

Track & Field News

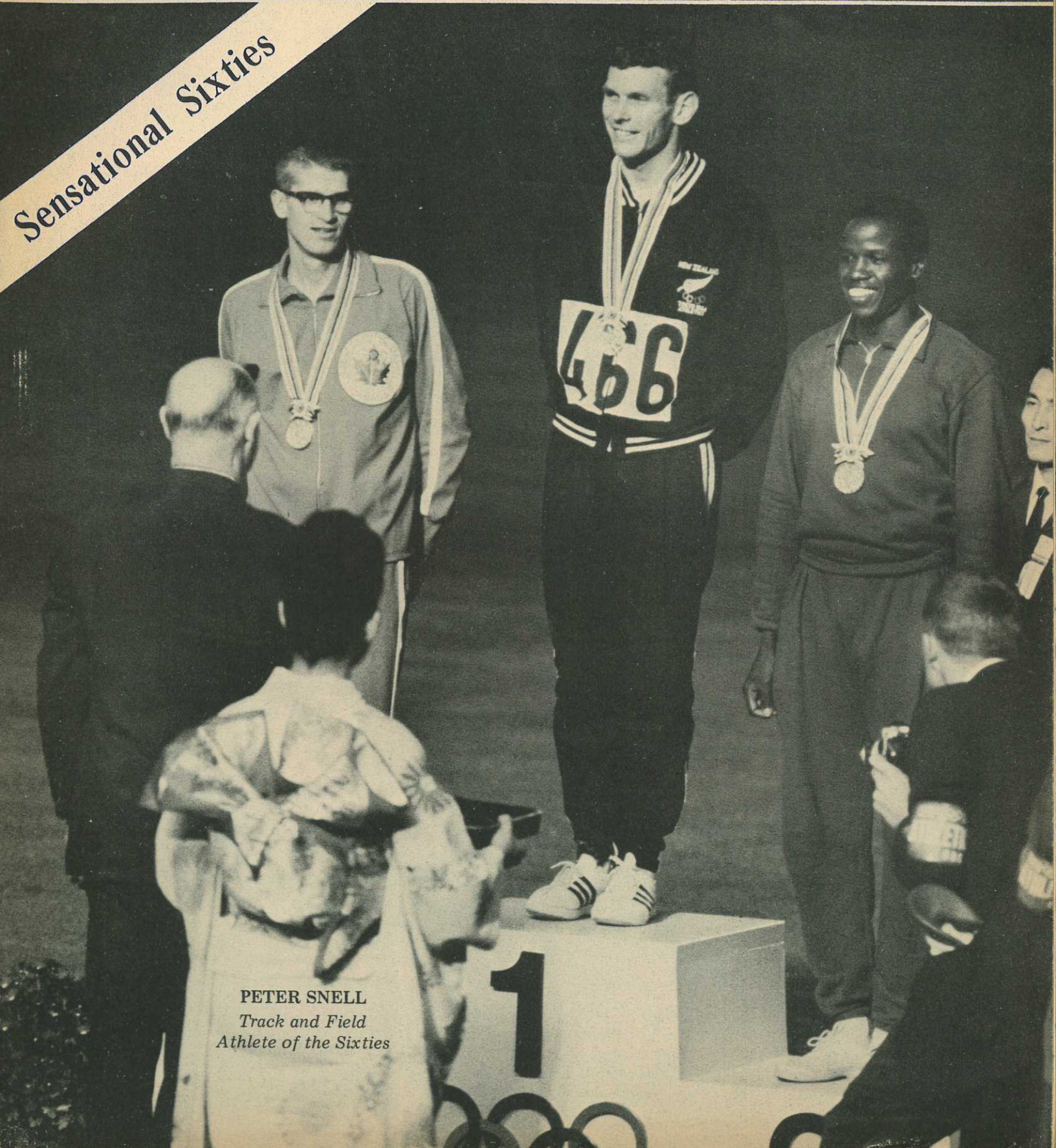
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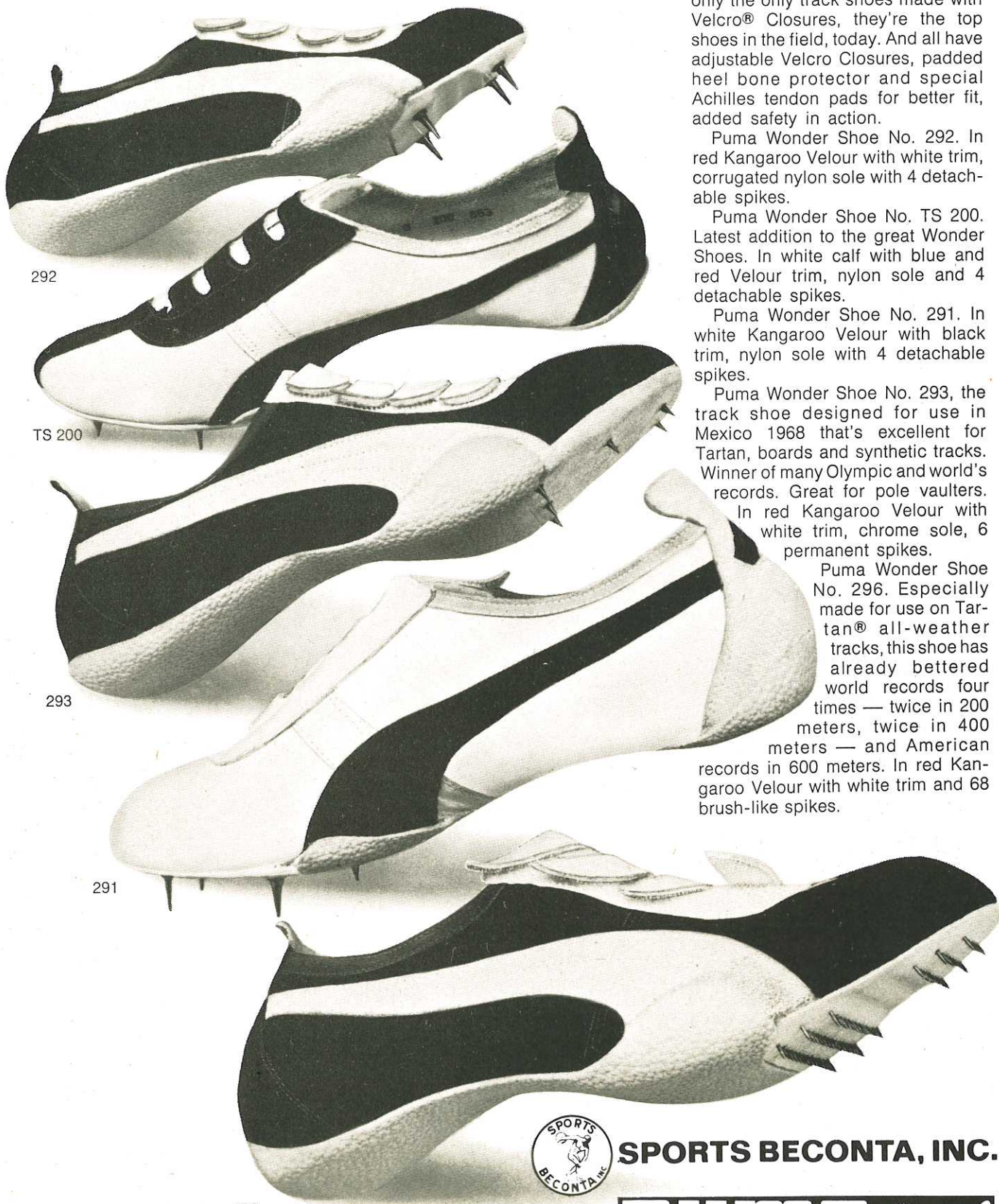
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Toomey Finally Bags Long-Time World Mark Goal: 8417

The NCAA cross country race wasn't the one-sided show it appears here. Gerry Lindgren won, but it was the closest of his 11 collegiate victories as Mike Ryan got within 10 yards at the end. (Walt Westerholm photo)

Bill Toomey stretched and stretched his track season, he wanted the world record so badly. Finally, at a time when even the cross country season had passed and the new indoor year was beginning, he made his last stab at the elusive mark. Putting together solid performances throughout, Toomey pushed his point total nearly 100 points beyond Kurt Bendlin's world record figure of 8319. Bill scored 8417 at UCLA after twice falling less than 50 points short of the record in the past two months.

More normal late-November, early-December activity dominated. During a hectic six-day period surrounding Thanksgiving, three national cross country championships were decided. Jack Bachelor got two of them--the AAU after winning the USTFF--and Gerry Lindgren won his third NCAA. Ken Moore paced an American best of 2:13:27.8 in a super-fast Japanese marathon, while Tom Heinonen won the US 26-mile title. At the other extreme of the distance scale, Gerald Tinker tied the world indoor 50 record of 5.1. It was the Memphis State freshman's initial indoor attempt.

NCAA CROSS COUNTRY CHAMPIONSHIPS

Lindgren Holds off Ryan

by Jim Dunaway

Bronx, N. Y., Nov. 24--Front-running Gerry Lindgren, his glasses steamed up most of the way, won his third NCAA cross country championship over Van Cortlandt Park's 6.0-mile course today.

Lindgren led all the way, opening up as much as 60 or 70 yards on his pursuers, but had to sprint at the end to hold off the finish of defending champion Mike Ryan of the Air Force Academy. The 120-lb. Lindgren was timed in 28:59.2, breaking Ryan's year-old course record of 29:16.8. Ryan, second in 29:01, and Steve Prefontaine, third in 29:12, were also under the old mark. "I was scared, really scared," said Lindgren, "so I wanted to lead all the way. I didn't look back at all," he added, stealing a line from Satchel Paige. "I was afraid I might see somebody gaining on me."

Leading the chase much of the way was Oregon superfrosh Prefontaine, who had beaten Lindgren earlier in the Pac-8's Northern Division race and barely lost to him in the conference championship. "I don't know what happened," said Prefontaine. "I like a fast pace, but I just wasn't right today. Gerry's time at three-miles was 14:14, but in both other races this year I've hit three-miles in about 14-minutes flat... and on tougher courses."

Ryan, who laid off the pace for the first part of the race, probably ran the fastest second half. When the runners came into view for the final three-fourths-mile on the flat, Lindgren was about 60 yards up, but Ryan cut the margin to less than 15 at the finish.

A hot three-way contest for the team title saw Wayne Vandenburg's El Pasoans beat Villanova and Oregon. Despite an off day for Kerry Pearce, who was ill, UTEP put three men in the top 18 and two more close behind Villanova's third, fourth and fifth placers to squeeze out a 74-88 victory. Oregon, a team decimated by a flu epidemic, was third with 113, and nobody else was close.

El Paso was led by frosh John Bednarski (a 28:51.8 10,000 man in England last summer), who finished fourth. Scoring behind him were junior Dan McKilip (10th), and freshmen Ken Breen (18th), Bob Walczak (42nd) and Gary Mazziotti (51st). Breen and Walczak are Australians.

(Continued on page 8)

AAU CROSS COUNTRY CHAMPIONSHIPS

Bachelor Swamps Field

from Tom Jennings and Jim Menlove

Bloomfield Hills, Mich., Nov. 29--Jack Bachelor evidently liked the pace and tactics he used three days ago to win the USTFF championship. He followed a nearly identical pattern today to win the AAU title. Jack obviously adjusted well to the drastic change from Florida's warmth, too, since he handled the slushy, slippery snow here as well as he'd handled the freezing temperatures at the earlier race.

Bachelor, whose hometown is another Detroit suburb, yielded the early leading to Eamon O'Reilly. After a year-long layoff from competition, Eamon claimed to be "in the best shape of my life" and took the field of 200 through nearly three miles. Bachelor was 16th at the mile marker, John Lawson at his side. At two miles, Jack had drawn up to about 10 yards behind the leading group of O'Reilly, Art Dulong, Jim Crawford and Lawson. Bachelor moved ahead smartly at 2½ miles--near the end of the first lap--and the race for first was as well as over. By the end of the 10,000-meter course, he was 50-75 yards in front. Winning time: 30:49.8.

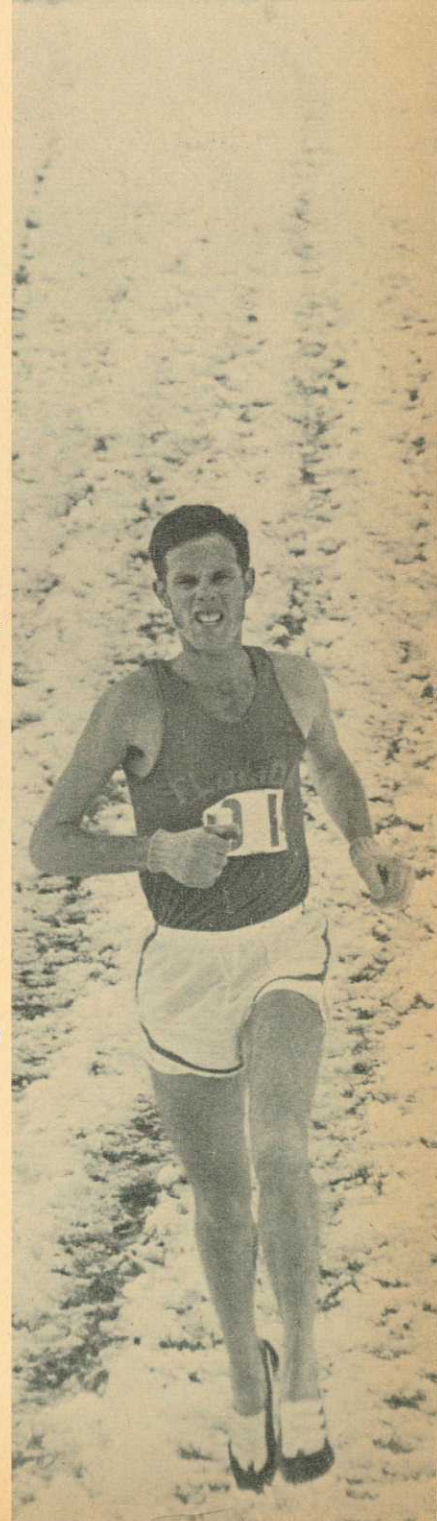
Lawson, who'd tumbled to the snowy turf earlier in the race, won out in a tight three-way confrontation for second place. He ran 31:01, O'Reilly had 31:02 and Dulong--fifth-placer in the NCAA the previous Monday--was fourth here with 31:03.

Illinois junior Ken Howse finished only fourth in the Big 10 meet. Monday, he'd been 37th in the NCAA. His fifth placing here, then, came as a pleasant shock. At 31:08, Howse was 150 yards ahead of everyone else. "Everyone else" included a representative group of internationalists--Olympians Dave Ellis (8th, 31:34), Tom Von Ruden (14th, 31:43) and Bill Reilly (20th, 32:07) among them. Right behind Howse came miler Crawford, running his first big race of the fall. Then two Canadians, Ellis of Eastern Michigan and marathoner Bob Moore. Then a pair of ex-Villanovans, Tom Donnelly and Air Force assistant coach Charles Messenger.

Last year's winner, John Mason, had an ankle injury--no doubt worsened by a half-hour of running on a cold, unstable surface--and he finished 18th.

(Continued on page 8)

Jack Bachelor slips away from pursuers in the snowy AAU championship race. As he'd done three days earlier in the USTFF, Bachelor won. John Lawson, fourth here at four miles, advanced to second. (Jeff Johnson)



News Round-up

NAIA: Foote Gains Surprising Triumph

Oklahoma City, Okla., Nov. 22 (from Wally Schwartz)--Twice Dave Ellis had finished second in the NAIA cross country race. But this year two-time winner John Mason was out of the way, graduated, and Ellis lined up as favorite. Eastern Michigan's 32-year-old Canadian led in the last mile of the 5.0 race then couldn't keep it. Around him went Larbi Oukada of Fort Hays State, last year's third placer, and Ralph Foote of Taylor, who must have had Ellis and everyone else in the crowd asking, "Who's that?" Well, Foote may not have been the best-known runner in the 275-man field, but he established his reputation instantly by being the fastest today. Foote outlegged Moroccan Oukada in the final stages for a two-second victory in 24:53. Ellis let them slip away and ran third in 24:59.

Taylor University is a 1400 enrollment school in Upland, Ind., and it's beginning to be noticed as a producer of distance runners. Last year, the school's Phil Captain ran fifth in the NAIA, Foote 27th. This time, Foote sat off the pace until making his last-mile move on the new, more difficult course. He didn't lead until taking it for good. Foote's last mile was about 4:40. Adams State's Robert Montoya was running a close second at the two-, three- and four-mile points, but he dropped to fourth in 25:05 in the closing rush.

Even without Mason, Fort Hays State renewed its hold on the team championship, winning with 102 points as 63 schools from 28 states competed. Eastern Michigan (118) was second, as in 1968, with Westmont (171) and the rest a good margin back. NCAA college division winner Eastern Illinois got only fifth here with 202 points.

Other leaders: 5. Art Botterill (SWN La) 25:08; 6. M. MacDonald (Adams St) 25:10; 7. D. Tocheri (Nn Ariz) 25:11; 8. Richard Sliney (Nn Ariz/F) 25:12; 9. Dennis Delmott (Emp St) 25:12; 10. H. Sandeo (En NM) 25:14; 11. Jerry Dirkes (St Cloud St) 25:21; 12. Alvin Penka (Ft Hays St) 25:23; 13. M. Nixon (Pittsburg St) 25:24; 14. Jack Weyers (Peru St) 25:25; 15. Martin McIntire (En Ill) 25:29. Other teams: 4. Adams State 201... 6. Emporia State 244; 7. Taylor 300; 8. Eastern New Mexico 305; 9. Northern Arizona 310; 10. Southwestern Louisiana 325.

USTFF: Bachelor Paces 2 El Pasoans

University Park, Pa., Nov. 26--From the third mile until he ducked to avoid a collision with the archway marking the race's end, Jack Bachelor maintained total command of the USTFF cross country championship. The races for the places behind him and for the team title involved considerably more suspense. Coming up from warm Florida, Bachelor met with brisk, near-freezing temperatures here. While warming up, Jack lagged some 50 yards off the pace being set by El Paso's Kerry Pearce and John Bednarski. Bachelor pulled up and away just before going through a 14:40 three-mile. He was 150 yards clear of the field at the finish of the 6.0-miler, reached in 29:35.

Two days earlier, El Paso had won the NCAA title, but not without complications. A stomach disorder had limited Pearce there, and he was the team's

El Paso's Kerry Pearce (l) and John Bednarski aren't winning in this finish-line scene at the USTFF race, but under the circumstances they can take satisfaction in their second (Pearce) and third places. Both had been felled by a mysterious stomach ailment the past two days yet they boosted their team to both the Federation and NCAA titles. (Jeff Johnson)



seventh finisher. Bednarski and Dan McKillip had since picked up the "bug", and Bob Doyle had returned home for his grandmother's funeral. McKillip couldn't run, but Bednarski recovered enough to allow a full team to race NCAA second placer Villanova. It wasn't as close this time. Five seconds separated the second and fifth finishers, and three were El Pasoans: 2. Pearce 30:01; 3. Bednarski 30:01; 4. Donal Walsh (Vill) 30:02; 5. Ken Breen (El Paso/F) 30:06. El Paso totaled 44 points to Villanova's 80.

Coming as it did two days after the NCAA, it was a tough double for a good part of the field. Fifteen of the top 20 had raced Monday.

Other leaders: 6. Pat Leedy (E Tenn St) 30:11; 7. Anthony Risby (Nev) 30:16; 8. Phil Banning (Vill F) 30:20; 9. Dennis McGuire (Ia St) 30:20; 10. Hector Ortiz (Wn Ky) 30:27; 11. Bob Gray (Ark St U) 30:32; 12. John Loeschorn (N Car TC) 30:37; 13. Rich Spurling (Conn) 30:41; 14. Chris Mason (Vill) 30:46; 15. (tie) Gerry Garcia (Lamar Tech) & Don Jayroe (N Car TC) 30:49; 17. Bob Walczak (El Paso/F) 30:50; 18. Ken Misner (Fla St) 30:52; 19. Vic Nelson (Ky) 30:53; 20. Don Rowe (St John's) 30:54; 21. Carl Hatfield (Pa Strid) 30:55; 22. Greg Fredericks (Penn St) 30:55; 23. John Vitale (Conn) 30:58; 24. Gareth Hayes (N Car TC) 30:58; 25. Gary Mazziotti (El Paso/F)... 41. Marty Liquori (Vill) 31:31. Other teams: 3. Florida TC 119; 4. North Carolina TC 144; 5. Penn State 153; 6. Connecticut 165; 7. Lehigh 183; 8. Nevada 192.

AAU Marathon: Youth Movement Takes Wrong Turn

Culver City, Calif., Dec. 7 (by Joe Henderson)--This country's marathon "youth movement" was about make another stunning breakthrough when it suddenly took a turn for the worst. Just past 20 miles in the national AAU championship, Fred Ritcherson, 19, and Chuck Smead, 18, were pounding along (accompanied by ex-San Jose Stater Byron Lowry) at sub-2:20 pace. They'd long since cleared themselves of the 400-man field. The three reached a confusing, ill-marked and unpoliced "Y" intersection in downtown Culver City and had to make a quick decision. They chose wrong, going left instead of right, and went miles out of their way before realizing their error.

Tom Heinonen took over from the first three once they'd gone astray and won by over four minutes with 2:24:43. He was left by himself when Bob Deines strained his achilles tendon at 22 miles and retired. Jack Leydig, at 2:28:52, was a surprise second-placer and the only other sub-2:30 finisher.

Southern California's two abundant commodities--young and old marathoners--were well represented on the sunny, 60° morning. Craig Streichman (South HS, Torrance) placed 10th with 2:31:55, and three other preps finished among the first 23: South Torrance's Mike Baer (18th, 2:34:50), and George Khouri (19th, 2:35:35) and Chris Hoffman (23rd, 2:38:18) of St. Bernard in Playa Del Rey. Dave Waco, who's hardly old at 35, was third in 2:30:07, while farther down the line 62-year-old Monty Montgomery ran 2:54.

