ARIZONA TC 76, TEXAS WESTERN FROSH 50, Tucson, Ariz., Mar. 11--HH, Gibson (TW) 14.0. 220, Frey (ATC) 21.1.

UCLA 114, ARIZONA STATE 31, Tempe, Ariz., Mar. 11--SP, Marcus (UC) 58'1"; 2. Hale (UC) 56'9"; 3. Oakes (AS) 56'3 $\frac{3}{4}$ ". 440R, UCLA 40.9 (Domansky, Busby, Jones, Jackson). Mile, Romero (UC) 4:04.2; 2. Scott (AS) 4:04.9. 440, Domansky (UC) 47.2. HJ, Sloan (UC) 6'10". 440H, Johnson (UC) 51.9. 220t, Bright (AS) 21.1. 2M, Scott (AS) 8:50.8. PV, Railsback (UC) 16'5 $\frac{1}{2}$ ". 2. Sloan (UC) 16'1". TJ, Lee (UC) 48'8".

ALABAMA 102 $\frac{1}{2}$, LOUISIANA STATE 64, MISSISSIPPI 14 $\frac{1}{2}$, Tuscaloosa, Ala., Mar. 11--440R, LSU 41.0 (Gott, Hight, Rouse, C. Hight); 2. Alabama 41.0. 440, Adkins (A) 46.6. JT, McNabb (LSU) 261'9" (13th US performer all-time); 2. Dyer (LSU) 238'10".

ARIZONA 100, NORTHERN ARIZONA 42, TEXAS WESTERN 39, Tucson, Ariz., Mar. 11--HJ, Caruthers (A) 7'4". PV, Teasley (A) 15'6 $\frac{3}{4}$ ".

EAST TEXAS ALL-COLLEGE, Commerce, Tex., Mar. 11--100 (windy), Carlos (E Tex St) 9.2. HH (windy), Mann (NE La) 13.9. 220t, Carlos (E Tex St/Fr) 20.3 (probably windy; if legal, it establishes a new frosh record). Heats: Carlos 21.0.

OCCIDENTAL 74 $\frac{1}{2}$, 49ers 60 $\frac{1}{2}$, SAN DIEGO STATE 45, San Diego, Calif., Mar. 12--440, Middleton (49ers) 47.2. PV, Steben (O) 15'6".

ARLINGTON RELAYS, Arlington, Tex., Mar. 11--HS Div, 100 (windy) Black (Trimble Tech, Ft. Worth) 9.4; 2. Caraway (Grand Prairie) 9.5; 330H, Moore (Kimball, Dallas) 40.8; 2. Seabolt (Spruce, Dallas) 41.0; 3. Prince (Sunset, Dallas) 41.4; 4. Cox (Sam Houston, Arlington) 41.5.

Foreign News

STOCKHOLM, SWEDEN, Feb. 4-5--800, Andersson 1:51.9. 60mH, Weum (Nor) 7.8. HJ, Dahlgren 6'11 $\frac{1}{2}$ ". 2. Nilsson and Lindstrom 6'9 $\frac{1}{2}$ ".

LYON, 1000m, Toussaint 2:21.2.

PRAGUE, HJ, Baudis 6'11 $\frac{1}{2}$ ".

AUSTRALIAN CHAMPIONSHIPS, Adelaide, Feb. 25--1500, Too-good 3:44.9; 2. Watson 3:44.9; 3. Doubell 3:45.4; 4. Clarke 3:45.8. 400, Eddy 46.7. 5000, Clarke 13:51.2. 3000St, O'Brien 8:40.0; 2. Blackwood 8:40.6. 400H, Knoke 50.8. HJ, Peckham 7'4 $\frac{1}{2}$ "; 2. Sneazwell 6'11". TJ, May 53'10 $\frac{1}{2}$ "w.

FRANCE 71, GREAT BRITAIN 57, Lyon, (indoors) 400, Nallet 47.9; 2. Campbell (GB) 48.8. 3000, McCafferty 7:56.2; 2. Perry (GB) 8:00.6. LJ, Davies (GB) 25'3 $\frac{1}{4}$ ". PV, D'Encausse 16'5". 1500, Whetton (GB) 3:43.0; 2. Wilkinson (GB) 3:44.8.

