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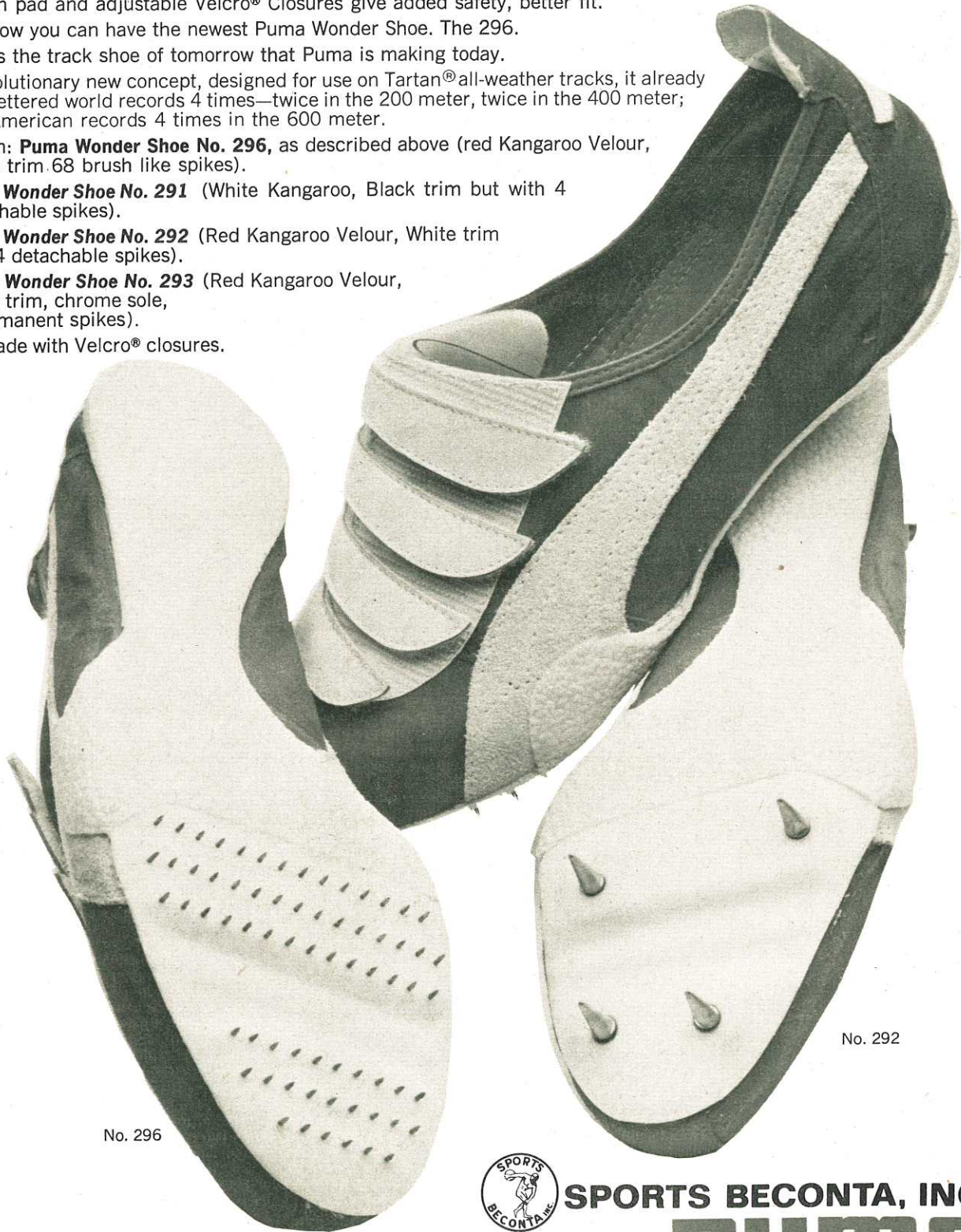
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Sophomore CURTIS MILLS (1) leads Olympians LARRY JAMES (765) and LEE EVANS (597) into the stretch of the NCAA 440 final and Mills led at the tape, running a world record 44.7 to Evans' 45.1. James placed only fifth with 45.8, same time as sixth-placer TOMMIE TURNER (2nd from right) and seventh-place AL COFFEE (305). Obscured BILL WEHRWEIN closed for third in 45.7. (Photo by Steve Murdock)



JON COLE authored one of the more surprising upsets at the AAU meet, spinning the discus 208'10" for meet and personal records and his first-ever win over favored Jay Silvester. (Don Chadez photo)

NCAA CHAMPIONSHIPS

Sophomores Dominate

Knoxville, Tenn., June 19-20-21--There was something very sophomoric about the 48th NCAA championships--but it had nothing to do with the performances. Many of the achievements were superlative for an all-collegiate field, and it was the second year students who overwhelmingly dominated the headlines.