Other leaders: 4. Bill Anderson (SBAC) 2:30:44; 5. Jim Davis 2:30:54; 6. Bill Gookin (SDTC) 2:31:14; 7. John Brennand (SBAC) 2:31:24; 8. Phil Camp (Strid) 2:31:28; 9. Wayne Van Dellen (High Sierra TC) 2:31:36.

In the final decathlon of his career--and 10th this year--Bill Toomey finally achieved his long-sought goal. His 8417 total gave him his first world record. Here he finishes his 4:39.4 1500, followed by training-mate Barry King (center), 4:40.9 and a 7191 total, and John Warkentin (r), 4:40.2 and 7440 in second. (Photo by Don Chadez)



Strider Decathlon: Toomey Finally Does It, 8417

Los Angeles, Calif., Dec. 10-11 (by Bert Nelson)--There was no tomorrow in Bill Toomey's already brilliant decathlon career as the Olympic champion squared off against the elusive world record for the last time and he responded superbly with a new all-time high of 8417 points.

It was a fitting and well-deserved climax to a year of unheard-of achievement. Competing in a record 10 decathlons, Toomey was over 8000 points seven times (only one other has managed it more than twice in an entire career), over 8100 six times and over 8200 three times (both achievements equaling the all-time totals of all other performers in history), and averaged 8321, better than the world record, in his last three outings.

And it was, quite possibly, the most severe challenge yet faced by the 30-year-and-11-month old veteran of the 10-event wars. In man-to-man struggles Toomey had proven time and again that he is nothing if not competitive. In the Olympics and elsewhere, he had turned back the best shots of the world's foremost decathletes, including those of Kurt Bendlin, recordman at 8319. But the adrenalin doesn't flow as readily competing against a scoring table and Bill had struggled gallantly, albeit futilely, in three successive record attempts.

Discouraged but refusing to admit failure, Toomey decided to have one final go. This had to be it, finally, for winter was closing in, Bill was being married to former Olympic champ Mary Rand the next week, and a new occupational career was about ready for launching. The superb track and field at UCLA were made available once again and the Southern California Striders Invitational Decathlon was scheduled for the 10th and 11th, rain or shine.

With seven weeks rest and preparation since his last near miss, Toomey was ready as never before. He was confident, but not overly so, well remembering his previous defeats at the hands of Mr. 8319.

The weather was ideal, sunny, smog-free, practically windless and with the temperature climbing into the mid-sixties as the 6'1 $\frac{1}{2}$ " 190-lber faced the 10 a.m. starting gun for the 100-meters. Flying down the red Tartan track, Bill clocked 10.3 for 986 points and a highly-promising start. It equaled his lifetime best achieved in the 1966 AAU when he surprised with 8234 points to better the world record, only to lose it on a technicality.

What the 100 intimidated, the long-jump confirmed--Toomey was on his way. He hit the board well, overcoming recent step problems, and broke the sand at 25'5 $\frac{1}{2}$ ". It was only a half-inch short of his low-altitude best, gave him 972 points, and left him highly satisfied. "I was aggressive, right on the board," he said. "I wish we had a wind gauge. I feel like I might do 26-feet today." But his next two jumps were "only" 25'0".

Continuing to pour it on, Bill popped the shot 47'2 $\frac{1}{4}$ " on his first effort. Again he couldn't improve on a good beginning, hitting 46'10 $\frac{3}{4}$ " and 45'6 $\frac{1}{2}$ ". It was a personal record by 5 $\frac{1}{4}$ " but the 751 points was to be his lowest score excepting the 1500-meters.

Next up was the high jump, which Toomey admitted later was the turning point. "Yes, I was worried, I pretended I wasn't, but I really was." The cause of his concern was his drop-off from 6'6 $\frac{3}{8}$ " at Warsaw to a mere 6'7 $\frac{7}{8}$ " in his next meet and 6'2 $\frac{5}{8}$ " in the last two. Sure enough, Bill ran into trouble, missing twice at 6'2 $\frac{1}{2}$ ". Hearts were throat-high on the last jump and it turned out to be a stomach churner as he hit the bar and jiggled it. The crosspiece stayed in place and Toomey went on to make 6'4". This was worth 796 points, 71 more than he would have gotten for 6'7 $\frac{7}{8}$ " if the bar had fallen at 6'2 $\frac{1}{2}$ ".

Relieved over the high jump, Toomey may have subconsciously eased off a mite in the 400. He does best under pressure and a bit of it had been removed. In any case he ran 47.1, good for a very nice 943 points, but not as nice as the 46.4 he sped here seven weeks ago. That ended the first day with 4448 points, his best ever at normal altitude. He had totaled 4499 at Mexico City and 4468 at South Lake Tahoe, taking advantage of rarefied atmosphere in the 100, 400 and long jump.

Weatherly, the second day was a duplicate of the first and the pattern was similar. Although hitting five hurdles, Bill reached the tape in 14.3, his best ever non-windy mark in a decathlon. The 943 points put him over 900 for the fourth and final time. By now, scoring tables were in use all over the field as projections were made and high hopes rose even higher.

They continued to soar as Toomey spun the discus 152'6", his second-best ever. He did only 143'1 $\frac{1}{2}$ " and 142'10" on his other tries but was happy with his 809 points.

Now came the key event of the second day, the vault. An erratic vaulter at best, Bill had shown potential well above his 13'9 $\frac{1}{2}$ " official high, but also had had some bad moments, with a mark this year as low as 12'5 $\frac{3}{8}$ " and two harrowing misses at opening height in the Olympics. Today belonged to Toomey, though, and he looked like a vaulter as he worked his way over 13'6 $\frac{1}{4}$ " with no misses. He was over a personal record 14'1 $\frac{1}{4}$ " on his first try and the small but enthusiastic crowd went wild. Now, barring injury, there was hardly any way the record could be denied him. The 876 points brought his total to 7059 and he needed only 205-feet in the javelin and 4:36 in the 1500 to go as high as 8400 points.

The first javelin throw touched down at 215'8" and it was time for rejoicing. With another 830 points in the bag it would take only 4:55.8 to crack the record and it was a question of how much he could exceed the old mark.

Weary throughout (who isn't in a decathlon 1500?), Toomey kicked home in 4:39.4, a bit slower than usual. But nobody cared, least of all the new record holder. The 528 points for a personal second day high of 3969 and a 98-point record margin was good enough, and then some.

Surrounded by newsmen and happy-for-him fans, the naturally tired and pleased Toomey was poised, articulate, and gentlemanly in his post-race interview. Sprawled on the track, he panted, "I dedicate this meet to all who advised me to quit. And to the Salina chamber of commerce." Then he offered thanks, to UCLA coaches Jim Bush and Tom Tellez, for making available their facility and for coaching assistance, to track nut Dick Bank for organizing the competition, to training companion Barry King of England, "the best anyone ever had", and to "all the others who helped by being here, and in so many other ways."

Other Toomeyisms included: "I used to think it would be easy to put all the events together. I've changed my mind... This decathlon came 10 years

after my first one. It started at 10 a.m. on the 10th. It was my tenth of the year. I was born on the tenth. There are 10 events in the decathlon and 10 letters in my name... This is my last outdoor meet but I'll do an indoor pentathlon for my friends in San Francisco, and to promote my event... I'm particularly pleased to have achieved this with a bum mitt. I cut my right wrist and hand on glass when I was a kid and lost 75% of the hand's function. I've gotten back only about 20% of it and it affects everything I do with that hand. I can't even button some shirts."

Toomey's companions in his 35th decathlon were three young prospects with good prospects. Neither John Warkentin of Fresno State nor George Pannel of Westmont had prepped for the meet, spending the fall on strength training, but they scored 7440, Warkentin's second-highest ever, and 7094, within 65 digits of Pannel's lifetime best. Sandwiched between was King with 7191.

1. Toomey (Strid) 8417 WR, AR (10.3, 25'5 $\frac{1}{2}$ ", 47'2 $\frac{1}{4}$ ", 6'4", 47.1, 14.3, 152'6", 14'1 $\frac{1}{4}$ ", 215'8", 4:39.4); 2. Warkentin 7440 (11.3, 22'2 $\frac{1}{4}$ ", 46'9 $\frac{3}{8}$ ", 6'0", 49.2, 15.2, 142'6", 12'5 $\frac{3}{8}$ ", 204'11", 4:40.2); 3. King (unat) 7191 (11.2, 22'5 $\frac{1}{4}$ ", 53'5", 5'8 $\frac{3}{8}$ ", 51.6, 16.6, 155'11 $\frac{1}{2}$ ", 11'5 $\frac{3}{8}$ ", 186'0", 4:40.9); 4. Pannel 7094 (10.9, 21'10 $\frac{3}{8}$ ", 44'2 $\frac{1}{4}$ ", 5'10 $\frac{7}{8}$ ", 49.1, 14.8, 124'9", 11'5 $\frac{3}{8}$ ", 154'11", 4:40.5).

Other: Tinker Matches Indoor 5.1 Record

Gerald Tinker's indoor career began brilliantly. Now a freshman at Memphis State, he dashed 50-yards in 5.1 during the first major indoor meet of the year--his first-ever. That 5.1 at the Liberty Bowl Indoor at Memphis, Dec. 9, tied the world, American and collegiate indoor records and gives Tinker sole ownership of the freshman mark. Tennessee freshman Merlyn Hood did 5.2 in second. Other highlights included Ron Jourdan's high jump victory over Dick Fosbury, 7'0" to 6'8"; Bob Seagren's 16'0" vault win, and Bill High's 6.0 in the 50-yard highs. (from Art Jester)

Colorado landed quite a pair of junior college transfers. Between them, they accumulated three world record tying indoor marks--or at least times that would have tied world records under legal conditions--during an intrasquad meet at Boulder, Dec. 6. Cliff Branch, an arrival from Wharton JC, sprinted 60-yards in 5.9. Marcus Walker, formerly of Butler County JC, was close behind with the same time. Walker also high hurdled 6.9, and low hurdled 6.5 for 60-yards. The lows mark matches the world best. But two things work against them. This wasn't an official meet, and they ran on a non-board (it was clay) track. Other early indoor marks: DeWitt Davies (Dartmouth) threw the 35-lb. weight 59'9 $\frac{1}{2}$ ", 60'10 $\frac{3}{8}$ " and 60'11"--all personal bests--in three all-comer meets at Dartmouth. Al Hall won the third at 61'9 $\frac{1}{4}$ ".

Outdoors, North Texas State's Bill Schmidt hoisted his javelin best to 259'1" in a late (or is it early?) meet. Stanford's Greg Brock and Don Kardong ran three-miles of 13:37.4 and 13:38.2. Henry Hines long jumped 25'9 $\frac{1}{2}$ ". Puerto Rican 20-year-old Jorge Vizcarrondo, who hopes to attend a US college, sprinted 10.2 for 100-meters in the Central American and Caribbean trials.

World Highlights

A trio of North American marathoners, Jerome Drayton (Can), Pablo Garrido (Mex) and Ken Moore (US), scurried to national bests in the always-fast Fukuoka International race in Japan, Dec. 7. Drayton was superb. Two months earlier, he had done an unchallenged 2:12:00 in Detroit. But here he was facing many of the world's best distance men--including European champion Ron Hill. Running in the rain, Drayton pulled off an important upset by winning in 2:11:12.8. That makes him third-fastest, and his time fifth, in marathoning history. Hill was a furlong back at the finish but got a personal best of 2:11:54.4--putting him fifth on the all-time list. Japan's Hayami Tanimura (2:12:03.4) came home next, and Garrido ran 2:12:52.8 in fourth.

Moore, an avowed novice at this distance who says he considers it "my favorite", clipped just over a minute from the US best Buddy Edelen had owned since 1963. Ken finished seventh in 2:13:27.8, compared with Edelen's 2:14:28.0 and the 2:14:28.8 Amby Burfoot did at Fukuoka last year. Moore, an Army PFC, has spent most of the fall in Japan preparing for this race. His best had been 2:25:03. Two other Orient-stationed servicemen competed. Bill Clark finished 45th in 2:26:07.8, and Ed Hereford was 54th in 2:28:13.0.

Eight broke 2:15, and another 10 (including Canadian Bob Moore, who improved by two minutes to 2:16:53.6) were under 2:20 on the flat course where two of the fastest three marks of all-time have occurred.

With the spring season in full swing "down under", Australians have produced some fine performances. Jumpers Phil May and Lawrie Peckham have recorded top-quality marks, May triple jumping 55'2 $\frac{1}{4}$ " and 53'10 $\frac{3}{8}$ " with wind (barely over the allowable on the longer effort), while Peckham has topped 7'2" after earlier 7'1" and two 7'0" leaps. Kerry O'Brien steeped 8:31.6 and then defeated Ron Clarke over 5000-meters, 13:42.6 to 13:46.8. Clarke had earlier covered three-miles in 13:21.4. Gary Knoke concentrated on flat distances from 100- through 800-meters early in the season but returned to the hurdles and clocked a windy 13.9 over the 110-meter highs. (from Bernie Cecins)

Records Altered

These record alterations have been reported since the November issue. W=world, A=American, C=collegiate, F=freshman, "=" equals record, *="not officially recognized.

OUTDOOR			
Mar	2:13:27.8 A*	Ken Moore (US Army)	Fukuoka, Japan 12/7
Dec	8417 W, A	Bill Toomey (Strid)	W Los Angeles 12/10-11
INDOOR			
50	5.1	=W=A=C F Gerald Tinker (Mem St)	Memphis, Tenn 12/9

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Cross Country Report

by Joe Henderson

Remnants from the now completed cross country season: Jack Bachelier, John Lawson and Eamon O'Reilly--the first three placers in the AAU championship--all hinted at what was coming with splendid pre-nationals races. Bachelier whipped through 4.0-miles on his home course at Gainesville, Fla., in 18:21.4--a record for the route. Lawson dealt Pacific Coast Club teammate John Mason his first cross country loss in three seasons at the Long Beach Invitational. O'Reilly, who'd skipped major competition for 14 months, returned to the form of his life this fall and set a course record--19:00.2 for 4.0-miles--at Georgetown.

Between his 2:12 and 2:11 marathons, Jerome Drayton squeezed an easy win in the Canadian championships. The course at Vancouver covered 12,000-meters (about 7½-miles)--a standard international distance. At the end of it, Drayton led by more than 100 yards with 37:46.8. Englishman Nigel Evans was second in 38:11.6, with 20-year-old Dave Atkinson (formerly of Indiana) next at 38:14.4 and New Zealand internationalist Lloyd Walker fourth with 38:21.2. Other leaders: 5. Michael Goerke 38:25.2; 6. Bob Fahy 38:30.0; 7. Bob Moore 38:49.4; 8. Jack Burnett 39:03.8; 9. Ray Varey 39:11.0; 10. Bob Tapping 38:13.8. (from Lloyd Swindells) Grant McLaren owned a 1:35 lead over the field when he finished the Canadian Intercollegiate race. (from Lyle Sanderson)

Kentucky's Vic Nelson and Tennessee's team won Southeastern Conference titles. Reversing last year's finish, Nelson outran Owen Self of Tennessee, 18:42 to 18:49, on a 4.065-mile course at Birmingham, Ala. The route obviously was a fast one as the first 19 runners beat 20 minutes. Other leaders: 3. Dave Scire (Tenn) 18:51; 4. John Parker (Fla) 18:55; 5. John Stewart (LSU) 18:57. For Tennessee, the team win was fifth in a row, and it came rather easily over early-season favorite Florida, 34-48. Mississippi scored 125 in third.

Texas' Fred Cooper sped away to a 23-second victory in the Southwest Conference race, but his team had to sweat out a one-point victory over Southern Methodist. Cooper ran the demanding Lubbock, Tex., 3.0-mile course in 15:15. Behind him, SMU runners went 2-4-5 (Stan Hill 15:38, Doug Whitley 15:46, Jack Pyle 15:50), with Tavo Rubio of Texas Christian third in 15:40. Fifth men decided the team winner, with Texas' placing 17th and SMU's 30th.

Junior collegians decided champions on two fronts. The national meet at Pittsburgh, Pa., drew 195 runners. Dashing through the snow, Jan McNeale of Lane CC in Oregon beat Gayon Smith of Calhoun JC in Alabama around the 4.175-mile course, 24:14 to 24:16. Rob Cool (Grand Rapids JC) ran third in 24:24. The team title went to Vincennes JC of Indiana. California's JCers aren't eligible for the nationals, but their own state championship is a high-class affair. Rick Hitchcock (Bakersfield) and Ruben Chappins (Cerritos) traded leads several times in the last half-mile (of the 4.0-mile race) before Hitchcock spurred to a 19:39.6 to 19:43 win. Mark Covert of Los Angeles Valley's winning team finished third in 19:50. (national results from Neil Cohen)

In California conference meets, Ethiopian Matias Michael and his Cal Poly/San Luis Obispo won the CCAA, and Bob Macias and fellow Long Beach State runners took the PCAA.

Ecstatic national junior college winner Jan McNeale lets his happiness show as he plows the final few feet of snow. The Lane (Oregon) CC student averaged little better than six-minute miles over the wearying surface.

Another of Villanova's British Isles imports, Phil Banning, wins the IC4A freshman race. He joined his varsity mates after that and helped the team to second place in the NCAA meet behind El Paso. (Photo by Francie Johnson)

Harvard half-miler Keith Colburn completes his winning journey in the Heptagonal championships. A week later, on the same Van Cortlandt Park 5.0-mile course, he picked up third in the IC4A. (Photo by Jeff Johnson)



Minnesotans travel the Big 10 route the way they finished it--in front. Garry Bjorklund (r) went ahead of teammates Don Timm (105) and Tom Page to win it. Timm was second, Page third. Later, freshman Bjorklund finished sixth in the NCAA meet--one of three frosh squeezing into the top six. (Photo courtesy of Indiana University)



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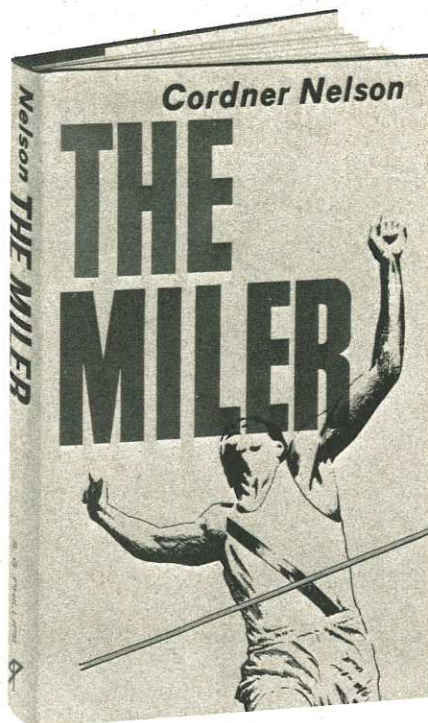
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NCAA, AAU Reports

NCAA CROSS COUNTRY (Continued from page 3)

Villanova, which had won the team crown three years in a row, missed a fully effective Marty Iquori even more than El Paso missed Pearce. Liquori, coming back slowly after a 2½-month layoff due to a persistent foot injury, was 72nd, just three places behind Pearce. Oregon was without the services of Norm Trerise (flu), and number two man Steve Savage was off form, finishing 153rd. With all three top teams hurting, the one with the greatest depth was the winner.

Individually, fifth place finisher Art Dulong, the IC4A champion, was followed by the three biggest surprises of the meet -- freshman Garry Bjorklund of Minnesota, miler Howell Michael of William & Mary and Charles Shrader of Maryland. Stanford's Greg Brock and El Paso's McKillip rounded out the top 10.

Lindgren thus retires from NCAA competition with 11 of a possible 12 individual distance running championships. He won the outdoor three- and six-mile double three times, three harrier titles and two indoor two-mile titles. His only miss was the 1968 indoor two-mile race, in which Jim Ryun outkicked him. With the outdoor double an impossibility from now on due to the planned heats in the three-mile, Lindgren's collection will probably never be beaten. Even with freshmen eligibility, a runner would have to sweep all possible races to do it, and that would take at least... another Lindgren. Ave atque vale.

First 50 of 254 finishers. (*=doesn't count in team scoring)

1. Gerry Lindgren (Wash St) 28:59.2	26. Bob Bertelsen (Ohio U)* 30:09
2. Mike Ryan (Air Force)* 29:01	27. Roscoe Divine (Ore) 30:10
3. Steve Prefontaine (Ore/F) 29:12	28. Hector Ortiz (Wn Ky)* 30:12
4. John Bednarski (El Paso/F) 29:17	29. Don Timm (Minn) 30:13
5. Art Dulong (Holy Cross)* 29:27	30. David Wottle (B Green St) 30:14
6. Garry Bjorklund (Minn/F) 29:37	31. Phil Banning (Vill F) 30:17
7. Howell Michael (W&M)* 29:38	32. Jerry Dirkes (St Cloud St)* 30:18
8. Charles Shrader (Md)* 29:42	33. Mark Hiefield (Wash St/F) 30:19
9. Greg Brock (Stanford)* 29:46	34. John Vitale (Conn) 30:21
10. Dan McKillip (El Paso) 29:51	35. Don Rowe (St John's) 30:22
11. Donal Walsh (Vill) 29:56	36. Chris Mason (Vill) 30:23
12. Sid Sink (B Green St) 29:57	37. Ken Howse (Ill) 30:25
13. Ken Misner (Fla St)* 29:57	38. Des McCormack (Vill) 30:26
14. Ken Silvious (En Ky)* 29:58	39. Pete Brang (Nebr) 30:27
15. Mike McClendon (Ore) 29:59	40. David Wright (Vill) 30:28
16. Dennis McGuire (Ia St)* 30:00	41. Ron Stonitsch (CW Post)* 30:29
17. Jerry Richey (Pitt)* 30:00	42. Greg Dykstra (Ill) 30:35
18. Ken Breen (El Paso/F) 30:02	43. Bob Walczak (El Paso/F) 30:42
19. Rick Riley (Wash St) 30:02	44. Lynn Lee (Drake)* 30:43
20. Ed Walsh (Manhattan) 30:03	45. Greg Fredericks (Penn St) 30:43
21. Gary Harris (Wn Mich) 30:04	46. Wade Jacobsen (Mont)* 30:44
22. Jean Dextras (Ohio St)* 30:05	47. John Collet (De Paul)* 30:45
23. Gerry Garcia (Lamar T)* 30:06	48. Barry Roocker (Princeton) 30:46
24. Oscar Moore (Sn Ill)* 30:07	49. John Cragg (St John's/Min)* 30:47
25. Bob Gray (Ark St U)* 30:08	50. Owen Self (Tenn) 30:48

Teams	Places	Scores
1. El Paso	3-5-9-26-31 (36-43)	74
2. Villanova	6-16-20-22-24 (46-58)	88
3. Oregon	2-8-13-38-52 (105-113)	113
4. Washington State	1-10-17-68-91 (126)	187
5. Illinois	21-25-50-53-54	203

Other teams: 6. Western Michigan 222; 7. Minnesota 295; 8. Pennsylvania 299; 9. Bowling Green State 335; 10. Penn State 352; 11. Connecticut 356; 12. Houston 382; 13. Miami/Ohio 401; 14. Manhattan 408; 15. Nebraska 420; 16. Providence 420; 17. Long Beach State 430; 18. Tennessee 445; 19. Cal Poly/Pomona 463; 20. Princeton 498; 21. Kansas 512; 22. Missouri 543; 23. Georgetown 560; 24. Cincinnati 562; 25. St. John's 571.