EAST BERLIN, 400, Koch 48.9. 800, Seidler 1:50.0; 2. Varah (GB) 1:51.6. HT, Gavrilov 6'10 $\frac{1}{4}$ ". TJ, Ruckborn (EG) 53'6 $\frac{1}{2}$ ". 2. Ciochino (Rum) 52'10".

GOETTINGEN, WG, HJ, Drecoll 7'4".

MOSCOW, SP, Gushchin 60'10".

BELGRADE, 60m, Gianatasio 6.6. 400, Kinder (WG) 47.6 WIR. HJ, Czernik (Pol) 6'10 $\frac{3}{4}$ ".

PRAGUE, HJ, Baudis 7'4".

MOSCOW, HT, Klim 211'6 $\frac{1}{2}$ ". 50mH (indoors), Chistialov 6.5 WIR.

MELBOURNE, Mile, Clarke 4:05.6.

USSR CHAMPS, Moscow, HJ, Skvortzov 7'5 $\frac{1}{2}$ "; 2. Bolshov 7'5 $\frac{1}{2}$ "; 3. Morozov 7'5 $\frac{1}{2}$ "; 4. Gavrilov 6'10 $\frac{1}{4}$ ". LJ, Lepik 25'7 $\frac{1}{2}$ ". SP, Karasyov 62'1"; 2. Gushchin 61'6 $\frac{1}{4}$ ". PV, Bliznyetsov 16'1"; 2. Liugela 16'1". 50m, Lebedev 5.7.

STOCKHOLM, HJ, Celion 6'11x"; 2. Jonsson 6'10 $\frac{3}{4}$ ".

DORTMUND, WG, TJ, Sauer 53'8". 60mH, Bickel 7.9; 2. John 7.9. 400, Kinder 48.0. 800, Balke 1:50.0. HJ, Spielvogel 6'10 $\frac{3}{4}$ ". SP, Birlenbach 59'4 $\frac{1}{2}$ ". PV, Liese 16'1".

WARSAW, POLAND, SP, Komar 62'2 $\frac{1}{2}$ ".

Boston World's Most Prolific 26-Footer

by Roger Gynn

The incredible Ralph Boston won an Olympic long jump title in 1960 and was runner-up in 1964. He was the world's first 27-footer but of even more significance to many is the fact that Ralph has made the 26-foot plus jump a common occurrence. In 140 meets in seven years Ralph has leaped 26-feet or further on 70 occasions. Here then are those meets in which Ralph has leaped over 26-feet. No windy or indoor marks are included. *=best legal mark of a series; Q=qualifying round mark.