AAU CROSS COUNTRY (Continued from page 3)

It was only Mason's second cross country loss in three seasons (Lawson beat him earlier this season), but he got some satisfaction from contributing to his team's easy win. The Pacific Coast Club of southern California had all kinds of trouble with the snow, but still put five men in the top 22 for 37 points. Lawson, Jerry Jobski (13th) and Doug Wiebe (22nd) all fell during the race. Wiebe's problems compounded when he lost a shoe while running fourth and fell back 25 places while replacing it. Von Ruden, apparently the only trouble-free man of the club's five, finished 14th.

The Ann Arbor TC originally was given second but was disqualified for using several out-of-district athletes (all from Ohio). For some reason, Michigan residents Steve Danforth, a prep, and Tracy Elliot were ruled eligible, but three other team members, Dave Wottle (30th), Sid Sink (32nd) and Bill Beatty (38th) were booted from the competition completely. Not even their individual placings were allowed to stand.

The disqualification boosted the University of Chicago TC to second with 85 points. The San Diego TC also scored 85 but its first man didn't place as well as UCTC's.

With the USTFF draining away most of the collegians who still wanted to compete after the NCAA, few doubled back in this race. Of those who did, only Dulong, Howse and John Collet crashed the top 30. Western Kentucky's Hector Ortiz apparently was the only man to pull of a draining six-day triple. He placed 28th in the NCAA, 10th in the Federation and 40th here.

First 50 of 185 finishers: (*=doesn't count in team scoring)

1. Jack Bachelor (Fla TC) 30:49.8	26. Bob Fitts (Millrose AA)* 32:15
2. John Lawson (P Coast) 31:01	27. Rich Gross (Ill) 32:17
3. Eamon O'Reilly (unat)* 31:02	28. Steve Whittle (SDTC) 32:18
4. Art Dulong(HCross/Spartan)31:03	29. Charles Warthan (unat)* 32:22
5. Ken Howse (Illinois)* 31:08	30. Steve Danforth (Mich HS)* 32:33
6. Jim Crawford (unat)* 31:32	31. John Parner (Fla TC) 32:34
7. Bob Moore (Toronto OC)* 31:33	32. Tom Bache (SDTC) 32:39
8. Dave Ellis (En Mich) 31:34	33. Tracy Elliot (B Green/F)* 32:41
9. Tom Donnelly (Phila AC)* 31:35	34. Bob Gray (UCTC) 32:42
10. Charles Messenger (USAF)*31:37	35. Paul Pearson (Tor OC)* 32:43
11. Ray Varey (Hamilton OC)* 31:39	36. John McDonnell (NYAC) 32:52
12. Grant Colehour (UCTC) 31:40	37. Russ Evans (Ham OC)* 32:54
13. Jerry Jobski (P Coast) 31:41	38. Dave Campbell (En Mich) 32:55
14. Tom Von Ruden (P Coast) 31:43	39. Chris Boulter (Wn Ont)* 32:58
15. Otis Martin (San Diego TC) 31:45	40. Hector Ortiz (Wn Ky)* 32:59
16. Brian Kivlan (LIAC)* 31:53	41. Brian Bisson (Kit-Wat TC)* 33:00
17. John Collett (DePaul/UCTC)32:00	42. Craig Runyan (Colo TC)* 33:05
18. John Mason (P Coast) 32:01	43. Terry Dooxey (En Mich) 33:08
19. Cliff Clark (USAF)* 32:04	44. Doug Brown (unat)* 33:09
20. Bill Reilly (NYAC) 32:07	45. Dan Rearick (Fla TC) 33:10
21. Bob Fahy (Toronto OC)* 32:08	46. Frank Murphy (NYAC) 33:13
22. Doug Wiebe (P Coast) 32:10	47. Jim McLatchie (UCTC) 33:16
23. Barry Brown (NYAC) 32:11	48. Jim Bilsborrow (En Mich) 33:17
24. Art McAndrew (unat)* 32:12	49. Joe Bessell (NYAC) 33:18
25. Tom Heinonen (SDiego TC)32:14	50. Mike Koerner (Harv/Camb)33:20

Teams	Places	Scores
1. Pacific Coast Club	2-6-7-10-12	37
2. UCTC "A"	5-9-18-24-29	85
3. San Diego TC	8-14-15-17-31	85
4. New York AC	11-13-19-23-26	92
5. Eastern Michigan	4-20-21-25-27	97

Other teams: 6. Florida TC 103; 7. Spartan AC 166; 8. Cambridge Sports Union 202; 9. Motor City Striders 226



LEFT: Steve Prefontaine (431) pins his attention on unpictured leader Gerry Lindgren after a mile of the NCAA race. John Bednarski and Donal Walsh are closest to eventual third-placer Prefontaine. (Photo by Walt Westerholm)



RIGHT: Coming down a treacherous ski-like slope after two miles of the AAU race, five of the top six runners already have taken charge--though not their final order. Eamon O'Reilly, Art Dulong, Jim Crawford, John Lawson and Jack Bachelor run in a row. (Photo by Jeff Johnson)

USTFF, NCAA TEAM CHAMPS

No Path of Roses for El Paso

by Joe Henderson

When Wayne Vandenburg arrived on the El Paso campus of the University of Texas (then Texas Western) in 1966, he made it clear right away that Vandenburg-coached teams intended to go to the top. "We're going to win an NCAA championship within three years," the 24-year-old brashly claimed. Claims like this are an essential part of the Vandenburg style, along with total track involvement and enthusiasm, a gift for pulling in athletes from faraway places and an inclination toward talking for hours on end--particularly if the talk concerns University of Texas at El Paso track teams.

Three unsettled years of track passed. No NCAA championship. But Vandenburg and UTEP finally caught his dream at this fall's national cross-country meet. Wayne, who calls T&FN often and gabs at length, phoned to release enthusiasm and to assure us of the "full story" about his team. "We were a semester late," he bubbled, "but we got that championship."

Actually, the victory in New York City wasn't a big surprise. Despite an NCAA-clamped restriction on Vandenburg's vigorous recruiting, the school had pulled in a number of tough freshmen to compliment a force which already included Kerry Pearce, Ken Breen and Dan McKillip. Even without Pete Romero and Rod Hill (red-shirted) and Chris Fisher (returned temporarily to Australia because of family problems), UTEP was a favorite in the NCAA. But medical complications cropped up, producing a story good enough for "Marcus Welby, M.D." or "General Hospital". Vandenburg traced the cases, coloring them with his own dramatic touches.

"Pearce, of course, had a bad back all season," the coach said, "and he didn't run a race until the conference (WAC) meet. I was thinking of red-shirting him if he didn't heal sufficiently. But even on nothing but long road runs, up to 23 miles, all fall and with no racing he was in good shape (he tied for first there with John Bednarski, a freshman from England). McKillip collapsed in the WAC race. Doctors tested him and found his blood sugar level was way down. He was 'down' mentally, too, and I wasn't sure how he'd do in New York."

Two weeks before the NCAA, Vandenburg put his team through "a very hard week. Some of the guys went up to 145 miles. On Monday, a week before the meet, Breen came up with a pain in his knee, an inflamed tendon. He got a cortisone shot, but his training all that week was nil. On Friday, the day before we flew to New York, Bob Walczak's wisdom tooth flared up and had to be pulled. He was already nursing a sore groin."

The seven runners and their coach got to New York intact, though, and

apparently more or less ready to race. Another traumatic moment was coming. "Kerry and I were eating breakfast Monday morning--he likes to eat later than the others--and he all of a sudden says, 'Coach, I'm not feeling well'. He left, went outside, and threw up all over the street. It wasn't just nervousness. He was really sick. Neither of us wanted to upset the others, so we didn't say anything to them about Kerry's trouble. But he never had any doubt that he'd run." Pearce finished 69th and was El Paso's seventh man.

Soon after the start--"we were off in great shape"--the coach was reasonably confident of the win. But he still had to endure some tense moments at the end. "Bob Doyle had gone out too fast and must have lost 20 places in the last half-mile (he placed 61st). McKillip (10th) was passed by two men in the last 100 yards. So you can see we really didn't run that well. Only Bednarski (third) was really satisfied with his individual race."

El Paso went on, two days later, to win the USTFF title at University Park, Pa. But not without weathering more troubles. Vandenburg went on, "At five o'clock Tuesday morning, Bednarski woke me up and told me he was sick. He vomited and felt horrible all the way to University Park, a five-hour drive. He went to bed as soon as we got there. The morning of the race, McKillip got the same thing, whatever it was, and it knocked him out of running. We also got a call that Doyle's grandmother had died, and he went home to Rhode Island. It looked like we'd have to skip the team race and just go with four men. But Bednarski said, 'I'm okay,' and ran. Villanova wanted badly to beat us, and they entered the night before the race. None of the guys wanted to miss the chance to 'stick it to them' again."

"I thought of running the AAU, too, (which would have meant three six-mile/10,000 races in six days) but couldn't justify the expense of an additional trip to Detroit." It's lucky he didn't try. There might not have been a team left. As it was, only Gary Mazziotti of the seven made it through the last two weeks of the season without a serious complication.

"When we got home," Vandenburg said, "there was a huge welcoming committee (he didn't say how "huge"). Also 10 inches of snow. I told the runners they could take some time off, pat themselves on the back for a few days. You know, they ran 17 miles the day we got back... in the snow. They're already thinking about next year. Everyone is back, plus the red-shirts. The freshmen are talking big, saying they'd like to win four in a row. I'll settle for matching what Villanova did--three straight."

On Your Marks

by Dick Drake

The US-USSR indoor meet, tentatively scheduled for Miami in March, has been canceled for 1970... The AAU indoor championships have been shifted from Salt Lake City to New York City in Madison Square Garden and will be shortened to a one-day meet on Feb. 27... Stan Wright, 1968 US Olympic assistant and 1966 US international head coach and now at Sacramento State, has been named the new national AAU track and field chairman... Bob Giegengack, Yale and 1964 US Olympic coach, has been selected as the new USOC track and field chairman through the 1972 Olympics... It has been recommended that the US Olympic coaches also be appointed to work with the Pan American Games team, which comes under the USOC jurisdiction... Al Franken, publicist and/or meet director for such competitions (present and past) as the LA Invitational, San Diego Invitational (indoors and out), Compton Invitational, Valley of the Sun Classic, San Francisco Golden Gate Invitational and even a national AAU championship meet, has had a 1956 "life-time ban from any AAU involvement" for under the table payments to Wes Santee, which has not been enforced for many years, reimposed upon him... Rolando Cruz, former Villanovan and fourth placer in the 1960 Olympic vault for Puerto Rico, is training again and hopes to make the team for the Central American and Caribbean Games... Steve Bartold, St. John's track coach, has been appointed president of the US Cross Country Coaches Association. Arne Arnesen of the Air Force will be the vice president, Jim Gibbard of Michigan State second VP, Bob Epskamp of Ohio State secretary and Harry Groves of Penn State treasurer... World Sports reports that East Germany has some 110,000 volunteer coaches in all sports and in athletics (track and field) alone it is estimated there is a coach to every eight to 10 competitors. Each event has a national specialist instructor who holds regular conferences with the part-timers when, as one official put it, "coaches are encouraged not to have secrets"... Distance runner Gerry Lindgren is looking for a high school position in social studies and possibly as an instructor of the Russian language. He can be reached at 1808 D St., Rullman, Wash. 99163.

Bob Crites, age 12, 13 and 14 vault record holder from Kokomo, Indiana has two brothers who also vault--Al (16), consistent at 13'9" and Larry (12), whose 8'0" at age 11 is just a half-inch off the known best by Kenny Kring. Tinker Hatfield of Halsey, Oregon (15'1", 14.0, etc.) as a soph this year has a younger brother, Tobie (8) who has done 7'3"... The NCAA cross country championships will be at William & Mary for the next two years and then at Houston for two more years... The first annual Holiday Decathlon, open to all decathletes, will be held at Allan Hancock College, Santa Maria, Calif., on Jan. 2 and 3. Contact coach Ray Kring... Two Olympic champions, Bill Toomey, 1968 decathlon, and Mary Rand, 1964 long jump, were to be married Dec. 17... Dick Bank, TV sportscaster of track among many other involvements with the sport, and Billee Jo Pat Daniels Winslow, three-time Olympian, were married Nov. 15... South Lake Tahoe has been awarded the 1970 national AAU decathlon, which will be contested in conjunction with the women's national AAU pentathlon... The 1970 Junior Olympics will be staged at the University of Tennessee... Sebsibe Mamo, 8:43.6 two-miler from Colby of Ethiopia, is reportedly the brother of 1968 Olympic marathon champ and second placer in the 10,000 at Mexico City Games--Mamo Wolde... Dartmouth College is conducting a Weight Classic on Dec. 27-

28 with lectures, discussions, exhibitions and competitions. Contact Carl Wallin, assistant track coach at Dartmouth, Hanover, New Hampshire 03101... The European Cup schedule has been announced for 1970. There will be three preliminary competitions: at Reykjavik amongst Finland, Belgium, Denmark, Ireland and Iceland, at Vienna with Bulgaria, Yugoslavia, Portugal, Luxembourg and Austria, and at Barcelona or Madrid with Rumania, Holland, Greece, Turkey, Spain--each on June 20-21. The semi-finals will be held on Aug. 1-2, at Helsinki with East Germany, Poland, Sweden, Norway plus the first two from preliminary 1, at Sarajevo with West Germany, Hungary, Czechoslovakia, Italy with the top two from number 2, and at Zurich with the USSR, France, Great Britain, Switzerland and the top pair from number 3. The finals, with the top two from each semi, will be in Stockholm, Aug. 29-30... Albie Thomas, former world record holder at two- and three-miles from Australia and now living in New York, and Gordon McKenzie, US Olympian in 1956 and 60, went to a Run for Fun without realizing there was a two-mile race for their age category. Despite a big breakfast each, the pair ran the distance and finished one-two.

The CBS-TV series of track meets has been renewed for a 17 week outdoor engagement this coming spring and summer. The Millrose and LA Times indoor meets will also be telecast... The four major midwest relay carnivals, Texas, Penn, Drake and Kansas, now all have Tartan tracks. None of the big-time California meets, Easter, Mt. SAC, West Coast, California, Kennedy or Compton, are conducted on synthetic surfaces... Oregon State's Jim Barkley, NCAA steeplechase champ last June as a soph, had his entire right leg in a cast for a month because of irritation to the patella which flared up last spring... Jack Rourke, former Colgate track coach, died at the age of 82... President Nixon reportedly keeps trim by jogging in place 300 to 400 times in his bare feet after getting up each morning, his doctor says... Occidental conducted a postal competition as well as a distance running clinic this month. The clinic included Tracy Smith, John Lawson, John Mason, Ruben Chappins, Dave White and Chuck Smead... All Washington State home track and field meets are televised... A footnote to Mexico Olympic history, as perhaps only reported by Paul Zimmerman in the Los Angeles Times, Oct. 30. The bus taking Kip Keino and Ben Jipcho from the Olympic Village to the stadium on the day of the 1500 final was held up by heavy traffic. Sensing they did not have a chance to reach the stadium in time by bus, Keino and Jipcho decided to run to the stadium, three miles on pavement. They made it on time... North Carolina State has built a new track facility and installed Tartan on a nine-lane track... Abebe Bikila, two-time Olympic marathon titlist, returned home to Ethiopia in a wheelchair following eight months treatment in a paraplegic hospital in London. He suffered from a broken neck and other spinal injuries after an automobile crash, and it is doubtful that he will ever run and may not walk again unaided... The USTFF outdoor championships will be contested at Wichita State on June 12 and 13... Tommie Smith was recently activated from the taxi squad by the Cincinnati Bengals football team. On his first play in his first game, Tommie caught a pass and separated his shoulder when tackled... Valeriy Brumel's immediate goal is to reach 7-feet again... George Shiebler will take over as executive director of the 196-member school Eastern College Athletic Conference (which includes the IC4A) when Asa Bushnell retires in July.

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by Joe Henderson

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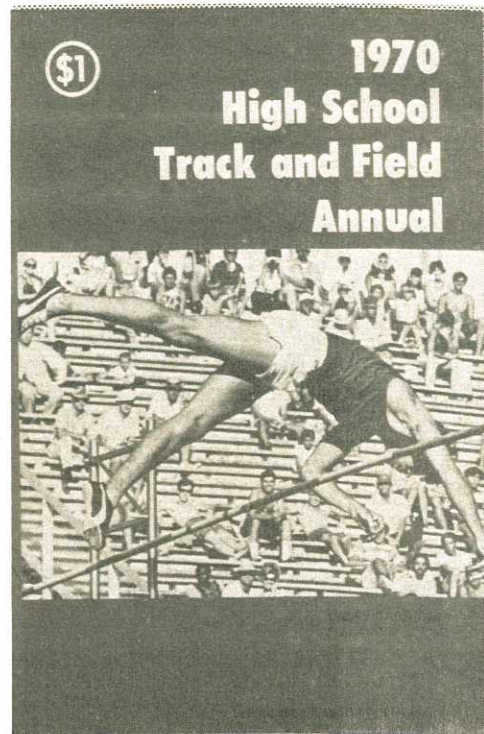
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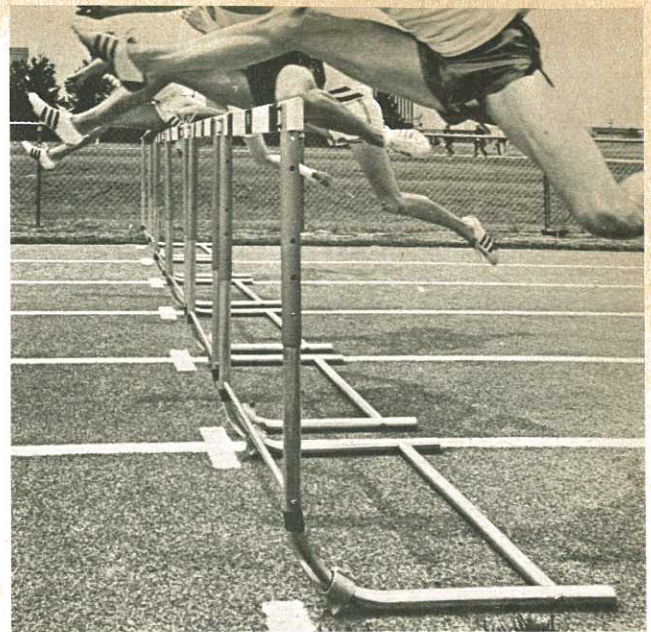
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Sensational Sixties

January 1960-December 69 Remarkable Decade of Athletes

It has been a remarkable decade. We should call it the Sensational Sixties, for no period in track history can compare, no record set before 1960 stands inviolate.

This is no statistical summary, but a quick comparison may make you blink. For example: In 1959, the world record for the 440 was 45.7; in 1968 alone, 14 men ran better than that time. Before this decade, the discus record was 196'6 $\frac{1}{2}$ "; in 1968, 30 men bettered that mark. Other events show similar improvement, but the fiberglass pole helped obliterate all except fond memories, for the 1959 world record was 15'9 $\frac{1}{4}$ ".

Enough of statistics. It is people who count, and the Sensational Sixties produced many of the greatest athletes of all-time. With three Olympic Games within one decade, no other period has seen such fierce competition nor such great competitors.

The Sixties could claim some great athletes who ended their careers in the Rome Olympics... hawk-nosed Herb Elliott, strong and fast Rafer Johnson, unbeatable Glenn Davis... but let's stick to those who competed mainly after 1959.

Probably the most surprising athlete in Rome's beautiful Stadio Olimpico was a sturdy, black-clad stranger who powered down the stretch to win the 800-meters. Peter Snell went on to glorious records in the 800, 880, mile and indoor 1000. At Tokyo, in 1964, as in every important race of his career, he won again. Twice! He is the only man since 1920 to win the Olympic 800 and 1500, and he made it look easy.

Another man ranks with Snell as one of the truly great competitors of any decade. Winning three gold medals in his single event to go with the one he won back in the dark ages of 1956, Al Oerter could well remain in history forever as the last man to win four straight. The drama of his four gold medals reads like fiction.