26'4 $\frac{1}{2}$ "	(*) FOT	7/ 1/60	26'7 $\frac{1}{2}$ "	(1) AAU	6/27/64
26'1 $\frac{1}{2}$ "	(1) Pre Olympic	7/30/60	26'8 $\frac{1}{2}$ "	(*) SFOT	7/ 3/64
26'11 $\frac{1}{4}$ "	(1) Pre Olympic	8/12/60	27'3 $\frac{1}{4}$ "	(1) Carreras Inv	8/15/64
26'9"	(1) Berne	8/21/60	26'4"	(2) v USSR	7/25/64
26'7 $\frac{3}{4}$ "	(1) OG	9/ 2/60	27'4 $\frac{1}{2}$ "	(*) FOT	9/12/64
26'1 $\frac{1}{4}$ "	(1) Drake R	4/29/61	26'4 $\frac{1}{2}$ "	(q) OG	10/18/64
27'1 $\frac{1}{2}$ "	(1) Cal R	5/27/61	26'4 $\frac{1}{2}$ "	(q) OG	10/18/64
27'1 $\frac{1}{2}$ "	(1) Albuquerque	6/17/61	26'11 $\frac{1}{4}$ "	(1) v BC	10/25/64
26'11 $\frac{1}{4}$ "	(1) AAU	6/24/61	26'1 $\frac{1}{4}$ "	(1) Melbourne	11/ 7/64
27'2"	(1) v USSR	7/16/61	26'1 $\frac{1}{2}$ "	(*) Mt SAC R	4/24/65
26'3 $\frac{1}{2}$ "	(1) v WG	7/19/61	27'2"	(1) Madrid	5/14/65
26'5"	(1) v Poland	7/29/61	26'3"	(1) Barcelona	5/16/65
26'1"	(1) Goteborg	8/ 3/61	27'5"	(1) Cal R	5/29/65
26'7"	(1) Malmo	8/ 4/61	26'9 $\frac{1}{2}$ "	(1) PAAU	6/12/65
26'9 $\frac{3}{4}$ "	(1) Oslo	8/ 7/61	26'3 $\frac{1}{2}$ "	(1) AAU	6/26/65
26'2 $\frac{1}{4}$ "	(1) Cologne	9/ 9/61	26'3"	(1) Cologne	7/ 7/65
26'1 $\frac{3}{4}$ "	(1) Hamburg	9/10/61	26'10"	(1) Welsh G	7/24/65
26'0"	(1) Cal R	5/26/62	26'11 $\frac{1}{4}$ "	(1) v USSR	7/31/65
26'6"	(1) AAU	6/22/62	26'7 $\frac{3}{4}$ "	(1) v Poland	8/ 7/65
26'0"	(*) v USSR	7/21/62	26'4 $\frac{1}{2}$ "	(1) v WG	8/11/65
26'1 $\frac{1}{2}$ "	(1) Itzehoe	9/ 9/62	26'0"	(1) Texas R	4/ 2/66
26'1 $\frac{1}{4}$ "	(1) Long Beach R3	2/ 6/63	26'10"	(1) Mexico City	4/18/66
26'1 $\frac{1}{2}$ "	(1) C Pendleton	3/ 9/63	26'4 $\frac{1}{2}$ "	(1) Mt SAC R	4/30/66
26'3 $\frac{1}{2}$ "	(1) Los Angeles	3/16/63	26'1"	(2) Coliseum R	5/13/66
26'6"	(1) Nashville	3/29/63	26'8 $\frac{1}{2}$ "	(1) West Coast R5	5/14/66
26'7 $\frac{1}{4}$ "	(1) PAG	5/ 3/63	26'6"	(2) Compton Inv	6/ 4/66
26'3 $\frac{1}{2}$ "	(1) Coliseum R	5/17/63	27'0"	(1) Long Beach	6/ 7/66
26'11"	(*) Cal R	5/25/63	26'3 $\frac{1}{4}$ "	(1) AAU	6/25/66
26'3"	(1) Compton Inv	6/ 7/63	26'6 $\frac{1}{4}$ "	(1) Santa Monica	7/ 9/66
26'10"	(1) AAU	6/21/63	26'9"	(1) Intl Games	7/24/66
26'10 $\frac{1}{2}$ "	(1) v USSR	7/20/63	26'8"	(1) Rose Bowl	7/31/66
26'1 $\frac{1}{2}$ "	(1) Carreras Inv	8/ 8/63	26'6 $\frac{1}{2}$ "	(1) Cologne	9/ 7/66
26'5 $\frac{3}{4}$ "	(1) Hamburg	5/ 7/64	26'3 $\frac{3}{4}$ "	(1) Hagen	9/10/66
26'0"	(1) Coliseum R	5/15/64	26'2 $\frac{1}{2}$ "	(1) Mexico City	10/19/66
27'2 $\frac{1}{2}$ "	(1) Cal R	5/23/64	26'3"	(1) Knoxville	10/29/66

World Record Field Series Since 1946

compiled by Roger Gynn

This is the fifth in a series of features devoted to the splits in running events and series in field events during world record performances since 1946. Complete information pertaining to each record is provided. Those performances which equalled or bettered ratified world records but were never officially accepted by the IAAF have been noted here by an asterisk (*) so long as the mark was statistically acceptable.

DISCUS THROW (e=estimated)

177'11"	Adolfo Consolini (Italy)	Nat, Milan	4/14/46
(167'9 $\frac{1}{2}$ ", 176'2", 177'11", 172'1 $\frac{1}{2}$ ", 169'9")			
180'2 $\frac{3}{4}$ "	Robert Fitch (US)	Minneapolis	6/ 8/46
(series not available)			
181'6"	Consolini	Nat, Milan	10/10/48
(172'3", 174'6 $\frac{1}{2}$ ", 175'10 $\frac{1}{4}$ ", 164'1 $\frac{1}{2}$ ", 181'6 $\frac{1}{2}$ ", f)			
185'2 $\frac{3}{4}$ "	Fortune Gordien (US)	Int, Lisbon	7/ 9/49
(152'2 $\frac{1}{2}$ ", 176'11", 179'2 $\frac{1}{2}$ ", 185'3", 174'7 $\frac{1}{2}$ ", 176'11")			
186'11"	Gordien	Int, Hameenlinna	8/14/49
(166'1", f, 175'3", 186'11", 170'6 $\frac{1}{2}$ ", 169'9")			
190'1 $\frac{1}{2}$ "	Sim Iness (US)	NCAA, Lincoln	6/20/53
(183'0", 182'9", 182'2", 181' e, 173' e, 181' e, 190'1 $\frac{1}{2}$ ")			
190'7 $\frac{1}{2}$ "	Gordien	AC, Pasadena	7/11/53
(179'11", 190'7 $\frac{1}{2}$ ", 169'2", 181'10 $\frac{1}{2}$ ", 182'1")			
194'6"	Gordien	AC, Pasadena	8/22/53
(171'7 $\frac{1}{2}$ ", f, 190'0", 176'3", 194'6", 191'6")			
196'6 $\frac{1}{2}$ "	Edmund Piatkowski (Pol)	Kusocinski, Warsaw	6/14/59
(171'2", 179'3", 196'6 $\frac{1}{2}$ ", f, f, 185'4")			
196'6 $\frac{1}{2}$ "	Rink Babka (US)	Pre-Oly, Walnut	8/12/60
(196'6 $\frac{1}{2}$ ", 196'6 $\frac{1}{2}$ ", remainder of series not available)			
198'8"	Jay Silvester (US)	Int, Frankfort M	8/11/61
(195'11 $\frac{1}{2}$ ", 198'8", 196'7 $\frac{1}{2}$ ", f, f, f)			
199'2 $\frac{1}{2}$ "	Silvester	CISM, Brussels	8/20/61
(192'8", f, 196'4", f, f, 199'2 $\frac{1}{2}$ ")			