Another athlete appeared on the international scene for the first time at Rome, a fierce competitor only 18-years-old. Valeriy Brumel beat the world record holder, John Thomas, for the silver medal. He cleared 7'4 $\frac{3}{8}$ " indoors while he was still 18 and he pushed the world record up and up until he reached 7'5 $\frac{3}{8}$ ". He won the 1964 Olympic title with a bad leg and he almost never lost, except to the motorcycle which ended his greatness in a dark underpass.

Abebe Bikila was also unknown at Rome, but he ran barefoot over the stones of the Appian Way to win the marathon. Four years later, at Tokyo, he became the only man ever to win two Olympic marathons, and he made it look ridiculously easy.

Still another great athlete burst into prominence in 1960. Ralph Boston won a narrow long jump victory at Rome, was upset by Lynn Davies in a Tokyo drizzle and placed third at Mexico City. In between, he broke the world record many times and ranked number one in World Ranking for eight consecutive years. A fine hurdler and decathlon prospect, Boston was probably the most popular track star of the decade.

Another all-time great won in the fabulous Rome Games. Injured after his world record 55'10 $\frac{1}{2}$ ", Jozef Schmidt still won, and he won again at Tokyo even though injured so badly he could jump in only one other meet. He won his second European championship and was number one in the world six years.

Yang Chuan-Kwang proved himself one of the world's greatest with a fantastic decathlon record of 9121 after nearly beating Johnson at Rome. An indoor world record vaulter, Yang lost the Tokyo decathlon when they changed the scoring tables.

A man some believe had more talent than anybody was Rex Cawley, who fought off injuries to set a world record and win the 1964 Olympic intermediate hurdles.

Another great product of the Sixties was a handsome Australian who simply ran more fast distance races than all the other distance runners in history. Ron Clarke set world records at 3000-meters, two-miles, three-miles, 5000-meters, six-miles, 10,000-meters, 10-miles, 20,000-meters and one-hour... most of them several times.

Fastest man of the decade--or of any decade--was a burly freshman introduced to Track & Field News as "who also plays football". Bob Hayes, who did not specialize in track, had the fastest pickup ever known. When he finished his career at Tokyo by winning his second gold medal with an incredible burst of speed in the relay, he had run far faster than any man before him.

Dallas Long placed only third at Rome, but in 1964 he pushed the shot record up to 67'10" and won the Olympic championship. As of 1964, a good case could be made for him as the greatest performer of all-time.

One of the biggest stars of the Sixties was only a college freshman in 1964, but he almost won the Olympic shot put with a startling 66'3 $\frac{3}{4}$ ". Randy Matson boosted the shot put record to an amazing 70'7" in 1965. In 1967, he had one of the greatest performances this sport has ever seen. He put the shot over 70-feet three times, then missed the world discus record by only 2 $\frac{1}{2}$ inches. He won the shot at Mexico City and his record of 71'5 $\frac{1}{2}$ " still looks formidable, even against the hormones.

Janis Lusic was undefeated in the javelin in 1962 and 1963 and won the European championship, but he "failed" at Tokyo and took home only the bronze medal. Since then, he has won all the gold medals--two more European championships and one from Mexico City--and he has thrown more long throws than all the rest of history's javelin men.

Willie Davenport was the top hurdler of a decade which included Hayes Jones. Davenport was injured at Tokyo, but he has been number one in the

world ever since.

Probably no man has ever run faster at top speed than Tommie Smith. He set world records on the 200 and 220 straightaway and around a curve, plus the 400 and 440 and several relays. His specialty was in relays where he made other anchor men look slow.

Gyula Zsivotzky of Hungary broke the world hammer record twice but was second in the 1960 and 1964 Olympics. He struck gold in Mexico City.

Romuald Klim (USSR) won the Olympic hammer at Tokyo and he was undefeated until the last throw of Mexico City. But at the end of the decade, Klim and Zsivotzky both took a back seat to Klim's amazing protege, Anatoliy Bondarchuk, who twice broke Klim's world record.

In 1964, one of the most amazing stories dealt with a 17-year-old high school junior who ran the equivalent of a 3:56 mile and earned a spot on the US Olympic team. Jim Ryun went on to the highest pinnacle, setting world records four times before he was old enough to vote.

A mediocre college athlete developed himself into a truly great decathlon man with 13 scores over 8000 points. Bill Toomey broke the world record and won the Olympic championship with less natural talent than men he out-scored.

One of the greatest competitors ever was Lee Evans, a quarter-miler who almost never lost a stretch drive and collected the world record and two gold medals at Mexico City.

A couple of roommates traded the pole vault record repeatedly. Bob Seagren and John Pennel kept raising the record, but neither reached his goal of 18-feet. Seagren came closest, but Pennel holds the record. Seagren came out on top as the best of the decade with his cliff-hanger victory at Mexico City.

One of the great new champions at Mexico City was Viktor Saneyev, who won one of the outstanding competitive events of all-time. He set a world record of 57'3 $\frac{1}{4}$ " to win the triple jump over two other world record breakers on his last jump.

A stunning victory in amazing world record time also gives some credit to Mexico City's high altitude, as Britain's Dave Hemery forgot to slow down in the intermediate hurdles and finished in 48.1.

But the greatest shock of all came in the long jump, where Bob Beamon was supposed to become the first 28-footer. He missed 28-feet entirely and reached 29'2 $\frac{1}{2}$ ", the greatest single mark in track and field history.

The exploits of the great athletes of the Sixties have filled 10 volumes, and no short piece can do them justice. Track fans were excited by: young Bruce Kidd's remarkable running... the controversy over the fiberglass pole... Brian Sternberg's brilliant but tragically short career... a startling 44.9 440 by Adolph Plummer... the antics of Gerry Lindgren... the once-in-a-lifetime thrill of Billy Mills' homestretch spurt at Tokyo... 55 straight indoor high hurdles victories by Hayes Jones... old man Mike Larrabee's courageous stretch drive in the Tokyo 400... fiction-like drama in the Tokyo pole vault as Fred Hansen waited to the last split second to win... that great 5000 at Compton in 1964 when Bob Schul emerged as an Olympic contender... and his suspense-filled last lap at Tokyo... the pleasure of seeing Bill Dellinger win a medal in his third Olympics... the sudden emergence of Africans as a factor in international track at Tokyo... and their dominance of the distance runs at Mexico City... Michel Jazy's 11 days in June 1965, when he broke three European records and one world record... Parry O'Brien's comeback in 1966 with the longest put of a career which dominated the Fifties... The Fosbury Flop... Jay Silvester's long throws in 1968--especially that wind-aided 242-foot practice throw... George Young's courageous running in three Olympics, improving all the while until his only losses in 1968 were at Mexico City's altitude.

It was a fine decade, full of memories, but we need not mourn its passing. The Super Seventies are next. (Cordner Nelson)

Individual Achievers T&FN's Top 10 Athletes

Track & Field News has done it again--put its collective head on the chopping board after coming up with its selection of the top 10 track and field athletes of the sixties.

And Peter Snell came out as the Athlete of the Sixties. Four field events filled the next five slots. Only four runners broke into the first 10.

Check the chart below for the exact order of selection and the graphs that follow for an explanation of how the athletes were picked.

	WORLD RECORD	OLYMPIC GAMES	WORLD RANK	MARK DOMINANCE	OTHER	TOTAL
1. PETER SNELL	5	5	5	3 $\frac{1}{2}$	+ $\frac{1}{2}$	19
2. JOZEF SCHMIDT	5	4	4 $\frac{1}{2}$	4	0	18 $\frac{1}{2}$
3. VALERIY BRUMEL	5	3	4 $\frac{1}{2}$	5	0	17 $\frac{1}{2}$
RANDY MATSON	4 $\frac{1}{2}$	3	4	5	+1	17 $\frac{1}{2}$
5. RALPH BOSTON	3 $\frac{1}{2}$	3	5	4	0	15 $\frac{1}{2}$
6. RON CLARKE	5	0	3 $\frac{1}{2}$	5	-1/+1/+114 $\frac{1}{2}$	
7. AL OERTER	2	5	4	2	+1	14
TOMMIE SMITH	4	2	3 $\frac{1}{2}$	3 $\frac{1}{2}$	+ $\frac{1}{2}$ / $\frac{1}{2}$	14
GYULA ZSIVOTZKY	3	3 $\frac{1}{2}$	3 $\frac{1}{2}$	4	0	14
10. BOB HAYES	4	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	+ $\frac{1}{2}$	13 $\frac{1}{2}$

Any selection of this nature involves a certain degree of subjectivity but considerable research was conducted and a semi-scientific rating system employed. Basically, four criteria were utilized to determine the ranking: (1) World records; (2) Olympic Games; (3) World Rankings; and (4) Event Domination by Performance. While there is no separate category for competitiveness

or honors won, both of these are revealed in Olympic achievement(s) and in the World Rankings. Additionally, other circumstances were considered on a plus or minus basis vis-a-vis the other contenders.

A scale of 0 to 5 was used to compare an original list of 20 candidates on the first four points. As it developed, every athlete considered was an Olympic Games contestant and held part or all of a world record at some time in the 60s. As each of the categories unavoidably gives some special credence to longevity, some special consideration was permitted to compensate for short brilliant careers.

A number of facets were involved in assigning points for each athlete in each category. World record: number of events affected, number of times mark was tied or broken, margin of superiority over previous record and current competitors and length of time held. Olympics: number of victories or other placings, margin of victory, world record involved, toughness of competition, health of athlete. World rankings: number of firsts and other placings, number of events involved. Event domination by performance: number of marks in the top 10 or more all-time performances at athlete's peak or conclusion of career, mark superiority over other peers at the time, number of events involved.

The other category allows for obvious deviations from the norm of most of the athletes, in which cases points were either added or subtracted. (1) Competitive record (performing within or better than best effort in important meets): Ron Clarke loses, -1; (2) Top quality effort in short span of time: Hayes +1, Smith + $\frac{1}{2}$; (3) Versatility in wide range of events at high level effort: Clarke +1, Matson +1, Ryun + $\frac{1}{2}$, Smith + $\frac{1}{2}$, Snell + $\frac{1}{2}$; (4) Ability and willingness to race anybody, anywhere, anytime in a variety of events throughout a year and fare well a large percentage of the times even while competing often: Clarke +1. (5) Winning three Olympics over an eight-year span: Oerter +1. There were many other factors considered but most were covered in one of the categories or involved too much subjectivity to be meaningful. (Bert Nelson and Dick Drake)

Credentials of Decade's Best

These, then, are the athletes who comprise T&FN's Top 10 Track and Field Athletes of the Sixties selection. And the credentials that earned each of them his ranking. (Joe Henderson and Dick Drake)

1. PETER SNELL (New Zealand), 800/Mile, 5'10 $\frac{1}{2}$ ", 176-lbs., born Dec. 17, 38. World records: 800m, to 1:44.3 (by 1.4 secs.) for 7 yrs., 10 mos. to present (tied in 1968); 880y, to 1:45.1 (by 1.7 secs.) for 4 yrs., 4 mos.; both two-lap records by the largest margins in history; 1000m, to 2:16.6 (by 0.1 secs.) for 6 mos.; Mile, to 3:54.4 (by 0.1 secs.) and to 3:54.1 (by 0.3 secs.) for a total of 3 yrs., 5 mos.; Indoor 1000y, to 2:06.0 (by 1.9 secs.) in first-ever indoor race for 7 yrs., 10 mos. to present.

Olympics: 1st 1960 800m in OR of 1:46.3 after pre-Games best of only 1:49.2 for yards for the biggest upset of the Rome meet; 1st 1964 800m in OR of 1:45.1 and 1st 1500m in 3:38.1, including six races in eight days, for the first double win since 1920.

Competitive record: International career extended from 1960 through 65, and the only real black mark blotting it was his relatively disastrous conclusion, largely brought on by an untimely illness. Had an uncanny ability for "peaking" and hardly ever lost a race he was pointing for through 1964... 1st 1962 BEG 800m in 1:47.6 and 1st mile in 4:04.6... Ran an 880-yard relay leg in 1:44.8 in 1960 after Olympics when the world record was 1:46.8.

World rankings: 800m/880y, 1st in 1960, 61, 62, 64 (10th in 63 when concentrating on mile); 1500m/mile, 1st in 1962, 63, 64.

Other: Coached by Arthur Lydiard, who developed Snell's endurance by running him 100 miles a week through the mountains, up to 22 miles at a time--marathon-type training that was unheard of at the time for half-milers... At the conclusion of 1964, he claimed the two fastest 800m races and four of the five quickest miles of all-time.

2. JOZEF SCHMIDT (Poland), Triple Jump, 6'1 $\frac{1}{2}$ ", 170-lbs., born Mar. 28, 1935. World records: TJ, to 55'10 $\frac{1}{2}$ " (by 1'1 $\frac{1}{4}$ ") for 8 yrs., 2 mos. Olympics: TJ, 1st 1960 in OR 55'1 $\frac{1}{4}$ "; 1st 1964 in OR 55'3 $\frac{1}{2}$ "; 7th in 1968 with 55'5" despite serious heel injury.

Competitive record: One of those rare athletes who always seemed to be at his best when it counted most, still he won most competitions as an internationalist from 1960 to 68... 1st 1962 ECH at 54'3 $\frac{1}{2}$ "; 3rd 1965 ECup while injured.

World rankings: TJ, 1st in 1960, 62, 63, 64, 65; 2nd in 61; 5th in 66; 6th in 67; 7th in 68.

Other: First athlete to exceed 55-feet and 17-meters (55'9 $\frac{1}{4}$ "). No other athlete jumped over 55-feet until nearly seven years after Schmidt first set the record at 55'10 $\frac{1}{2}$ ". In mid-1967, Schmidt had the eight longest efforts in history.

3. VALERiy BRUMEL (USSR), High Jump, 6'8 $\frac{7}{8}$ ", 170-lbs., born Apr. 14, 1942. World records: HJ, tied at 7'3 $\frac{3}{4}$ ", to 7'4", to 7'4 $\frac{1}{2}$ ", to 7'5 $\frac{1}{2}$ ", to 7'5 $\frac{3}{4}$ " for 8 yrs., 6 mos. to present. Indoors, to 7'4" (by 1") for 6 yrs., 10 mos. Olympics: HJ, 2nd 1960 at 7'1" at age 18; 1st 1964 at 7'1 $\frac{1}{8}$ " OR.

Competitive record: International career extended from 1960 when he set a European record of 7'2 $\frac{3}{4}$ " to the autumn of 1965, when a near-fatal motorcycle accident ended his career as he suffered a multiple fractured leg and was bed-ridden for two years... He rarely lost, and he was never outjumped as he only lost on the count-back rule from 1960 to 65. 1st 1962 ECH at 7'3".

World rankings: HJ, 1st in 1961, 62, 63, 64, 65; 2nd in 60.

Other: He has leaped higher over his head than any other man (16'7 $\frac{7}{8}$ ")... Even four years after his last jump, he still claims eight of the 12 best marks in history.

3. RANDY MATON (US), Shot-Discus, 6'6 $\frac{1}{2}$ ", 265-lbs., born Mar. 5, 1945.

World records: SP, to 67'11 $\frac{1}{4}$ " (by 1 $\frac{1}{4}$ "), to 69'3 $\frac{1}{2}$ ", to 70'7", to 71'5 $\frac{1}{2}$ " for 4 yrs., 8 mos. to present. Indoors, several unofficial bests, to 70'7 $\frac{1}{2}$ " (slope).

Olympics: SP, 2nd 1964 with PR and second longest throw in history of 66'3 $\frac{1}{4}$ "; 1st 1968 with 67'4 $\frac{3}{4}$ " after OR 67'10 $\frac{1}{2}$ " in qualifying.

Competitive record: Was undefeated for two years after 1964 silver medal and lost only four meets, three unimportant, in 1967 and 68 outdoors.

World rankings: SP, 1st in 1965, 66, 67, 68; 2nd in 64; 5th in 69 (in year of relative inactivity). DT, 5th in 1965, 66, 7th in 1967.

Other: He was the first, and only, 70-footer. In fact, no other athlete has topped even 69-feet let alone the 71-feet he has exceeded. He has the top 10 shot performances of all-time, 19 of the top 20 and 23 of the first 25. His world record of 71'5 $\frac{1}{2}$ " is an amazing 2'6 $\frac{1}{4}$ " ahead of the next best putter... He even claimed the American discus record at 213'9" which he held for 13 mos.; he might have been better in the event had he concentrated on it.

5. RALPH BOSTON (US), Long Jump, 6'1 $\frac{1}{2}$ ", 161-lbs., born May 3, 1939.

World records: LJ, to 26'11 $\frac{1}{4}$ " (by 3"), erasing Jesse Owens' 25-year-old standard, to 27'1 $\frac{1}{2}$ ", to 27'2", equaled at 27'3 $\frac{1}{4}$ ", to 27'4 $\frac{1}{2}$ ", to 27'4 $\frac{3}{4}$ " (tied) for a total of 5 yrs., 11 mos.

Olympics: LJ, 1st 1960 with OR of 26'7 $\frac{3}{4}$ "; 2nd 1964 with 26'4 $\frac{1}{4}$ "; 3rd 1968 with 26'9 $\frac{1}{2}$ ".

Competitive record: International career extended 9 $\frac{1}{2}$ yrs. until May 1969 when he became a TV sportscaster. No athlete in this decade claims a superior vis-a-vis record in any event than Boston. He won six straight AAU championships, 1961 to 66. During these prime years, he never lost to Igor Ter-Ovanesyan, the only athlete to take away his world record credit. After losing the Tokyo Games to Lynn Davies, he won five straight competitions in which every jump exceeded Davies' best of the meet. Prior to suffering a knee injury in 1967, his competitive record stood at 128 wins and 12 losses; nine of those losses were by less than 3 $\frac{1}{2}$ ". He achieved amazing consistency and longevity in an event where injury risk is high.

World ranking: LJ, 1st 1960, 61, 62, 63, 64, 65, 66, 67; 2nd in 68.

Other: Even through the 1968 season when Bob Beamon came to fore, Boston still claimed 17 of the 24 27-foot legal jumps. Only Ter-Ovanesyan, on one jump, had another 27-foot leap until mid-1966 after Boston first turned the trick in mid-1960... Also an international caliber triple jumper and high hurdler with marks of 52'1 $\frac{1}{2}$ " and 13.7.

6. RON CLARKE (Aus), Distances, 5'11", 168-lbs., born Feb. 2, 1937.

World records: The most prolific record setter in the distances since Emil Zatopek. 2-Mile, to 8:19.8 (by 2.8 secs.), to 8:19.6, for 2 yrs., 6 mos., to present; 3-Mile, to 13:07.6 (by 2.4 secs.), to 13:00.4, to 12:52.4, to 12:50.4 for 5 yrs. to present. 5000m, to 13:34.8 (0.2 secs.), to 13:33.6, to 13:25.8, to 13:16.6 (by 7.6 secs. after losing it to Kip Keino at 13:24.2) for a total of 4 yrs., 5 mos.; 6-Mile, to 27:17.8 (by 26.0 secs.), to 26:47.0 (by 24.6 secs. after losing it to Billy Mills and Gerry Lindgren) for a total of 4 yrs., 5 mos. to present; 10,000m, to 28:15.6 (by 2.6 secs.), to 28:14.0, to 27:39.4 for 6 yrs. to present; 10-Mile, to 47:12.8 (by 14 secs.) for 3 yrs., 1 mo.; 20,000m, to 57:22.8 (by 5.8 secs.); One Hour Run, with 12m1006y (by 46 yds.) for 1 yr. Also one-time indoor two- and three-mile record holder.

Olympics: 9th 1964 5000m in 13:58.0, 3rd 1964 10,000m in 28:25.8; 5th 1968 5000m in 14:12.4, 6th 1968 10,000m in 29:44.8. Competitive record: In addition to his relatively poor showing in the Olympics, he was 2nd 1966 BEG 3-Mile in 12:59.2, 2nd 1966 BEG 6-Mile in 27:39.4. He also lost a few other important competitions over his career which actually extends back to 1956 but he has beaten all his Olympic and Commonwealth conquerors at some time.

World ranking: 3-Mile/5000m, 1st in 1967, 68; 2nd in 64; 3rd in 65, 66. 6-Mile/10,000m, 1st in 1963, 65, 68; 2nd in 66; 3rd in 64.

Other: Clarke is the greatest "time" distance runner in history: the first to break 8:20 in the two-mile, 13:00 in the three, 13:30 and 13:20 in the 5000m, 27:00 for six-miles and 28:00 in the 10,000m, and he's the only athlete to dip below these standards except the three-mile. Over 5000m, he claims eight of the 14 fastest clockings; at 10,000m, he has eight of the quickest 16 marks... He also ran a 2:20 marathon.

7. AL OERTER (US), Discus Throw, 6'4", 260-lbs., born Sept. 19, 1936.

World records: DT, to 200'5 $\frac{1}{2}$ " (by 15"), to 204'10 $\frac{1}{2}$ " (by 1'7 $\frac{3}{4}$ "), to 205'5 $\frac{1}{2}$ ", to 206'6" for a total of 2 yrs., 1 mos.

Olympics: 1st 1960 with OR and PR of 194'2"; 1st 1964 with OR 200'1 $\frac{1}{2}$ " despite injury to neck; 1st 1968 with OR and PR 212'6 $\frac{1}{2}$ ". Was an underdog both of the latter two Games, especially at Mexico when his 205'10" seasonal best ranked him only seventh for the year and 18'7" short of the world leader.

Competitive record: The story of Oerter, of course, is his amazing ability to win three Games in this decade over an eight year period, the latter coming at age 32. In the meets he considered important, he normally matched the test but his overall win-loss record was not particularly distinguished--having split about half his encounters with Jay Silvester among others. He captured six AAU titles.

World rankings: DT, 1st 1960, 62, 63, 64, 66; 2nd in 68; 5th in 61 and 69; 9th in 67 when he didn't compete much.

Other: From 1964 through the 69 season, Oerter was bothered by a damaged neck which required a brace for many of the competitions... He was the first to throw 200- and 205-feet.