200'5 $\frac{1}{2}$ "	Al Oerter (US)	Col R, Los Angeles	5/18/62
(186'9", 198'7 $\frac{1}{2}$ ", 189' e, 200'5 $\frac{1}{2}$ ", 183' e, 192' e)			
202'5 $\frac{1}{2}$ "	Vladimir Trusenyov (USSR)	Nat, Leningrad	6/ 4/62
(195'2 $\frac{1}{2}$ ", 193'11 $\frac{1}{2}$ ", f, f, 202'2 $\frac{1}{2}$ ", f)			
204'10 $\frac{1}{2}$ "	Oerter	v Pol, Chicago	7/ 1/62
(195'2", 204'10 $\frac{1}{2}$ ", 192'0", 185'5", 199'1 $\frac{1}{2}$ ", 195'10 $\frac{1}{2}$ ")			
205'5 $\frac{1}{2}$ "	Oerter	Mt SAC R, Walnut	4/27/63
(201'5", 205'5 $\frac{1}{2}$ ", 199'3", 204'2 $\frac{1}{2}$ ", 203'3", 202'10")			
206'6"	Oerter	Mt SAC R, Walnut	4/25/64
(206'6", 200' e, 200' e, 180' e, 160' e, 206'4")			
211'9 $\frac{1}{2}$ "	Ludvik Danek (Czech)	Nat, Turnov	8/ 2/64
(211'9 $\frac{1}{2}$ ", 197'3", 195'1 $\frac{1}{2}$ ", 199'4 $\frac{1}{2}$ ", 199'10 $\frac{1}{2}$ ", 204'4 $\frac{1}{2}$ ")			
213'11 $\frac{1}{2}$ "	Danek	Nat, Sokolov	10/12/65
(197'6", 202'4 $\frac{1}{2}$ ", 209'0", 205'7 $\frac{1}{2}$ ", 213'11 $\frac{1}{2}$ ", 206'4 $\frac{1}{2}$ ")			
216'9"	*Danek	AC, Long Beach	6/ 7/66
(201' e, 203' e, 208' e, 209' e, 206' e, 216'9")			
HAMMER THROW (e=estimated)			
193'7 $\frac{1}{2}$ "	Imre Nemeth (Hun)	Nat, Tata	7/14/48
(187'1", 188'2", 174' e, f, 190' e, 193'7 $\frac{1}{2}$ ")			
195'5"	Nemeth	Int, Katowice	9/ 4/49
(180' e, 187' e, 195'5 $\frac{1}{2}$ ", 184' e, 190' e, 187' e)			
196'5 $\frac{1}{2}$ "	Nemeth	Nat, Budapest	5/19/50
(181'5", 195'4 $\frac{1}{2}$ ", 195'1", 194'1 $\frac{1}{2}$ ", 196'5 $\frac{1}{2}$ ", f)			
197'11 $\frac{1}{2}$ "	Jozsef Czernak (Hun)	OG, Helsinki	7/24/52
(191'9", 187'11", 197'11 $\frac{1}{2}$ ", 163'0", f, f)			
200'11"	Sverre Strandli (Nor)	v Fin, Oslo	9/14/52
(200'11 $\frac{1}{2}$ ", 195' e, 197' e, 194' e, 190' e, 190' e)			
204'7"	Strandli	Int, Oslo	9/ 5/53
(204'7 $\frac{1}{4}$ ", 200'8", 196' e, 195' e, 197' e, 194' e)			
207'9 $\frac{1}{2}$ "	Mikhail Krivososov (USSR)	VEC, Berne	8/29/54
(f, 184'1 $\frac{1}{2}$ ", 192'10", 207'9 $\frac{1}{2}$ ", 201'6", 207'6")			
210'1 $\frac{1}{2}$ "	Stanislav Nyenashev (USSR)	Nat, Baku	12/12/54
(204'5 $\frac{1}{2}$ ", 192'1 $\frac{1}{2}$ ", 210'1 $\frac{1}{2}$ ", p)			
211'1 $\frac{1}{2}$ "	Krivososov	WYG, Warsaw	8/ 4/55
(197'2 $\frac{1}{2}$ ", 207'9", 211'3 $\frac{1}{4}$ ", 207'6", 199'10 $\frac{1}{2}$ ", 195'1")			
211'8"	Krivososov	Int, Belgrade	9/19/55
(205'3", 211'8 $\frac{1}{4}$ ", 209'3 $\frac{3}{4}$ ", f, f, f)			
216'1 $\frac{1}{2}$ "	Krivososov	Nat, Nalchik	4/25/56
(f, 216'1 $\frac{1}{2}$ ", p)			
216'4 $\frac{1}{2}$ "	*Cliff Blair (US)	Nat, Needham	7/ 4/56
(216'4 $\frac{1}{2}$ ", remainder of series not available)			
217'9"	Krivososov	Nat, Minsk	7/ 8/56