7. TOMMIE SMITH (US), Sprints, 6'3", 173-lbs., born June 12, 1944.

World records: 200m Straight, equaled at 20.0, to 19.5 for a total of 4 yrs., 9 mos. to present; 220y Straight, to 19.5 (by 0.5 secs.) for 3 yrs., 7 mos. to present; 200m Turn, to 20.0 (by 0.2 secs.), to 19.8 for 3 yrs., 6 mos. to present; 220y Turn, to 20.0 (by 0.2 secs.) for 3 yrs., 6 mos. to present; 400m, to 44.5 for 1 yr., 3 mos.; 440y, to 44.8 for 2 yrs., 1 mo.; indoor 400m & 440y, to 46.2 (by 0.6 and 0.9 sec. each) for 2 yrs., 10 mos. to present; also member of world record holding 880-yard relay team, to 1:22.1 (by 0.5 sec.) and former record holding 1600m team, to 2:59.6 with legs of 19.4 and 43.8. Olympics: 200m, 1st 1968 in OR and world record 19.8.

Competitive record: His international running extended from 1965 through 68, and he lost only seven races in the furlong--only one of which was important. Won two AAU titles. Never lost in the one lapper, which he didn't try often, but he did win impressively from Lee Evans in world record time.

World rankings: 200m/220y, 1st in 1966, 67, 68; 2nd in 65. 400m/440y, 3rd in 67.

Other: He is the most versatile sprinter in history, adding his 10.1 for 100-meters and his sensational relaying. Particularly noted for his fluid style and his "Tommie Jet" gear which enabled him to maintain speed (though it would appear he was speeding up) in the final yards... Never fully exploited his ability as a long sprinter (400m/440y)... His 19.5 220-yard straight time ranked, on the Portuguese Tables, as the "greatest" performance in track at the time it

was achieved. . . He claims four of the six fastest legal furlong clockings.

7. GYULA ZSIVOTZKY (Hun), Hammer Throw, 6'3", 220-lbs., Feb. 25, 1937.

World records: HT, to 241'11" (by 8'2½"), to 242'0", for 3 yrs., 9 mos.

Olympics: HT, 2nd 1960 at 215'10"; 2nd 1964 at 226'8"; 1st 1968 with OR 240'8".

Competitive record: Although he had a serious hang-up with Romuald Klim, having lost nine straight competitions in four years prior to his 1968 Olympic win, Zsivotzky enjoyed a standout competitive career that reached international level even before 1960 and continued through 1969. . . 1st 1962 ECh 228'5½"; 2nd 1966 ECh 225'1½"; 4th 1969 ECh 228'7"; 2nd 1967 ECup 223'6".

World rankings: HT, 1st in 1963, 65, 68; 2nd in 62, 64, 66; 3rd in 60; 4th in 67; 6th in 61 (69 unknown but probably 3rd, giving ranking all 10 years).

Other: He was the first hammer thrower to break 240-feet.

10. BOB HAYES (US), Sprints, 5'11¼", 189-lbs., born Dec. 20, 1942.

World records: 100y, equaled at 9.3 twice, equaled at 9.2 for a total of 1 yr., 4 mos.; to 9.1 four times for 6 yrs., 6 mos. for a grand total of 7 yrs., 10 mos. 100m, equaled at 10.0 for 3 yrs., 8 mos. Indoor 60y, to 5.9 for 5 yrs., 10 mos. to present.

Olympics: 100m, 1st 1964 with world record equaling 10.0 (though hand-timed in 9.87); 400m relay, anchored US team to world record of 39.0 and was responsible for the victory.

Competitive record: He lost only two races (back to back in 1962) in more than 50 short outdoor sprint races in a four year international career. Certainly one of the most electrifying sprinters, at least since Jesse Owens. Met and defeated every prominent sprinter in the world.

World rankings: 100m, 1st in 1962, 63, 64; 5th in 61. 200m, 2nd in 63; 4th in 64; 7th in 61.

Other: The name of the short sprint from 1961 to 64 was Bob Hayes; no athlete could seriously challenge him. He was the first to sprint 100-yards in 9.1 and the first at 5.9 for the indoor 60y. . . He ran his last race before he was 22-years-old, giving up track for football which was always his primary sports love.

World Ranking by Events

At the completion of the 1969 season, Roberto Quercetani and Don Potts will have compiled their 23rd consecutive World Ranking of the top 10 athletes in the world in 19 standard events for each year since the 1947 campaign. The rankings have been determined by (1) honors won; (2) win-loss record; and (3) sequence of marks. Their picks, annually published in T&FN, have gained world acceptance and are reprinted in many other journals.

And thus it only seemed natural that this international team should determine a World Ranking of the 1960s. The duo came up with an order for the leading five athletes for the 19 events. For this ranking, they decided that multi-season records should prevail over single great seasons. A special mention category was created to take care of (1) gold medalists at Rome who essentially retired after 1960; (2) other gold medalists in the Olympics who just didn't have much else going for them other than one great year (though in a few instances they were ranked anyhow because of the absence of other outstanding candidates); (3) stars of 1969 who were just emerging; and (4) a few others who had just one great year or were otherwise deserving of special consideration. They inform us that they discounted Olympic performances more than some might, pointing out that there is quite a bit of luck involved in winning a Games' title. They carefully scored each candidate by using the year by year World Rankings.

As with the annual rankings, no other T&FN staffer or correspondent had any say in the decade picks. Which should explain a couple inconsistencies that may be apparent between the ranking and other material in Sensational Sixties. (by Roberto Quercetani and Don Potts)

100 YARDS-100 METERS

1. Bob Hayes (US); 2. Jim Hines (US); 3. Charlie Greene (US); 4. Harry Jerome (Canada); 5. Enrique Figuerola (Cuba).

Bob Hayes was an easy first choice. Certainly it is difficult to recall anyone who has dominated this event as thoroughly as he did during the period 1962-64. Second went to Jim Hines in a close decision over his archrival Charlie Greene. During the period 1966-68, these two seldom lost except to each other. Giving Armin Hary a special mention for his superlative final season of 1960 and a similar mention for John Carlos, who only emerged in this event in 1969, left Harry Jerome, Enrique Figuerola, Lennox Miller and Frank Budd to be considered for the two remaining spots. We finally selected Jerome and Figuerola. Both competed in all three Olympics of the decade, each was twice an Olympic finalist, each was a medalist, and each was a top-ranked sprinter during practically the entire decade.

200 METERS-220 YARDS

1. Tommie Smith (US); 2. Henry Carr (US); 3. John Carlos (US); 4. Livio Berruti (Italy); 5. Paul Drayton (US).

Tommie Smith's record over the period 1965-68 certainly speaks for itself. He wasn't unbeatable but nearly so. He dominates the best performances list and has the Olympic gold medal as well. Henry Carr had a similar record albeit over a shorter period in the first half of the decade to earn second place. The next two places involved a close contest between John Carlos and Livio Berruti, gold medalist in 1960 and number one in the world for 1960 and 61. We finally went along with Carlos, who capped his strong showing over the past three years with an unbeaten 1969 season. The candidates for the final place were Paul Drayton, Edwin Roberts and Jim Hines. An examination of World Rankings over the decade show Drayton to have a clear edge.

400 METERS-440 YARDS

1. Lee Evans (US); 2. Ullis Williams (US); 3. Wendell Mottley (Trinidad); 4. Otis Davis (US); 5. Andrzej Badenski (Poland).

Lee Evans was a cinch first choice, but from there on this event was very difficult to judge. Best on the basis of strong multi-season records were Ullis Williams, Wendell Mottley, Otis Davis, Andrzej Badenski and Robbie Brightwell. We ranked these in the order listed. But what to do about gold medalist

Mike Larrabee, silver medalists Carl Kaufmann and Larry James, and the 1969 leader Curtis Mills? Not to mention world record holders Adolph Plummer and Tommie Smith. We finally decided that special mentions should go to Larrabee, Kaufmann, James and Mills, each of whom had one great season in the decade but nothing else of much note.

800 METERS-880 YARDS

1. Peter Snell (New Zealand); 2. Bill Crothers (Canada); 3. Wilson Kiprugut (Kenya); 4. Manfred Matuschewski (E Germany); 5. Ralph Doubell (Australia).

Peter Snell ranks high in every respect: two Olympic gold medals, a world record and the top score. That obviously entitles him to the number one position. Bill Crothers and Wilson Kiprugut, each with an Olympic silver medal, appeared to be a toss-up for second. Finally, we gave it to Crothers, who ranked number one in 1963 and 65, while Kiprugut never was higher than second. Manfred Matuschewski, second-best in terms of points, has a fine record in the European championships (two firsts and a third) and thus appears to be an obvious choice for fourth. Ralph Doubell had one superlative season (68) in between two minor ones. We feel he should get fifth place, while special mention can go to typical one-year greats Jim Ryun and Jozef Plachy.

1500 METERS-ONE MILE

1. Kipchoge Keino (Kenya); 2. Jim Ryun (US); 3. Peter Snell (New Zealand); 4. Michel Jazy (France); 5. Bodo Tummler (West Germany).

A close battle for first between Kipchoge Keino and Jim Ryun. The latter prevails in the stopwatch department, being the current world record holder for both 1500-meters and mile, while the Kenyan can point to a superior score, with one first and four seconds. Keino's Olympic victory at Mexico City finally shifted the balance in his favor. Peter Snell, with an Olympic gold medal, a world record (in the mile) and a solid score (three firsts), is third, ahead of Michel Jazy, who topped everyone on points, won one first and a second in the European championships and also captured a silver medal in the Olympics. Bodo Tummler, with an Olympic bronze medal, and a European title, edges Dyrol Burleson (second-best scorer but weak on honors won at the international level) for fifth. Special mention to one-year great Herb Elliott.

THREE MILES-5000 METERS

1. Ron Clarke (Australia); 2. Murray Halberg (New Zealand); 3. Kipchoge Keino (Kenya); 4. Michel Jazy (France); 5. Harald Norpoth (W Germany).

Ron Clarke easily tops all other candidates in two of the three criteria on which this ranking is based: points scored and world records. Year after year he was instrumental in shaping up the world list, extending a lot of runners to their personal bests. He failed badly in the Olympics, but we feel that such a fault, no matter how serious, just cannot alter the rest of history. Murray Halberg, with an Olympic gold medal and four consecutive firsts (60-63) is an easy choice for second. Kipchoge Keino, who ties Halberg in points and won a silver at Mexico City, is third. Jazy narrowly edged Harald Norpoth for the honor of Europe's best, mainly on the strength of a superior score, as they are about equal on other criteria. Special mention to low-score Olympic champions Bob Schul and Mohamed Gammoudi.

SIX MILES-10,000 METERS

1. Ron Clarke (Australia); 2. Naftali Temu (Kenya); 3. Pyotr Bolotnikov (Soviet Union); 4. Jurgen Haase (E Germany); 5. Mohamed Gammoudi (Tunisia).

Ron Clarke's score here is even higher than in the 5000. And his position is strengthened somewhat by the Olympic bronze medal he won at Tokyo. Naftali Temu, with an Olympic gold and good score, is a cinch for the runner-up spot. So is Pyotr Bolotnikov for third place, being the fourth-best scorer and having an Olympic gold and a world record. Jurgen Haase, second-best scorer and with two firsts in both European championships and Europe vs. Americas meets, edges Gammoudi (a silver and a bronze in the Olympics) for fourth. Special mention to Bill Mills.

3000 METER STEEPLECHASE

1. Gaston Roelants (Belgium); 2. Zdzislaw Krzyszkowiak (Poland); 3. Viktor Kudinskiy (SU); 4. Nikolay Sokolov (SU); 5. Maurice Herriott (GB).

Gaston Roelants, who made World Ranking for nine years in a row and had five firsts, makes his claim to the number one spot unassailable with such rarities as an Olympic gold, a European championship and a major impact on the world record department. Zdzislaw Krzyszkowiak, with an Olympic gold and a world record plus two firsts in World Ranking, edges Viktor Kudinskiy for second. The Russian had four good seasons and won a European title but failed to score in either the Olympic Games or world record department. Nikolay Sokolov, with the third-best score and medals in both Olympic and European races, is a solid fourth ahead of Maurice Herriott, also a good scorer and an Olympic silver medalist. Special mention to one-year greats Mikhail Zhelev, Aleksandr Morozov, Vladimir Dudin and Amos Biwott.

120 YARD-110 METER HURDLES

1. Willie Davenport (US); 2. Hayes Jones (US); 3. Eddy Ottoz (Italy); 4. Anatoliy Mikhailov (Soviet Union); 5. Blaine Lindgren (US).

Willie Davenport, five times first in the World Ranking, Olympic champion and co-holder of the world record, was a certain first. Tokyo winner Hayes Jones was a strong second and well ahead of the rest. The third gold medalist of the period, Lee Calhoun, retired after his 1960 season, and thus was given special mention. The remaining three spots were finally given to veteran multi-season performers, each of whom was an Olympic medalist: Eddy Ottoz, Anatoliy Mikhailov and Blaine Lindgren. Rather than leave out two outstanding men who foresook almost certain Olympic success for pro football, we added Jerry Tarr and Earl McCullough to the special mention list.

400 METER-440 YARD HURDLES

1. Rex Cawley (US); 2. Roberto Frinoli (Italy); 3. Salvatore Morale (Italy); 4. Ron Whitney (US); 5. John Sherwood (Great Britain).

Here our first problem was where to put the current world record holder and most recent Olympic champ, Dave Hemery. His 1968 season was simply

the best-ever for this event. But it was essentially the only season he had in this event. So we put him in the special mention category, along with 1960 Olympic champ Glenn Davis. Once this problem was settled, it was pretty clear that Rex Cawley deserved the number one spot. The Tokyo Olympic champ had the best multi-season record. The next two were easy to decide but the order was not, namely the two European champs (1962 and 66, respectively) Salvatore Morale and Roberto Frinolli. We finally gave the nod to the latter. It was also difficult to rank those considered for the final two spots: Cliff Cushman, Ron Whitney, John Sherwood, Gerhard Hennige and Vyacheslav Skomorokhov. Our choice finally went to Whitney and Sherwood.

HIGH JUMP

1. Valeriy Brumel (Soviet Union); 2. John Thomas (US); 3. Valentin Gavrilov (Soviet Union); 4. Ed Caruthers (US); 5. Dick Fosbury (US).

This was another event in which first was absolutely no problem. Valeriy Brumel, still the world record holder, was second at Rome and first at Tokyo and led World Ranking five times running. All factors considered gave John Thomas, twice a medalist, second spot. But then things become cloudy. What to do with Ni Chih-chin, who never competed against anybody who was anybody in his heyday? We finally gave him special mention along with Robert Shavlakadze, 1960 Olympic winner, whose post-Olympic career was not of sufficient strength to rank him above other candidates for the remaining spots. These were Valentin Gavrilov, Ed Caruthers, Dick Fosbury and Otis Burrell. We finally ranked them in that order.

POLE VAULT

1. Bob Seagren (US); 2. John Pennel (US); 3. Ron Morris (US); 4. Wolfgang Nordwig (East Germany); 5. Fred Hansen (US).

The choice for first was a close one between Bob Seagren and John Pennel. We finally picked the Olympic champ over the current world record holder. But it could be either way. Don Bragg, 1960 gold medalist, was given a special mention. But Ron Morris, runner-up in 1960 at Rome, was number one in the World Ranking in both 1961 and 62 and thus gained third place in our deliberations. A distinguished showing over the last half of the decade gave Wolfgang Nordwig, twice European champion, a clear lead over the remaining candidates. In fact, there was no obvious candidate for fifth, based on multi-season showings that we finally chose Fred Hansen, Tokyo Olympic winner, despite the fact that he really had only one outstanding year. We also decided to add to the special mentions two erstwhile world record holders whose careers were cut short by injury: Brian Sternberg and Paul Wilson.

LONG JUMP

1. Ralph Boston (US); 2. Igor Ter-Ovanesyan (Soviet Union); 3. Bob Beamon (US); 4. Lynn Davies (Great Britain); 5. Bo Roberson (US).

Ralph Boston was eight times first in World Ranking in this decade. That obviously settles the issue as to first place. And runner-up here is the man who was runner-up in World Ranking more often than not, namely Igor Ter-Ovanesyan. The two candidates for third were gold medalists Bob Beamon and Lynn Davies. Beamon's superjump tipped the edge in his favor over Davies' better multi-season showing. These four so dominate the decade that it was difficult to select a fifth. Only two Olympic medals escaped this group, namely the silvers won by Bo Roberson and Klaus Beer. We finally selected Roberson for the fifth spot.

TRIPLE JUMP

1. Jozef Schmidt (Poland); 2. Viktor Saneyev (Soviet Union); 3. Vladimir Goryayev (SU); 4. Olyeg Fyedosoyev (SU); 5. Vitold Kreyer (SU).

Jozef Schmidt has plenty of honors, records and points to his credit. He failed to make the World Ranking this year (probably because the Polish Federation did not send him to the European championships) after figuring prominently for the nine preceding years. Viktor Saneyev can point to three superlative seasons as well as to the best marks (sea level and altitude) and is an easy second. Russians Vladimir Goryayev, Olyeg Fyedosoyev and Vitold Kreyer take the remaining positions in that order on a composite evaluation of their stand on the three criteria.

SHOT PUT

1. Randy Matson (US); 2. Dallas Long (US); 3. Neal Steinhauer (US); 4. Parry O'Brien (US); 5. Vilmos Varju (Hungary).

A glance at the all-time best performances list clearly indicates the first choice here, namely Randy Matson. And he has Olympic silver and gold medals as well as a tremendous win-loss record to go along with all those marks. The 1964 gold winner, Dallas Long, dominated the first half of the decade in much the same manner, thus getting second place here. From a multi-season point of view, Neal Steinhauer looked best for third place. Rome Olympic champ Bill Nieder was given a special mention along with 1968 silver medalist George Woods. Each had only one season worth consideration. Again, looking at the decade as a whole, we finally decided that the remaining two places should go to Parry O'Brien and Vilmos Varju. Their marks may not be as impressive as those active in the last half of the decade, but their medals and win-loss records were more so.

DISCUS THROW

1. Al Oerter (US); 2. Ludvik Danek (Czechoslovakia); 3. Jay Silvester (US); 4. Rink Babka (US); 5. Lothar Milde (East Germany).

Even if he had done nothing else, Al Oerter's three gold medals in this decade would put him first. But he has been a world record holder and has a fine competitive record to go along with all that gold. In fact, his edge over his rivals is perhaps greater than that of any other man ranked first in this compilation. And certainly it is not difficult to select his most serious rivals for the decade: Ludvik Danek and Jay Silvester. Both have superior marks but the Czech's medals (silver in 64, bronze in 68) and Silvester's records don't shine quite so brightly. Based on multi-season performances, the other two places went to Rink Babka and Lothar Milde.

HAMMER THROW

1. Gyula Zsivotzky (Hungary); 2. Romuald Klim (Soviet Union); 3. Hal Connolly (US); 4. Vasily Rudenkov (Soviet Union); 5. Gennadiy Kondrashov (SU).

Gyula Zsivotzky is the highest scorer of them all: 84 points out of a maximum of 100. He is also tops in honors won: one gold and two silvers in the Olympics, one gold and one silver in the European championships. Since he also held the world record, his position as number one seems to be clearly established—even though Romuald Klim is about as good in two of the three criteria. Hal Connolly, who narrowly edges Klim as the second highest scorer, also held the world record early in the decade and thus seems entitled to the number three position. Vasily Rudenkov is fourth on the strength of one Olympic gold and two firsts in World Ranking. Another Russian, Gennadiy Kondrashov, takes fifth thanks to his consistent record over the last seven years. Special mention to Anatoliy Bondarchuk, the number one man of 1969 and the current world record holder.

JAVELIN THROW

1. Janis Lusic (Soviet Union); 2. Janusz Sidlo (Poland); 3. Gergely Kulcsar (Hungary); 4. Pauli Nevala (Finland); 5. Jorma Kinnunen (Finland).

Janis Lusic can point to a very high score (76)—and that includes seven firsts. He is strong on other criteria as well, and thus edges Janusz Sidlo, who made the World Ranking in each of the 10 years concerned (actually, he entered the world picture in 1953). These two are obviously in a class by themselves. Gergely Kulcsar, third-best scorer with three Olympic medals (one silver and two bronze) edges Pauli Nevala. Another Finn, Jorma Kinnunen, takes fifth on the strength of a good score, an Olympic silver and a world record. Special mention to Viktor Tsibulenko, the Olympic champion of 1960.

DECATHLON

1. Bill Toomey (US); 2. C. K. Yang (Formosa); 3. Vasily Kuznyetsov (Soviet Union); 4. Hans-Joachim Walde (West Germany); 5. Kurt Bendlin (WG).

Bill Toomey was superlative over the past five years: Olympic gold and the highest score with three firsts in the World Ranking. C. K. Yang has an Olympic silver and a world record, as well as the second highest score—good enough for second over Vasily Kuznyetsov, who trailed Yang in the Rome Olympics and won a European title (his third) early in the decade. Hans-Joachim Walde edges his countryman Kurt Bendlin on a composite assessment of the three criteria for fourth place. Special mention to one-year greats Rafer Johnson, Willi Holdorf and Joachim Kirst.

Statistical Analysis

A Rampage On Records

Life in general in the 1960s moved a gear or two faster than it had in the past. Sports reflect the pace and style of an era, and naturally enough track and field moved along with the same reckless speed and in the same grandiose style as the rest of society. Mass media pumped out the word on what was "in"—whether in cars, clothes, music, movies, or sports methods and records—and a public with more money and leisure time than ever before pounced on the information eagerly. No sooner, though, had one trend gotten itself established than another moved in to replace it. Fame was never more transitory, track's world record holders learned as the best prepared and most competitive athletes in history knocked down standards as fast as they could be erected. Record holders, as a group, enjoyed only short and shaky stays atop the world lists. Once dethroned, they tended to be forgotten, for the 60s was a "Now" age and nothing was deadlier than yesterday's records.

The 60s were filled with former world record holders. We can't revive the prominence they held when holding their marks, and nothing is gained by reviewing the feats of all of them. The fact is, over 200 men's outdoor records were plowed under during the decade, and another 75 or so were tied, so a description of them all would run from here to next month's issue. At best, all we can do is take a broad look at track's statistical progress in the 60s and try to draw some conclusions from this mass of numbers which don't begin to capture the human beauty and emotion of the sport.

As mentioned, the world's trackmen rampaged through the seventh decade of the 20th century breaking records at the rate of 20 a year. Over 40 events are contested with some regularity, and only one of them survived the period without a record alteration. West German Martin Lauer ran the 110-meter high hurdles in 13.2 during 1959. Lee Calhoun, Earl McCullough and Willie Davenport all tied it, and Erv Hall did 13.2 in the slightly-shorter 120-yard race, in the 60s. But no one could go as much as a tenth-second faster, despite the fact that the flat 100-yard and meter sprints both came down by two-tenths and other events requiring the technical skill of hurdling improved by big margins.

Everywhere else in the sport, progress has gone on at a staggering rate. Record changes give one of many views of that progress. Fiberglass brought a full-scale revolution in pole vaulting during the 60s, and that mark inched skyward from 15'9 $\frac{3}{4}$ " to the current 17'10 $\frac{3}{4}$ " in 23 installments. Shot putting had the next highest number of record revisions with 13, and the discus mark went up 12 times. Other global bests took fewer poundings, but it was quite rare when a record wasn't bettered repeatedly. Besides the highs, the 440-yard intermediates, 800-meters and 880-yard relay turned out to have the sturdiest marks. They went through the decade with only one change apiece—by Gert Potgieter, Peter Snell and San Jose State.

Recordwise, field events picked up the most. This isn't surprising, since these generally are the most technical events and offer the most room for improvement as competence increases. New techniques, new and more thorough training methods came into general use in the 60s and made better performances possible. So did mechanical developments—improved implements for the vault, discus and javelin, and better takeoff areas. For the throwers, the companies who manufacture anabolic steroids also played a significant role.

Percentages provide the best guide for comparing one event, or group of events, with another. Record improvements during the decade just past averaged 9.3% in the Olympic field events (including decathlon) against 2.66% in the races and relays, which tend to get an overbalance of the attention. The top eight progressers (SP, DT, PV, HT, LJ, JT, Dec, HJ in that order) were from the field, and nine of the top dozen. Shot putting, which shot up from 63'4" to 71'5 1/2" in the 10 years, leads all events with a 14.14% improvement figure. The discus is next at 13.63%, followed by the vault at 12.91%. Triple jumpers went up the least of the field eventers with 4.18%. But that still outranked every running event except the marathon--which was experiencing unprecedented emphasis and had a 5.49% record improvement--and 200-meters (4.37%).

Breaking down the categories a little more, they rank like this: throws--11.37%; jumps--8.03%; decathlon--5.79%; short races (100-800 plus 400 & 1600 relays)--3.05%; long races (1500-marathon)--2.8%; hurdles--1.12%.

The curious and surprising thing here is that the short races outstripped the long ones, which seem to offer greater range for improving. Fact is, the two-tenths drop in the world 100-meter record is greater percentage-wise than the 1500 which came down from Herb Elliott's 3:35.6 to Jim Ryun's 3:33.1. John Carlos' 19.7 for 200-meters represents a greater improvement than Ron Clarke's 27:39.4 for 10,000. Lee Evans' 43.8 for 400 is better, comparatively, than Vladimir Dudin's 8:22.2 steeplechase.

Here is the event-by-event breakdown of record-breaking in the 1960s, with figures on the number of times a mark was broken and tied, the best performances at the start and finish of the decade, the margin of record improvement and the percentage. (*=not officially accepted as a record)

Event	Broken	Tied	Start	Finish	Margin	Percent
100y	2	19	9.3	9.1	0.2 sec	2.15%
100m	2	18	10.1	9.9	0.2 sec	1.98%
200m	5	9	20.6	19.7*	0.9 sec	4.37%
220y	4	3	20.6	20.0	0.6 sec	2.91%
400m	5	3	45.2	43.8	1.4 sec	3.09%
440y	3	0	45.7	44.7	1.0 sec	2.19%
800m	1	1	1:45.7	1:44.3	1.4 sec	1.32%
880y	2	0	1:46.8	1:44.9	1.9 sec	1.77%
1000m	3	1	2:17.8	2:16.2	1.6 sec	1.16%
1500m	2	0	3:36.0	3:33.1	2.9 sec	1.34%
Mile	5	0	3:54.5	3:51.1	3.4 sec	1.45%
2000m	4	0	5:02.2	4:56.2	6.0 sec	1.95%
3000m	4	0	7:52.8	7:39.6	13.2 sec	2.81%
2Mile	7	0	8:32.0	8:19.6	12.4 sec	2.42%
3Mile	5	0	13:10.8	12:50.4	20.4 sec	2.60%
5000m	5	0	13:35.0	13:16.6	18.4 sec	2.26%
6Mile	3	1	27:43.8	26:47.0	56.8 sec	3.41%
10,000m	5	0	28:30.4	27:39.4	51.0 sec	2.98%
3000mSt	7	0	8:32.0	8:22.2	9.8 sec	1.91%
Marathon	7	0	2:15:17	2:08:33	6:44	5.49%
120/110HH	0	6(3m)	13.2	13.2	0.0 sec	0.00%
400mIH	3	1	49.2	48.1	1.1 sec	2.24%
440yIH	1	0	49.7	49.3	0.4 sec	0.80%
HJ	8	2	7'1"	7'5 3/4"	4 3/4"	5.59%
PV	23	1	15'9 3/8"	17'10 1/4"	2'2 1/8"	12.91%
LJ	7	2	26'5 1/4"	29'2 1/2"	2'6 3/4"	9.44%
TJ	6	0	54'9 1/4"	57'3 1/2"	2'3 1/2"	4.18%
SP	13	0	63'4"	71'5 1/2"	8'1 1/2"	14.14%
DT	12	1	196'6 1/2"	224'4 3/8"	27'10 1/4"	13.63%
HT	9	0	225'4"	247'7 1/2"	22'3 1/2"	9.89%
JT	5	0	282'3 1/2"	304'1 1/2"	21'10"	7.83%
Decathlon	6	0	7957	8417	460 points	5.79%
400mR	5	3	39.5	38.2	1.3 sec	3.29%
440yR	5	5	40.0	38.6	1.4 sec	3.50%
880yR	1	1	1:22.6	1:22.1	0.5 sec	0.60%
1600mR	4	0	3:03.9	2:56.1	7.8 sec	4.24%
MileR	3	1	3:07.3	3:02.8	4.5 sec	2.44%
2MileR	6	2	7:21.0	7:14.6	6.4 sec	1.43%
4MileR	3	0	16:25.2	16:05.0*	20.2 sec	2.05%

As a record breaker, distance man Ron Clarke had no one near him in the 60s. On 17 occasions during those years, Ron broke outdoor marks ranging in distance from two-miles to 20-kilometers (about 12 1/2 miles). He still owned two-mile, three-mile, six-mile, 5000- and 10,000-meter marks as the 60s merged with the 70s. Three athletes--shot putter Dallas Long, vaulter John Pannel and sprinter Tommie Smith--had nine record breaking experiences each. Jumpers Ralph Boston and Valeriy Brumel broke five marks apiece and tied one, and Lee Evans got five. Peter Snell had four and a tie in the middle distances, while Bob Hayes sprinted to six record-equalers and set one.

Clarke also was quite adept at barrier-shattering in an era when there was little regard for the statistical barriers of time and distance. Times such as 27-minutes for the six-mile, 28-minutes for the 10,000, 13:30 and 13:20 in the 5000, 13-minutes in the three-mile and 8:20 in the two didn't take on magical qualities for Ron. They were simply round figures he happened to stop his record runs beneath. But no one else had gone under them before.

Lots of other round figures came in for first-time beatings: 10.0 100-meters, 20.0 200-meters, 16- and 17-foot vault, 27-, 28- and 29-foot long jump, 70-foot shot, 300-foot javelin, 8000-point decathlon. These are the leading "barrier-breakers" of the decade.

10.0 (100m)	9.9 Jim Hines 68	13:30 (5000m)	13:25.8 Ron Clarke 65
20.0 (200m)	19.7 John Carlos 68	27:00 (6Mile)	26:47.0 Ron Clarke 65
45.0 (400m)	44.9 Otis Davis 60	28:00 (10,000)	27:39.4 Ron Clarke 65
44.0 (400m)	43.8 Lee Evans 68	8:30 (3000mSt)	8:29.6 Gaston Roelants 65
45.0 (440y)	44.9 Adolph Plummer 63	49.0 (400mIH)	48.8 Geoff Vanderstock 65
1:45 (800m)	1:44.3 Peter Snell 62	16'0" (PV)	16'3 3/8" John Uelses 62
1:45 (880y)	1:44.9 Jim Ryun 67	17'0" (PV)	17'3 3/8" John Pannel 63
8:30 (2Mile)	8:29.8 Jim Beatty 62	27'0" (LJ)	27'10 1/4" Ralph Boston 61
8:20 (2Mile)	8:19.8 Ron Clarke 67	28/29'0" (LJ)	29'2 1/2" Bob Beamon 68
13:00 (3Mile)	12:54.2 Ron Clarke 65	55'0" (TJ)	55'10 1/2" Jozef Schmidt 60

56'0" (TJ)	56'1 1/4" Giuseppe Gentile 68	230'0" (HT)	230'9" Hal Connolly 60
57'0" (TJ)	57'3 3/8" Viktor Saneyev 68	240'0" (HT)	241'11" Gyula Zsivotzky 65
65'0" (SP)	65'7" Bill Nieder 60	290/300'0" (JT)	300'11" Terje Pedersen 64
70'0" (SP)	70'7" Randy Matson 67	8000 (Decath)	8063 Rafer Johnson 60
200'0" (DT)	200'5 1/2" Al Oerter 62	39.0 (400/440R)	38.6 Sn California 67
210'0" (DT)	211'9 1/2" Ludvik Danek 64	3:00 (1600R)	2:59.6 United States 66
220'0" (DT)	224'5" Jay Silvester 68	2:15 (Marath)	2:14:28 Bud Edelen 63
		2:10 (Marath)	2:09:36 Derek Clayton 67

Below and beyond the record-breakers and the barrier-breakers a back-up force developed in the 60s. That force gives track breadth, depth and vitality that is the greatest ever. More countries have gotten involved in the world athletic picture. Witness the results of nations like Ethiopia, Kenya and Tunisia in recent Olympics. More athletes are involved--more top ones, more average and below-average ones, more young and more old ones. And more meets are forming to accommodate the increased participation. The results: sharper competition for the upper classes and increased opportunity for the middle and lower ones. Evidence of the sharper competitive pressure and the depth of talent can be seen in a look at year-end lists of marks. In many cases, marks that would have led the world--even been world records--in 1959 will rate no better than 10th, or 25th, or 50th as 1969 closes. Pre-1960 times, heights and distances become scarcer by the month on all-time top 50 lists.

Opportunity to compete goes along with both the jump in quality and explains it. More athletes were and are competing more often. The 1960s brought the spread of indoor track from coast to coast in the US and on a bigger scale in other areas of the world. In the standard indoor events, only the bests in the 50- and 300-yard dashes came before 1960. Even then, the 50 has been tied and the 300 broken innumerable times on unacceptable tracks.

Evidence on other areas of the sport isn't so easily documented statistically, but the fact that they grew rapidly during the last decade is obvious. Track for the young age groups, primarily below high school level, hardly existed in the 50s and earlier. Now, with both the AAU and Federation pushing it, age-group track is a nationwide operation. Track for the older age groups, men 40 and up, went from non-existence to almost booming popularity in the last third of the decade, and the "Masters" now have their own national championship meet. Road racing spurted from "orphan-of-track" status to the point where it stands on its own as a sport. Cross country and race walking, too, matured rapidly.

This much is history and no one can say how much of it will repeat itself in the 1970s. But the momentum built up during 10 years isn't likely to reverse itself, or even shift to a drastically slower pace, simply because one decade is melting into the next. (Joe Henderson)

Trends and Developments

Emerging Nations Share Glory

Track internationalized in the 1960s. In theory, it had been international previously. But in practice, world leadership was limited almost entirely to European countries and those with strong European cultural ties--the United States, Canada, Australia and New Zealand. Few Asians ever had held world records or won Olympic championships, fewer Latin Americans and no one at all from black and brown African nations. The wealth spread to all of them in the decade just past, and particularly to the Africans.

Ethiopian marathoner Abebe Bikila previewed the rise of this new and powerful force in 1960, when he won the Olympic marathon and had Abdesselem Rhadi of Morocco following him. Significantly, the next two Games were first-ever for Asia and Latin America, and they were ideal settings for "Third World" emergence. At Tokyo, Bikila won again, and Cubans, Trinidadians, Kenyans, Tunisians and Japanese all grabbed medals. The Mexican show was better yet. Kenyans stormed away with three victories, four second places and a third, Kip Keino, Naftali Temu and Amos Biwott doing the winning. Ethiopian Mamo Wolde succeeded Bikila as marathon champ after placing second in the 10,000. Tunisian Mohamed Gammoudi took the 5000. Jose Pedraza got Mexico's first-ever medal, a silver in the 20-kilometer walk, and Brazilian Nelson Prudencio matched that finish in the triple jump. Japanese marathoner Kenji Kimihara was second in perhaps the most truly international race in Games history--an African winning, followed by an Asian and a white New Zealander.

Clearly, the US-European-Australasian power structure now was having to share its wealth. All were and are still strong, yet they can't afford any longer just to look at each other as competition. The US itself had to shake off a preoccupation with the Soviet Union as other nations strengthened. US-Soviet duals, which began in the 50s, extended into the 60s, but this country added meets with Great Britain, the British Commonwealth, West Germany and Poland. As travel became easier and competition keener, international meets of all types sprang up. There were more duals, more regional championships, new major meets like the European Cup and the Americas-Europe match, and small groups of touring athletes became regular features at major meets throughout the world. The track world is a better, more exciting one for all this. (Joe Henderson)

Precocious Stars Ascend

Youth loudly demanded a fully participating role during the 1960s, and usually got it. It happened in track, as on the campuses and on the streets. Valeriy Brumel, Bruce Kidd, Gerry Lindgren, Jim Ryun, Casey Carrigan. The list goes on an on, and all of them have a common trait. All were on the under-side of age 20--some far under--when they crashed world class. And the emergence of these prodigies regularly and in rather large numbers developed into one of the most exciting trends of the decade. It worked the other way too, with more and more older athletes finding a place for themselves in the sport. But that's another story.

The jumps, sprints and hurdles have tended to be "young" events, draw-

ing their leaders generally from athletes not far from 20 years old. Notable upsurges of sub-20s here aren't as obvious as those in the distances and throws--traditionally dominated by men closer to 30.

Distance running and distance runners have truly revolutionized. Old ideas of long races damaging young bodies were buried, hopefully forever, beneath a landslide of contrary evidence. Opportunities increased along with enthusiasm for longer and longer running. It began with two-miling and spread all the way to the marathon. High school runners demonstrated that they could race on anyone's terms. Bruce Kidd was first. From 1960 on, the Canadian ran eye-opening and mind-changing times: 8:46 for the two-mile at age 17, 13:17 for three when he was 18, a British Commonwealth six-mile win at 19. A contemporary, Tom Sullivan, brought the prep mile record down to 4:03.5 in 1961. Next came Ryun and Lindgren. Their times were even harder to believe. Ryun broke four-minutes for the mile and made the Olympic team at 17 and went on to two world records and an American one before reaching 20. Lindgren got his legendary 10,000 win against the Soviets just after graduating from high school, joined Ryun on the 1964 Olympic team and got a share of the world six-mile mark the next year. Others in their class came later--sub-4:00 milers Tim Danielson and Marty Liquori, internationalists Rick Riley and Steve Prefontaine, marathoners Fred Ritchenerson and Chuck Smead--but now we were prepared for most surprises.

Throwing prodigies didn't go at it quite so dramatically, but they caused rumblings. Randy Matson popped the second-longest shot toss to date when he placed second in the 1964 Olympics. He was 19. West German Uwe Beyer was 19, too, when he placed third in the hammer at that Games. More recently, Karl Salb put the shot beyond 67-feet before his 20th birthday, and Mark Murro reached an American record of 292'8" with the javelin while still 19.

The youth movement has touched every event to some degree. Two high schoolers qualified for the 1968 US Olympic team, Reynaldo Brown in the high jump (where he placed fifth after earning his trip with 7'3") and Casey Carrigan in the pole vault (he'd gone 17-feet as a 17-year-old). Both returned from Mexico City for another year as preps. Earlier, Paul Wilson had become the first vaulter to "go his age" when he went 16-feet as a 16-year-old. Two years later, he was going 17-feet. Carrigan topped this by doing 17'4 $\frac{3}{4}$ "--10th on the all-time world list--in 1969.

Sprinters got in on the action, too. As early as 1960, Harry Jerome tied the world 100-meter mark. Willie Turner did it in 1967. Ronnie Ray Smith in 1968. All were 19. Wayne Collett ran 44.9 for 400-meters when he was 18. Of the hurdlers, Bill High and Richmond Flowers were running well below 14.0 long before their 20th birthdays; and Bob Bornkessel and Geoff Vanderstock dipped below 50-flat in the 400-meter intermediates. High jumper Brumel earned an Olympic silver medal and a world record before 20. Jerry Proctor won a national long jump title and competed internationally while still a high schooler.

All this points to one undeniable conclusion. Kids are everywhere. And they're eager to take over. Able, too. (Jack Shepard and Joe Henderson)

Mechanical, Technical Changes

In many cases during the 60s, mechanical advancements in track and field allowed for major changes in techniques of training and competition. Then, too, such developments often happened mutually exclusive of each other.

Mechanically, probably the biggest advancements were the popularization of composition tracks, foam-rubber landing pits and the fiberglass vaulting pole. Not surprisingly, these developments led to revolutionary changes in training and competition methods.

Of the many varieties of all-weather tracks developed, Tartan has produced the best results. Only a small percentage of the composition tracks in the world are Tartan--something less than 100. But the performances which have come on them--whether at Mexico City, Athens or Knoxville--brand Tartan as the fastest, most comfortable running surface in history. Moreover, the overwhelming trend has been towards composition runways for field events, even when the track remains dirt and/or cinders.

As a result of this consistently fast, uniform surface, style developments like the 13-step pattern in the intermediate hurdles have resulted. Britain's Dave Hemery shattered the 400-meter hurdle world record at Mexico with a 48.1, running 13 steps for the first six hurdles and decimating the field in the process. The "bounce" yielded by Tartan makes 13 strides easier to achieve and it may become common in the near future for quarter hurdlers to cover the entire lap taking 13 strides between hurdles.

High jumpers, pole vaulters, long jumpers, triple jumpers and javelin throwers have all claimed the surface altered their style and even impaired their approaches initially, but most have credited some improvement in their marks to the synthetic surface once they had mastered the effects it created--more sprinting in the case of the high jumpers and increased speed in the other four field events. All the leading horizontal jumpers at Mexico City gave some credit to Tartan for the fantastic onslaught on performances.

In training, too, Tartan has allowed athletes to train harder and for longer periods of the season on the track, without the usual sore legs, shin splints and aching muscles dirt tracks often produced.

Foam landing pits have likewise aided the high jump and the pole vault and the progress in both events has been aided immeasurably by the softer landing surface. Particularly in the pole vault, the progress of both goes virtually hand-in-hand. Without foam pits, vaulters could not take as many practice vaults--or competitive attempts for that matter--because it was simply too hard to land on sawdust or shavings or even sand very many times. And, as heights rose and rose, vaulters began to spread-eagle after clearing the bar, plopping down in the pit on the flat of their back. The comfort of foam pits, as well as being much safer, allowed this fly-away clearance to become a routine part of the vault style. Dropping from heights of 17-feet or higher onto the flat of his back on hard sawdust could seriously injure a man.

In the high jump, foam pits allowed the further development and popularization of the Fosbury Flop technique. With safe, soft foam pits more readily available, more and more jumpers are turning their backs to the bar. Particularly concerning the flop, foam pits are a vital safety factor. Dick Fosbury

evolved his style and jumped with it into sawdust pits for several years--and three compressed vertebrae in his neck resulted. As in the vault, foam pits allow jumpers to take more practice and competitive jumps.

The mechanical development which revolutionized the vault, however, was the fiberglass pole. Although the poles had been developed and used in the 1950s, glass poles became universally used in the 60s. Virtually no national or world class vaulter uses metal today. The meteoric rise in the vault world record reflects the impact of the glass pole: a full two feet has been added to the record since George Davies set the first world record on glass of 15'10 $\frac{1}{2}$ " in 1961. By comparison, only 1 $\frac{3}{4}$ " were tacked on from Dutch Warmerdam's bamboo record of 15'7 $\frac{3}{4}$ " to Don Bragg's last metal mark of 15'9 $\frac{1}{4}$ "--and it took 18 years.

Other significant mechanical developments included lighter, more versatile track shoes, some specially designed for Tartan, featuring such advancements as interchangeable spikes, Velcro fasteners, and "brush" spikes. Javelins have been redesigned and improved aerodynamically for longer flight. All top throwers now use metal spears, rated for throws between 60 and 90 meters.

Even computers have invaded track and field, their high-speed thoroughness used to print results of competitions ranging from the Mexico Olympics to collegiate dual cross-country meets. T&FN's annual lists have been printed by computer and a current book in production details training schedules for distance runners formulated by computer.

In training and technique advancements, probably the major feature generated out of the 1960s was that track competitors on every level--international to high school to seniors to women to age-group--train more thoroughly than ever before. Along with this development has come the wider dissemination of knowledge about training and competing--through books by world-class athletes and coaches, through training films and clinics, and through journals such as *Track Technique*.