(205'1 $\frac{1}{2}$ ", 217'9 $\frac{1}{2}$ ", p)			
218'10 $\frac{1}{2}$ "	*Hal Connolly (US)	Nat, Boston	10/ 3/56
(215'2 $\frac{1}{2}$ ", 210'6", 214'11", 216'5 $\frac{1}{2}$ ", 216'6 $\frac{1}{2}$ ", 218'10 $\frac{1}{2}$ ")			
219'4"Q	Krivososov	Nat, Tashkent	10/22/56
220'10"	(215'7 $\frac{1}{2}$ ", 214'4", 220'10 $\frac{1}{2}$ ", p)		
224'10 $\frac{1}{2}$ "	Connolly	Pre-Oly, L Angeles	11/ 2/56
(219'3", 217'8 $\frac{1}{2}$ ", 224'10 $\frac{1}{2}$ ", 215'10 $\frac{1}{2}$ ", 214'7 $\frac{1}{2}$ ", 214'3")			
225'4"	Connolly	AAU, Bakersfield	6/20/58
(217'6", f, 215'11 $\frac{1}{2}$ ", f, 225'4", p)			
230'9"	Connolly	Pre-Oly, Walnut	8/12/60
(225'0", 216'6 $\frac{1}{2}$ ", 230'9", 215'10", 223'6", 225'10")			
231'10"	Connolly	v USSR, Stanford	7/21/62
(227'10", 225'0", 228'10 $\frac{1}{2}$ ", 227'2", 231'10", 227'7")			
233'2"	Connolly	Cal R, Ceres	5/29/65
(224'2 $\frac{1}{2}$ ", 228'5", 228'0", 233'2", 229'6 $\frac{1}{2}$ ", 231'5 $\frac{1}{2}$ ")			
233'9 $\frac{1}{2}$ "	Connolly	SPAAU, Walnut	6/21/65
(233'9 $\frac{1}{2}$ ", 225'3 $\frac{1}{2}$ ", 228'1 $\frac{1}{2}$ ", 225'3 $\frac{1}{2}$ ", f, 225'3 $\frac{1}{2}$ ")			
241'11"	Gyula Zsivotzky (Hun)	Hun IC, Debreczen	9/ 4/65
(229'4 $\frac{1}{2}$ ", 226'1 $\frac{1}{2}$ ", 230'0", 241'11", 232'9", p)			
JAVELIN THROW (e=estimated)			
263'10"	Franklin Held (US)	AC, Pasadena	8/ 8/53
(236'3 $\frac{1}{2}$ ", 257'1 $\frac{1}{2}$ ", 263'10", f, f, 213'4 $\frac{1}{2}$ ")			
266'8 $\frac{1}{2}$ "	*Bill Miller (US)	AC, Pasadena	8/21/64
(266'8 $\frac{1}{2}$ ", 249'9 $\frac{1}{2}$ ", remainder of series not available)			
266'8 $\frac{1}{2}$ "	Held	Cal R, Modesto	5/21/55
268'2 $\frac{1}{2}$ "	(266'8 $\frac{1}{2}$ ", 268'2 $\frac{1}{2}$ ", remainder of series not available)		
274'1 $\frac{1}{2}$ "	Soini Nikkinen (Fin)	Nat, Kuhmoinen	6/24/56
(242'3", 229'3 $\frac{1}{2}$ ", 274'1 $\frac{1}{2}$ ", f, 222'8 $\frac{1}{2}$ ", f)			
274'5 $\frac{1}{2}$ "	Janusz Sidlo (Pol)	Int, Milan	6/30/56
(246' e, 246' e, 274'5 $\frac{1}{2}$ ", 256' e, 249' e, 240' e)			
281'2"	Egil Danielsen (Nor)	OG, Melbourne	11/26/56
(238'2 $\frac{1}{2}$ ", 224'8 $\frac{1}{2}$ ", 232'1 $\frac{1}{2}$ ", 281'2 $\frac{1}{2}$ ", 238'2 $\frac{1}{2}$ ", 225'11")			
282'3 $\frac{1}{2}$ "	Al Cantello (US)	Compton Inv	6/ 5/59
(224'1 $\frac{1}{2}$ ", 279'9 $\frac{1}{2}$ ", 282'3 $\frac{1}{2}$ ", f, f, 236' e)			
284'7"	Carlo Lievore (Italy)	IC, Milan	6/ 1/61
(252'4", 284'7", 280'6")			
285'10"	Terje Pedersen (Nor)	v Benelux, Oslo	7/ 1/64
(f, 268'8 $\frac{1}{2}$ ", 272'10", 267'1 $\frac{1}{2}$ ", 285'10", 270'3 $\frac{1}{2}$ ")			
300'11"	Pedersen	v Czech, Oslo	9/ 2/64
(258'3", 300'11", p)			