The early 60s saw the emergence of a new school of running training inspired by New Zealand coach Arthur Lydiard. This new training style--marathon-style training of long runs on roads or cross country courses with track training used only for sharpening before major competitions--was in direct opposition to the interval training method popularized in the late 50s by Hungarian Mihaly Igloi--in which this coach was in total control of the athlete and workouts consisted of repeated, fast sprint sessions.

Other styles have evolved from Lydiard's basic form, and now almost everyone's training includes, at one time or another, some form of long runs on the roads.

The major impact on sprint, hurdle and field event training has come from the universal acceptance of weight-training, both to yield strength and increased conditioning. Isometric contraction is an off-shoot of the weights method, featuring progressive resistance for short periods of time.

The influence of drugs has been felt strongly in the last few years, particularly the anabolic steroids. The use of certain drugs has been ruled illegal by the IAAF and drug tests for athletes have been instituted in the Olympic Games and European Championships.

A final significant development during the 60s was the vast increase in scientific investigation and research in relation to performance, mechanics and improved training methods. Such investigation proved invaluable in preparation for the mile-high Mexico Olympics.

With the advancements in the mechanical and technical phases of track and field during the past decade, it might be natural to ask "What's left?" But, as we look back on the 1970s 10 years hence, it is very likely we will catalog more spectacular and significant mechanical developments which have had a revolutionary effect on the training and competition of athletes.

Clearly, both on the track and off, the race is far from over. (Jon Hendershott)

Broad Effects of Rule Changes

Rules changes in the 1960s broadened the scope of track and field competition, some lessened restrictions and others imposed additional restraints.

In the first category fall such changes as: the change in the collegiate program from the two-mile to the three-mile; the addition to both dual and championship schedules of standard international events like the six-mile, steeple, intermediates, triple jump, hammer and relays (and the elimination of the 200/220 and 220 lows on the straight); the addition of the marathon and decathlon to the USTFF and decathlon to the NAIA championships (with the decathlon set for both NCAA championships in 1970); and, the inclusion of the two-mile in the high school program.

Most notable rule changes lessening event restrictions were: the elimination of the rule stating that a vault effort would be counted as a miss if the pole followed the vaulter into the pit (although still illegal in high school where the bar height is much lower); the addition of 10-meters more starting distance in relays up to the 880 before runners enter the passing zone (there is now 10-meters in which to run and 20 to pass; formerly there had been 20-meters for both running and passing); there is no longer illegal wind in the decathlon 100, LJ and HH; the back angle of the pole vault box, which ranged from 90 to 105 degrees, has been standardized at 105°; the addition to college rules of the countback rule in the high jump and pole vault.

Additional restraints have resulted from such changes as: exclusion of the neck as part of the torso (runners are now placed when their shoulders reach the near edge of the finish line); the addition of electronic timing in the Olympic Games (slower than hand-timing); measuring the DT, HT and JT in even centimeters and full inches; narrowing of DT and HT sectors from 60° to 45°; the change in decathlon scoring tables; athletes changing nation of residence must reside three full years in the new nation before being allowed to represent it in international competition; all members of world-record relay teams must be from the same nation; and, as of May 1, 1970, athletes in certain international competitions must wear plain, white track shoes with white straps. Brush spikes--and the record set on them--have not yet been accepted.

Another notable change was the name of the "broad jump" to the "long jump" and the "hop-step-jump" to the "triple jump". (Jon Hendershott)

New Social, Political Focus

Tommie Smith and John Carlos stand before the sports world and raise black-gloved fists in symbolic protest. In the face of mass boycott threats, the Olympic movement twice blocks South Africa from competing in the Games. College athletes challenge their coaches' rights to regulate what they can grow on their heads and faces. International athletes organize and voice their gripes to AAU administrators. The AAU and NCAA bicker endlessly over how the sport's power should be divided.

The big world outside track was filled with protest and unrest in the 1960s, and it would have been wishful thinking to assume some of it couldn't spill over to the people involved in sports. Troubled times, the 60s were, and track reflected the mood of the era as it went through an unsettled--often unsettling to those most concerned--decade. There were problems ranging from petty to major, boycotts and threats of boycotts, controversies, social movements, political hassles, attacks on the status quo in vocal and impatient terms, regression and progress. Just like in "real life". In fact, we got away from a situation where the sport was viewed as something sacred, above and apart from the world around it. We saw, often quite dramatically, that track isn't always orderly, pure and peaceful--untouched by the climate of the day, ambition, hate, greed, violence and the rest which swirl around it. If nothing else, the sport took on new realism and relevance.

In Birmingham, Washington and eventually even on the victory stand at Mexico City black people were standing up and asking--in one form or another--for equal treatment and opportunity. On the track, they had it. But track became a lever for opening other gates. Harry Edwards organized the Olympic Project for Human Rights before the 1968 Olympics, enlisting black athletes to boycott the Games unless a list of conditions were met. Not all of them were, and no boycott came off. But the group succeeded in spreading their message that Olympians who'd "made it" weren't so grateful that they could overlook prejudices and double standards that greeted them on the streets of their country.

The feeling wasn't confined to the US. Newly-independent African nations got into the international track scene and came into conflict with white-ruled South Africa and Rhodesia. South Africa was barred from the 1964 Olympics after an outcry over its race-separation policies. The IOC agreed to readmit the country for 68, but when the list of protesting nations grew to more than 30 the invitations for both South Africa and Rhodesia were withdrawn. Differences of political opinion have also brought East and West Germany into athletic conflict and have excluded China and North Korea from international meets.

Athletes as individuals, the men who've long fit into a quiet, subservient role, have taken lately to expressing themselves on all sorts of issues affecting them. Hair wouldn't seem to be a very important issue, but it has been at the root of many coach-athlete conflicts which have spread to bigger matters. As long hair and various facial adornments became the style, cases of athletes defying "get-it-cut" orders popped up around the country. Trackmen began looking, too, for more freedom in deciding how they'd train, and when and where they'd compete. Resulting strife cost many athletes their team positions. It also cost at least two college coaches their jobs.

Two 1969 incidents illustrated growing boldness by international athletes. The US team which competed in Europe wasn't at all satisfied with their financial, living and competitive conditions. They banded together for a mild protest, sent a telegram of complaints to President Nixon and vowed to form an athletes' union to correct these problems. The West German team at the European championships took bolder and more direct action. When Jurgen May was ruled out of the meet, a majority of the team voted to boycott. The powerful contingent ended up sending only relay teams into competition.

Even among officialdom there was in-fighting. The biggest blot on track in the decade was the continuing AAU-NCAA war. It began in 1961 and has gone from hot to cool to warm. It has led to attempted boycotts (never totally effective), a Senate investigation, a legacy of bitterness and mistrust, and very little constructive action by either the AAU or the NCAA-created USTFF. Only recently, since Carl Cooper took over as head of the Federation and set out on "non-warring programs", has the scene brightened.

The whole theory of amateurism got a severe test, possibly because it's a system which was outdated decades ago, urgently needs updating and is so unworkable in today's high-pressure sports world that it breeds rule-breakers. Charges fly that Iron Curtain track heroes are heavily subsidized, yet in only slightly different ways so are American students and military men. With the time demands training and competing make, few athletes can reach world class while holding an 8-5 job. They often sacrifice earning power to do it. Whether they take extra expense money from meet promoters or find travelers' checks stuffed in their German-made track shoes at Mexico City, some discover that extra cash is too tempting to turn down. Drugs are outlawed, too. But anabolic steroids, to name just one, have become almost as necessary a part of the top-class weightman's diet as meat and potatoes.

Track people cope with their problems pretty much as other individuals and groups do. Some run from them, some tackle them eagerly yet blindly, some ignore them--hoping they'll go away, and some handle them brilliantly. We've seen all these solutions in the 1960s. Threatening combinations of politics, protests and problems of other sorts are sure to carry on into the 70s--likely escalating in intensity and frequency. The methods track's athletes, administrators and fans choose to cope with them is sure to be reflected in what happens on the track and field. (Joe Henderson)

T&FN Changes Content, Appearance

Much change has taken place at Box 296, Los Altos, during this seventh decade of the 20th century. Both Track & Field News itself and the operation which produces and surrounds it are far different as the Sensational Sixties draw to a close.

The magazine has changed slowly but continuously, in appearance and content. The full-page photo cover is the most noticeable alteration, but a look at two issues 10 years apart will show vast differences in layout, use and quality

of photos, and in content. News, results, reports and statistics all are handled differently, and there is much greater emphasis on the personal, human interest side of the sport. As controversy and introspection have exploded in American life and sport so have they become a part of the bible of track.

In 1960, we had a publisher and a new managing editor working full-time, along with a part-time shipping clerk. Today, we have six full-time employees and 12-15 part-timers. Circulation has climbed from 5400 to over 13,000, total pages during the year from 196 to 492, issues yearly from 12 to 18, advertising pages from 15 to 117 a year. The subscription rate increased from \$3 to \$5.

Some of the major additional operations are the founding of Track Technique in 1960, the growth of the Track & Field Market Place into a semi-annual, 48-64 page catalog serving 36,000 coaches and other buyers, and the considerable expansion of activity in book publishing, Olympic and other tours, and production of loops and other films.

Ten years ago, we occupied about half of a 2000 square foot room. Now we are crowding some 3000 square feet, plus additional storage space, with separate quarters for the editorial staff, business department and publisher. In the equipment line, our major acquisitions were a high-speed addressing machine, a type composing machine and an offset printing press on which we print Track Technique, promotion material, small catalogs and a host of other items. Track & Field News still is printed by Peninsula Lithograph Co. of Menlo Park, just as it has been ever since late 1948.

As the next decade starts, we can be certain of only one thing: there will be more change in our operation. Track Technique readers will notice this immediately as the December issue introduces a new look. As with everything else we do, we think it is an improvement and hope you will agree. (Bert Nelson)

Forward Into the 70s

The 60s Only a Prelude to 70s

So, after looking back at all the fantastic achievements and mind-blowing record improvements during the 1960s, what can we look forward to during the 1970s? That's a very good question.

Of course, no one can foresee what super-sensational performances and performers the next decade holds. A world record holder in 1979 may not have even begun his track career yet.

But numbers can give us at least a purely mathematical prediction of what we can expect in the next 10 years. Listed below, then, are four columns; the first lists the world records in the standard Olympic events and their yard equivalents in 1920 and at the end of 1969; the second lists the average gain in percent of the world record from 1920 through 1970; the third lists the predicted world record in 1980, based on the percentage increase of each record during 1960-70; the fourth lists the predicted world record in 1980, based on the average percentage increase of the world record during the decades from 1920 through 1970.

Event	1	2	3	4
100y	(9.6-9.1)	1.06	8.9	9.0
100m	(10.6-9.9)	1.35	9.7	9.8
200mt	(21.2-19.8)	1.36	19.0	19.5
220yt	(21.2-20.0)	1.15	19.4	19.8
400m	(47.4-43.8)	1.56	42.4	43.1
440y	(47.4-44.7)	1.16	43.7	44.2
800m	(1:51.9-1:44.3)	1.39	1:42.9	1:42.8
880y	(1:52.2-1:44.9)	1.34	1:43.0	1:43.5
1500m	(3:54.7-3:33.1)	1.98	3:28.1	3:28.9
Mile	(4:12.6-3:51.1)	1.76	3:47.7	3:47.0
3Miles	(14:17.6-12:50.4)	2.12	12:30.5	12:34.1
5000m	(14:36.6-13:16.6)	1.90	12:58.6	13:01.5
6Miles	(29:51.6-26:47.0)	2.15	25:52.2	26:12.4
10,000m	(30:58.8-27:39.4)	2.24	26:49.9	27:02.2
3000m Steeple	(--- -8:22.2)	2.75	8:12.6	8:08.4
120y/110m HH	(15.0/15.0-13.2/13.2)	2.50	13.2	12.9
400mIH	(55.0-48.1)	2.63	47.0	46.8
440yIH	(54.6-49.3)	2.00	48.9	48.3
HJ	(6'7 $\frac{1}{4}$ "-7'5 $\frac{3}{4}$ "	2.47	7'10 $\frac{1}{8}$ "	7'8 $\frac{1}{8}$ "
PV	(13'2 $\frac{1}{4}$ "-17'10 $\frac{1}{4}$ "	5.79	20 $\frac{1}{4}$ "	18'10 $\frac{1}{2}$ "
LJ	(24'11 $\frac{3}{4}$ "-29'2 $\frac{1}{2}$ "	3.03	31'8 $\frac{3}{8}$ "	30'1"
TJ	(50'11"-57' $\frac{3}{4}$ "	2.23	59'3 $\frac{3}{8}$ "	58'4"
SP	(51'0"-71'5 $\frac{1}{2}$ "	6.41	82'1 $\frac{1}{2}$ "	76'8 $\frac{1}{2}$ "
DT	(156'1 $\frac{3}{8}$ "-224'5")	6.96	252'2 $\frac{1}{2}$ "	240'0"
HT	(189'6 $\frac{1}{2}$ "-247'7 $\frac{1}{2}$ "	5.07	274'5"	260'2 $\frac{1}{2}$ "
JT	(216'10 $\frac{3}{8}$ "-304'1 $\frac{1}{2}$ "	6.48	325'11 $\frac{3}{8}$ "	323'10 $\frac{1}{4}$ "
Dec	(--- -8319)	4.95	8681	8731

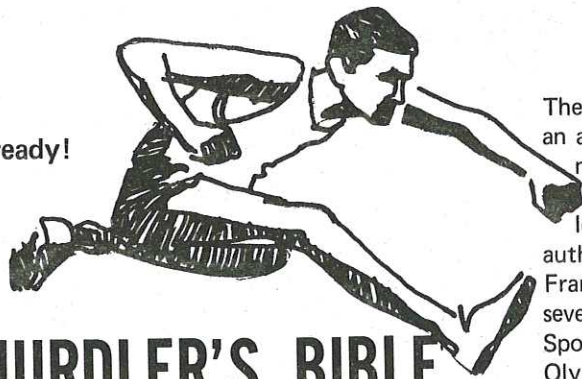
Again, this is just what the numbers may look like in 1980. We have no way of knowing who will set them or when or how they'll be set. Somehow, though, not knowing the who or when or how makes it all the more exciting--and all the more tantalizing.

One thing is nearly certain, regardless: if the 60s were "sensational", the 70s may very well turn out to be indescribable. (Jack Shepard)

Sensational Sixties' Phantom Photos

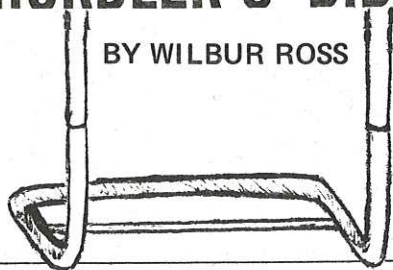
Underlying the Sensational Sixties, from beginning to end, were athletes and underlying our review of that fabulous decade are photos of the top 10 athletes of the past 10 years. Page 12 (left), Athlete of the Decade Peter Snell (photo by Gene Mozee); Page 12 (right), Ron Clarke (photo by Ed Lacey). Page 13, Valeriy Brumel (Lacey). Page 14 (left) Ralph Boston (photo by Alan Shapiro); Page 14 (right) Jozef Schmidt. Page 15, Gyula Zsivotzky (Shapiro). Page 16 (left), Tommie Smith (photo by Jeff Kroot); Page 16 (right) Bob Hayes. Page 17, Randy Matson (Kroot). Page 17, Al Oerter (Kroot).

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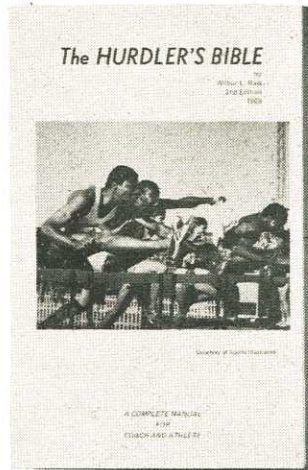


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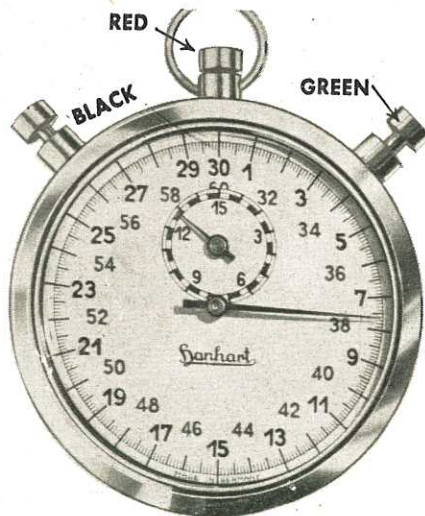
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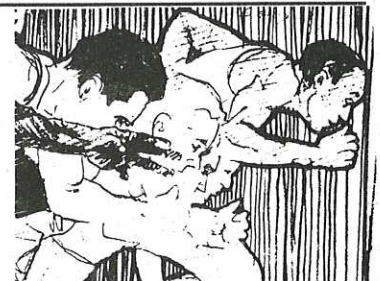
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World, US Indoor Records

There are no "official world indoor records", i.e. marks recognized by the IAAF. But the following list is the closest thing to it. T&FN follows the AAU's American record standards in establishing our list—only board tracks of 220-yards or smaller, etc. We list AAU-approved American records that are world bests, plus others made under similar "official" conditions. Indoor tracks are classified like this: a=12 laps or more per mile, banked or unbanked; b=9-11 laps, unbanked; c=11 laps, banked; d=8 laps, unbanked; e=8-10 laps, f=more than 220-yards per lap. Other abbreviations and symbols: p=pending approval; h=heat; s=semifinal; n=non-winning time; e=en route to longer distance.

Event	Mark	Athlete/Country	Site	Date
40y	4.4	Ben Johnson (US)	Providence, RI	2/15/35
50y	5.1	Barney Ewell (US)	Philadelphia, Pa	2/10/39
50m	5.4	Bill Gaines (US)	Moscow, USSR	2/17/68
60y	5.9	Bob Hayes (US)	New York, NY	2/22/64
	5.9	Sam Perry (US)	New York, NY	1/28/65
	5.9	Darel Newman (US)	San Francisco, Calif	2/26/65
	5.9	Charlie Greene (US)	Los Angeles, Calif	1/22/66
	5.9	Bill Gaines (US)	Albuquerque, NM	3/ 4/66
	5.9	Jim Hines (US)	Albuquerque, NM	1/28/67
	5.9	John Carlos (US)	Washington, DC	1/10/69
60m	6.5h	Heinz Futterer (WG)	Kiel, WG	3/12/55
	6.5	Heinz Futterer (WG)	Kiel, WG	3/12/55
	6.5	Hans-Joachim Bender (WG)	Berlin, WG	3/ 9/63
	6.5	Wieslaw Maniak (Pol)	Warsaw, Pol	2/22/64
	6.5	Aleksandr Lebedev (SU)	Moscow, USSR	1/29/67
	6.5	Wieslaw Maniak (Pol)	Belgrade, Yug	2/25/68
	6.5	Jobst Hirscht (WG)	Stuttgart, WG	3/ 2/68
70y	6.8	Mel Pender (US)	Louisville, Ky	2/27/65
	6.8	Mel Pender (US)	Louisville, Ky	2/15/69
70m	7.5	Helmut Kornig (Ger)	Dortmund, Ger	2/28/32
	7.5	Erich Borchmeyer (Ger)	Frankfurt-Main, Ger	3/ 8/36
	7.5	Wilhelm Leichum (Ger)	Frankfurt-Main, Ger	3/ 8/36
	7.5	Armin Hary (WG)	Berlin, WG	2/14/59
80y	8.0	Dave Sime (US)	Washington, DC	1/21/56
100y	9.4p	Lennox Miller (Jam)	Houston, Tex	1/24/69
	9.4np	Jim Green (US)	Houston, Tex	1/24/69
200m	21.6e	Bernd Jacob (WG)	Stuttgart, WG	3/ 2/68
	21.6ne	Dieter Hubner (WG)	Stuttgart, WG	3/ 2/68
220y	22.2b	Ted Ellison (US)	Brooklyn, NY	3/ 1/35
300y	30.5d	James Lingel (US)	Buffalo, NY	2/14/53
300m	34.4c	Boris Savchuk (SU)	Moscow, USSR	2/30/66
400m	46.2e	Tommie Smith (US)	Louisville, Ky	2/18/67
440y	46.2e	Tommie Smith (US)	Louisville, Ky	2/18/67
500y	55.4p	Larry James (US)	Louisville, Ky	2/15/69
500m	1:02.9 ^c	Mal Whitfield (US)	New York, NY	2/28/53
	1:02.9 ^c	Mal Whitfield (US)	Chicago, Ill	3/28/53
600y	1:09.0e	Martin McGrady (US)	Chicago, Ill	2/12/66
600m	1:17.9	Derek Johnson (GB)	Manchester, Eng	3/15/57
800m	1:46.6e	Dieter Fromm (EG)	Belgrade, Yug	3/ 8/69
880y	1:47.9e	Ralph Doubell (Aus)	Albuquerque, NM	1/25/69
1000y	2:06.0c	Peter Snell (NZ)	Los Angeles, Calif	2/10/62
1000m	2:21.2e	Pierre Toussaint (Fr)	Lyon, France	2/11/67
1500m	3:40.7c	Michel Jazy (Fr)	Lyon, France	2/27/67
Mile	3:56.4c	Tom O'Hara (US)	Chicago, Ill	3/ 7/64
2000m	5:04.4e	Michel Jazy (Fr)	Lyon, France	2/ 6/65
3000m	7:47.8c	Bernd Diessner (EG)	Berlin, EG	2/16/69
2Mile	8:27.2c	Kerry Pearce (Aus)	San Diego, Calif	2/ 3/68
	8:27.2c	George Young (US)	San Diego, Calif	2/22/69
	8:27.2c	George Young (US)	Philadelphia, Pa	3/ 1/69
3Mile	13:09.8c	Alan Simpson (GB)	Tampere, Fin	4/10/65
5000m	13:58.4c	Alan Simpson (GB)	Chicago, Ill	3/20/42
40yHH	5.0	Fred Wolcott (US)	Chicago, Ill	3/20/42
45yHH	5.3p	Willie Davenport (US)	Boston, Mass	2/ 1/69
50yHH	5.8p	Willie Davenport (US)	Toronto, Can	2/14/69
50mHH	6.4h	Eddy Ottoz (Italy)	Prague, Czech	3/11/67
	6.4s	Eddy Ottoz (Italy)	Prague, Czech	3/11/67
	6.4	Eddy Ottoz (Italy)	Prague, Czech	3/12/67
	6.4	Milan Kotik (Czech)	Jablonec, Czech	2/22/68
	6.4s	Leon Coleman (US)	Moscow, USSR	3/15/69
	6.4	Leon Coleman (US)	Moscow, USSR	3/15/69
	6.4	Leon Coleman (US)	Hamburg, WG	3/22/69
60yHH	6.8	Hayes Jones (US)	Baltimore, Md	2/29/64
	6.8	Earl McCullough (US)	Oakland, Calif	2/24/68
	6.8p	Willie Davenport (US)	Ft Worth, Tex	2/ 7/69
	6.8	Willie Davenport (US)	Inglewood, Calif	2/ 8/69
60mHH	7.6	Erv Hall (US)	Berlin, WG	11/17/68
70yHH	7.8	Willie Davenport (US)	Louisville, Ky	2/15/69
120yHH	13.5p	Willie Davenport (US)	Houston, Tex	1/24/69
60yLH	6.5hp	George Byers (US)	Kansas City, Mo	2/28/69
	6.5sp	Wayne Long (US)	Kansas City, Mo	2/28/69
	6.5sp	George Byers (US)	Kansas City, Mo	2/28/69
	6.5p	George Byers (US)	Kansas City, Mo	3/ 1/69
HJ	7'4"	Valeriy Brumel (SU)	New York, NY	2/15/63
PV	17'6"	Bob Seagren (US)	Inglewood, Calif	2/ 8/69
LJ	27'2 ³ / ₄ "	Bob Beamon (US)	Detroit, Mich	3/15/68
TJ	55'3 ³ / ₄ "	Nikolay Dudkin (SU)	Moscow, USSR	2/27/69
SP	67'10"	Neal Steinhauer (US)	Portland, Ore	1/28/67
35lbWt	73'3 ³ / ₄ "	George Frenn (US)	Boston, Mass	2/ 1/69
MileR	3:10.2e	Southern	Louisville, Ky	2/18/67
2MileR	7:22.8e	Villanova	Louisville, Ky	2/15/69
PDMedR	9:44.6c	Kansas State	Detroit, Mich	3/11/67

Several marks would rank as world bests but came on non-board tracks, oversized (bigger than 220-yards) ones or with outdoor implements. They're listed below with one asterisk (*). Would-be records that weren't applied for but still appear legitimate are listed with a double asterisk (**).

50y	5.1**	Willie Turner (US)	Calgary, Can	1/13/68
	5.1**	Charlie Greene (US)	Milwaukee, Wisc	3/ 9/68
	5.1**	Herb Washington (US)	Milwaukee, Wisc	3/ 9/68
	5.1**	Herb Washington (US)	Hamilton, Ont	3/23/68
	5.9**	Jim Hines (US)	Kansas City, Mo	1/21/67
60y	6.4*	Fyodor Pankratov (SU)	Kiev, USSR	2/17/67
	6.4*	Valeriy Borzov (SU)	Kiev, USSR	12/22/68
100m	10.3*	Vitaliy Kunaryev (SU)	Leningrad, USSR	1/17/65
220y	21.7d*	Tom Robinson (Bahamas)	Chicago, Ill	1/17/59
	21.7d*	Jim Green (US)	Chicago, Ill	12/23/67
300y	29.8d*	Bill Hurd (US)	Kalamazoo, Mich	3/23/68
300m	33.1f*	Jean-Claude Nallet (Fr)	Paris, Fr	2/21/69
600y	1:08.6d*	Bill Wehrwein (US)	East Lansing, Mich	2/22/69
600y	1:08.1f*	Hardee McAlhaney (US)	Houston, Tex	1/25/69
880y	1:47.7f*	John Woodruff (US)	Hanover, NH	3/14/40
1000y	2:06.0f*	Ralph Schultz (US)	Champaign, Ill	3/ 1/69
1000m	2:21.0e**	Michel Jazy (Fr)	Paris, Fr	11/ /65
5000m	13:45.2d*	Vyacheslav Alanov (SU)	Sverdlovsk, USSR	3/10/69
75yHH	8.9*	Glenn Davis (US)	East Lansing, Mich	2/ 8/58
	8.9*	Jim Miller (US)	Manhattan, Kans	3/16/63
110mHH	13.6*	Anatoliy Mikhailov (SU)	Leningrad, USSR	3/19/60
	13.6*	Anatoliy Mikhailov (SU)	Leningrad, USSR	3/28/60
60yLH	6.5**	George Byers (US)	Kansas City, Mo	3/ 1/68
HJ	7'4 ⁵ / ₈ "**	Valeriy Brumel (SU)	Leningrad, USSR	1/28/61
SP	69'2 ¹ / ₂ "**	Randy Matson (US)	Ft Worth, Tex	2/10/67
MileR	3:08.4f*	Texas	Houston, Tex	1/25/69
240HHR	28.6*	Eastern Michigan	East Lansing, Mich	3/28/68
SMedR	3:17.9f*	Kansas State	Houston, Tex	1/24/69

OTHER AMERICAN RECORDS

These are the approved American records in events where a US athlete doesn't hold the world mark. The seldom-run metric distances aren't included.

880y	1:48.9c	Dave Patrick (Vill)	Detroit, Mich	3/11/67
1000y	2:07.8e	Ted Nelson (Strid)	Albuquerque, NM	3/ 4/66
HJ	7'3"	John Thomas (Boston U)	Boston, Mass	1/28/61
	7'3"	John Rambo (49er TC)	San Francisco, Calif	1/ 7/67
TJ	54'9 ¹ / ₂ "	Art Walker (Strid)	Albuquerque, NM	3/ 5/66

Irregular conditions:

880y	1:48.3d*	Jim Ryun (Kansas)	Lawrence, Kans	2/23/67
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Indoor Records by Tracks

Here are bests-ever on various sizes and types of tracks. a=12 or more laps, banked or unbanked; b=9-11 laps, unbanked; c=11 laps, banked; d=8 laps, unbanked; e=8-10 laps, banked; f=oversized tracks (more than 220-yards per lap). Surface (dirt, board, Tartan, etc.) isn't considered.

300	a 31.7	Nate Hawthorne (Mt Union)	d 2:07.8	Mark Winzenried (Wisc)
	b 30.6	Bill Hurd (N Dame)	e 2:07.7	Tom Von Ruden (Ft MacA)
	c 30.4	John Carlos (E Tex St/F)	f 2:06.0	Ralph Schultz (NWN)
	d 29.8	Bill Hurd (N Dame)		
	e 30.0	Tom Randolph (Wn Mich)		
	f 30.0	Ronnie Allen (Baylor)		
440	a 48.0	Don Payne (Kansas St)	a 3:58.8	Jim Ryun (Kansas)
	b 48.7	Julio Meade (Kansas)	b 4:10.2	Ken Gould (Omaha)
	c 47.0	Larry James (Villanova)	c 3:56.4	Tom O'Hara (Loyola)
	d 47.6	Mike Mondane (Iowa)	d 4:02.8	Conrad Nightingale (Kans St)
	e 46.2	Tommie Smith (San Jose St)	e 4:01.9	John Camien (Emp St)
	f 47.2	Dave Mills (Purdue)	f 4:02.2	Ray Arrington (Wisc)
500	a 58.7	Don McCarten (Canada)	a 8:44.6	Bob Finlay (Canada)
	b 58.0	Ted Nelson (Tex A&M)		George Young (unat)
	c 55.5	Wendell Mottley (Yale)	b 8:57.8	Barry Brown (NYAC)
	d 57.4	Hugo Maiocco (unat)	c 8:27.2	Kerry Pearce (El Paso)
	e 55.4	Larry James (Vill)	d 8:27.2	George Young (unat)
	f --		d 8:39.2	Van Nelson (St Cloud St)
			e 8:32.2	Ian Stewart (GB)
			f 8:36.2	Ole Oleson (Sn Calif)
600	a 1:09.2	Dave Crook (Nebraska)	3Mile	a 13:34.6
	b 1:09.4	Rick Wohlhuter (N Dame)		Bruce Kidd (Canada)
	c 1:09.2	Martin McGrady (SCVYV)		
	d 1:09.2	Larry James (Villanova)	b --	
	e 1:08.6	Bill Wehrwein (Mich St)	c 13:09.8	George Young (unat)
	f 1:08.1	Hardee McAlhaney (Tenn)	d 13:45.0	Van Nelson (St Cloud St)
880	a 1:51.5	Don Gehrmann (Wisc)	e 13:38.0	Lajos Mecser (Hungary)
	b 1:52.7	Larry Kelly (Tenn)	f --	
	c 1:48.9	Dave Patrick (Villanova)	MileR	a 3:15.0
	d 1:48.3	Jim Ryun (Kansas)		Southern
	e 1:47.9	Ralph Doubell (Australia)	b 3:18.8	Drake
	f 1:47.7	John Woodruff (unat)	c 3:14.1	San Jose State
1000	a 2:08.8	Robin Lingle (Missouri)	d 3:13.1	Iowa
	b 2:08.8	Dave Patrick (Villanova)	e 3:10.2	Southern
	c 2:09.9	Joe Quigley (N Dame)	f 3:08.4	Texas
	d 2:06.0	Peter Snell (NZ)	2MileR	a 7:32.8
				Miami/Ohio
			b 7:36.0	Southern Illinois
			c 7:26.4	Villanova
			d 7:26.2	Oklahoma State
			e 7:22.8	Villanova
			f 7:23.8	Kansas State

Meet Information

SAN FRANCISCO EXAMINER ALL-AMERICAN GAMES. Saturday, January 3, 1970. First major meet of the year and always one of the best. Athletes contact Jim Terrill, Amherst College, Amherst, Mass. 01002. Phone: (413) 542-2284; after Dec. 15, Box 1032, Los Altos, Calif. 94022. Phone: (415) 948-8698. For tickets write: Box 1032, Los Altos, Calif. 94022.

ALBUQUERQUE JAYCEE INVITATIONAL. Saturday evening, January 24, 1970. Where world records are set. Ten lap, bright red, banked turns, plywood track. Athletes or fans write Fred Howlett, P.O. Box 2273, Albuquerque, New Mexico 87103.

OREGON INVITATIONAL. Tenth annual meet, Saturday, January 31, 1970, in Portland Memorial Coliseum, 8:00 p.m. Select field of great athletes. 11-lap track, one of finest in country. Entry info from Bob Newland, 1177 Melvina Way, Eugene, Ore. Ticket info from Coliseum, Portland, Ore.

10th MASON-DIXON GAMES, Feb. 14. 220-yard banked board track world's largest. 144' pole vault runway. Separate 168' LJ-TJ runways. Port-a-Pits. Site of "world" indoor records in the mile and two-mile relays, 440, 500, 70, 70HH. 14,500 seats. Write: 8508 Blossom Lane, Louisville, Ky. 40222.

CLEVELAND KNIGHTS OF COLUMBUS TRACK MEET. 30th Annual Invitational Indoor, Friday, March 20, 1970, at the Cleveland Arena, Cleveland, Ohio, at 7:30 p.m. See outstanding world and college athletes competing in one of the best established meets in the country. For information write or call: Mr. Daniel E. Ferrazza, Catholic Youth Organization, Room 600, 1027 Superior Ave., Cleveland, Ohio 44114. Phone: (216) 241-0684.

MASSACHUSETTS KNIGHTS OF COLUMBUS GAMES. 44th Annual. January 10, Boston Garden, Boston. Featuring O'Reilly Mile, Wm. Prout Memorial 600, Cushing 1000, Larrive 2 mile and other invitational events. College and club relays. Meet director: James Edwards, 419 Boylston St., Boston, Mass. 02116

STAMPEDE CITY INTERNATIONAL TRACK MEET. Jan. 10, Calgary, Alta. Invitational events—men's 50, pole vault, high jump, one and two miles; women's 50, 440 and 880, long and high jumps. Contact: John Cannon, 149 Springwood Dr., Calgary 13, Alberta, Can.

WANAMAKER MILLROSE GAMES. 63rd Annual, featuring Wanamaker mile, Sheppard 600 and other regular invitational events and college relays. Madison Square Garden, New York, N.Y., Friday, Jan. 30, 1970. Meet Director: Fred Schmertz, John Wanamaker, Yonkers, N.Y. 10704.

NEW YORK CHAPTER KNIGHTS OF COLUMBUS. 51st Annual Meet, Friday, Feb. 6, Madison Square Garden, New York City, featuring Columbian Mile, Casey 600, 1000, and other invitational events, college and club relays. Meet Director: Matthew W. Peterson, Prince George Hotel, 14 East 28th St., New York, N.Y. 10016.

SAN DIEGO INDOOR GAMES. Fourth Annual indoor track and field meet. Friday night, Feb. 20, 7:30 p.m., San Diego Sports Arena. Combined with San Diego High School Championships. For ticket information: San Diego Sports Arena, 3500 Sports Arena Blvd., San Diego, Cal. Phone: (714) 224-4171. Meet Director: Ralph Smith. Promotion Director: Al Franken.

SUNKIST INVITATIONAL. Los Angeles Sports Arena, Saturday night, Jan. 17, 7:30 p.m. Meet will spotlight Kipchoge Keino of Kenya, plus great supporting cast. Tickets at Sports Arena, 3939 S. Figueroa, L.A. Phone: (213) 272-7577. For info, contact Al Franken.


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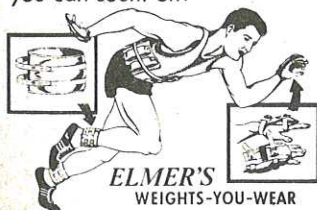


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Athletes Off The Track is concerned with non-competitive action and comment or opinion, of the athlete, by the athlete, and for the athlete. Opinions expressed by others may or may not coincide with those of Track & Field News.

Athletes Offer Suggestions to AAU Track Group

As the result of athletes' meetings in Europe and South Lake Tahoe, five athletes' representatives elected in September have submitted recommendations to the AAU national track and field committee. These suggestions were based in part on athletes' ratings of officials and coaches who accompanied the US international teams to Europe and Japan this summer and fall.

One concrete action taken by the committee was to appoint hammer thrower Hal Connolly as the first athletes' representative to the AAU track and field executive body. Hal was responsible for compiling the surveys and drawing up the set of recommendations on behalf of the competitors.

Of the AAU officials, coaches, managers and trainers who accompanied the men's and women's squads to Europe and Japan and were rated by most of these athletes on nine points, one coach and one manager were mentioned by a majority of the athletes as unsuitable to lead another international tour. The other eight categories included (1) effectiveness in carrying out assigned responsibilities, (2) cooperativeness, (3) compatibility with athletes, (4) interest in securing the best possible conditions for the athletes' well-being and competitive performance; (5) coach's performance in assisting with event; (6) command of respect, (7) fairness and interest in dealing with black and white male and female athletes respectively, and (8) relationship with host country.

Nine recommendations offered the national AAU track and field committee included (1) all future tours should have their leaders submit to the athletes' representatives or captains a list of specific responsibilities of each coach, trainer, doctor, manager, chaperon and the hours of availability, (2) a printed description of the procedure used for nominating coaches, trainers, officials and doctors to the selection lists for AAU touring teams and that provisions be made to permit nominations by athletes' national representatives, (3) the head coach, manager and trainer of a touring team have at least one conference (perhaps joint telephone) in advance of the assembly of the team in order to assure that proper arrangements have been made, (4) that a one-third or more vote of athletes of major touring teams vetoing any coach, manager, chaperon, doctor or trainer be sufficient to prevent that person's name from being considered for future tour selections, (5) chief manager writing a detailed report of his tour with copies to the athletes' national representatives, (6) profits from track television series be shared with participating track clubs to an extent equitable to their contribution, (7) a joint committee of the national AAU track and field committee and athletes' representatives be appointed to begin working out procedures necessary to combine men's and women's national track and field teams into one team with combined national championships and common training sites for international competition, (8) an investigation into the possibility of having optional accident and injury medical insurance available to track and field athletes through clubs, AAU districts or the national AAU office at a nominal premium, and (9) that the national committee and athletes' reps work together in designing and conducting a comprehensive opinion survey into the present policies and problems

of US track and field on a national and international level for athletes, coaches and officials who have participated internationally since and including the 1968 Olympics.

Long jumper Phil Shinnick prepared a report on the Pan Pacific Games tour, and offers eight comments/suggestions. Included in his notations are that all but one athlete signed the AAU's statement of cooperation but only two officials returned a statement prepared by the athletes seeking acknowledgement of their responsibilities. However, he expressed satisfaction with the officials' response to other athletes' requests. Phil believes that each team should have an athletes' representative or captain to work with officials.

Last Minute Effort: Toomey for Sullivan

Southern Pacific AAU track and field leaders are making a belated effort to have Bill Toomey nominated for the prestigious Sullivan Award, the AAU's annual honor to the top amateur athlete in the country.

Toomey, the 1968 Olympic champion and recent world record breaker in the decathlon, was not nominated at the national AAU convention in Miami early this month. Realization of this reached the SPAAU leaders at the same time Toomey completed an outstanding season by adding the world record to his undefeated season and new American record. Hoping it was not too late, the track and field committee of the SPAAU was to consider the matter at its Dec. 16 meeting. One prominent official said, "I know the nominations are made at the convention but it is not fair to athletes who compete so well in the final month of the year. And our case for Toomey is based not just on his great athletic ability, but on his record as a sportsman and as an articulate spokesman for amateur athletics. After all, the award is supposed to go to the amateur athlete who has made the greatest contribution to amateur athletics during the year."

Scheduled

INDOOR December

20 Holiday Open, Chicago, Ill
29-30 K of C, Saskatoon, Sask

January

3 All-American, San Francisco
9 CYO, Washington, DC
10 Atlanta Relays, Atlanta, Ga
10 Mass K of C, Boston, Mass
10 Stampede City, Calgary, Alta
17 Sunkist Inv, Los Angeles, Calif
23-24 NAAIA, Kansas City, Mo
24 Albuquerque Inv, Albuquerque
24 Federation, Cincinnati, Ohio
24 Philadelphia Classic, Phila, Pa
24 Saskatchewan Inv, Saskatoon, Sa
30 Wanamaker-Millrose, New York
30-31 Okla City Inv, Oklahoma City
31 Boston AA, Boston, Mass
31 Oregon Inv, Portland, Ore
31 Snowflake Inv, Pocatello, Idaho

February

5 Maple Leaf, Toronto, Ont
6 Athens Inv, Oakland, Calif
6 K of C, New York, NY
6 Will Rogers, Ft Worth, Tex
7 All-Eastern, Baltimore, Md
7 Seattle Inv, Seattle, Wash
9 Federation, Omaha, Nebr
13 LA Times, Los Angeles, Calif
13-14 Astrodome Inv, Houston, Tex
14 Mason-Dixon, Louisville, Ky
20 San Diego Inv, San Diego, Cal
20 Olympic Inv, New York, NY

20-21 Cent Collegiate, Notre Dame
20-21 WAC, Salt Lake City, Utah
27 AAU, New York, NY
27-28 Big 8, Kansas City, Mo
28 Atlantic Coast C, Chapel Hill, NC
28 Heptagonals, Ithaca, NY
28 New England's, Waterville, Me

March

6-7 Big 10, East Lansing, Mich
7 IC4A, New York, NY
7 Southern Conf, Lexington, Va
13-14 NCAA, Detroit, Mich
14-15 European Ch, Vienna, Austria
20 K of C, Cleveland, Ohio
21 Canadian Inv, Hamilton, Ont

April

3-4 Indoor Champs, Saskatoon, Sas

OUTDOOR

December

30 Sugar Bowl, New Orleans, La

January

1 Orange Bowl, Miami, Fla

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January	Jan 22	I March	Mar 5
I February	Feb 5	II March	Mar 19

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Peter Snell found this—the top step on the Olympic victory stand—a familiar perch during the 1960s. He mounted it three times, twice for the 800 (including this time at Tokyo with Bill Crothers and Wilson Kiprugut—numbers two and three 800 men of the decade) and again for the Tokyo 1500. Peter's gold medal collection, along with world records in 800-meters, 880-yards, 1000-yards (indoors) and meters, and the mile gained the New Zealander T&F's Athlete of the Decade honor. (Sports Illustrated photo by Neil Leifer)

-the market place-

THE 1970 HIGH SCHOOL TRACK & FIELD ANNUAL is out and it's a beauty. 64 pages (our biggest HS Annual ever) and with many photos, features, stats, lists, etc., it is a real feast for the fan. Articles on '69 Prep Athlete of the Year, Regional Review of the '69 Season, Extensive event-by-event Preview of the '70 season, Performer & Performance lists, All-time lists, Records, etc. See ad elsewhere in this issue for fuller details. \$1.00.

THE HURDLER'S BIBLE, Wilbur Ross's excellent technique & training book on the hurdles, is back in print in an all-new, 2nd revised edition. All aspects of training, technique, form, etc. An absolute must for the coach and hurdler—even if he owns the first edition. Many new chapters. Well illustrated. See ad elsewhere in this issue. 177pp. \$3.95.

HIGH JUMP by Dr. Frank Ryan. Written by a well-known coach and student of track & field technique, this volume provides a useful introduction to the event for coach & athlete. Covers technique, style, equipment, strength & conditioning, etc. Well illustrated, with many sequence photos. 1969. 64pp. Hard cover. \$4.95.

WEIGHT TRAINING is another new work by Dr. Frank Ryan. Geared toward the development of coordinated power, the book is a good one for the track man, giving specific weight lifting program and exercises. With many illustrations. 84pp. 1969. Hard cover. \$4.95.

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