As usual, there were many ingredients that went into the making of this meet. But it remained for a virtually unknown soph to snag the story of the meet as he set the sole outright world record and beat the Olympic gold and silver medalists in the process. Texas A&M's Curtis Mills calmly and smoothly but with speed to spare topped the world quarter-mile standard by a tenth with his 44.7 and shunted Lee Evans to second and Larry James to fifth.

In the very first event and before the timers had a chance to warm-up their watches and forefingers, Villanova's Erv Hall duplicated the world high hurdle record for 120-yards with a 13.2 in a heat. Timing generally seemed off throughout the meet, as the differential between the "official" times and those of reliable timers in the stands at the finish line and the Bulova Phototimer was greater than usual.

Besides Mills' amazing performance, other top achievements by sophomores included John Carlos' double sprint wins of 9.2 and 20.2, Marty Liquori's upset of Jim Ryun in the mile with a 3:57.7 clocking, Ralph Mann's American record equalling 440 intermediate hurdles clocking of 49.6, Jerry Proctor's resurgence in the long jump with a windy 26'11 $\frac{3}{4}$ ", Karl Salb's 64'9" shot put win and Mark Murro's javelin triumph of 265'9" despite a painful back injury. Nine of the 18 individual titles were taken by sophomores.

Marks, particularly in the running events where Tartan was in use for the first time, were top quality through the mile. Even the qualifying rounds were tough, as such times as two windy 9.3s, a 46.0, 1:48.3, two 4:05.1s, and 13.6, 13.7 and 13.8 didn't make the final. But perhaps most incredible of all was a 1:47.8 fourth time that didn't to even make the semi-final rounds. The half-mile, which included the third best-ever mark of 1:45.9 by Byron Dyce, saw every finalist improve in the final by an average of 1.5 seconds (ranging from 0.5 to 3.1) and erased every non-winning best-ever from second to eighth.

It might be said that San Jose State backed into the team title, with 48 to co-favorite Kansas' 45. In some respects it's a reflecting statement as both teams lost points all around and San Jose State coach Bud Winter felt his team could pile up between 60 and 65 points. Certainly San Jose had its share of misfortune, as Lee Evans lost perhaps the surest of all points in the quarter, Larry Walls and Kirk Clayton were both disqualified, there were three seventh non-scoring placers, and shot putter Richard Marks had foul troubles.

San Jose's sprint strength won the title of course, but the key to the victory came in the discus where John Powell placed fourth as Kansas' Doug Knop took fifth. If they had been reversed, Kansas would have won.

Crowd estimates were 3400, 5100 and 8200 each day in the 12,000-seat stadium. The weather steadied in the mid-80s. Rain only affected competitions at the beginning of the final day's events.

(Continued on page 7)

AAU CHAMPIONSHIPS

New Faces of 69 Emerge

Miami, Fla., June 28-29--A greatly new national team was created in the heat and humidity of an AAU championships that could have been called New Faces of 1969.

No new names went into the world record book but there were many newcomers to the list of champions. Only Lee Evans, Bob Beamon and walker Ron Laird managed to defend their titles as six 1968 winners fell by the wayside. Ron Whitney, Charlie Greene, Randy Matson, Jim Ryun, Gary Carlsen and Frank Covelli couldn't make it again and 10 of last year's champs didn't even try. Of the 50 Americans placing in the top three, only 21 were on last year's Olympic team.

But the quality was there nevertheless. Five meet marks were bettered and a sixth tied. Evans covered the 440 in 45.6, Laird hoofed two-miles in 13:31.6, Willie Davenport and Leon Coleman scored a unique tie in a 13.3 high hurdles battle, Jon Cole discussed 208'10", Mark Murro javelined 284'3" and John Carlos furlonged 20.2.

Among the new faces none were fresher than those of Ivory Crockett and John Craft. The former, a 9.4 yearling from Southern Illinois, pulled the major upset of the meeting when he won the 100 from a swift field in 9.3. Craft entered the competition with a 53'9" triple jump mark, best of the season, but the Eastern Illinois jumper had done only 51'2 $\frac{3}{4}$ " for third in the NCAA and was hardly a household name even where track nuts are domiciled. He won at 52'9 $\frac{1}{4}$ ".

Most talked about failure was Jim Ryun who took his mental and physical problems off the track on the second lap and later announced he was done for the year, perhaps always. Another non-finisher was intermediate defender Ron Whitney who has a blood problem and stepped off the Grasstex track after trailing badly over the final obstacle.

Most notably missing was Curtis Mills who whipped both Lee Evans and the world record in the NCAA quarter but then decided he was too tired to compete here. Also missing was a foreign contingent of appreciable size and quality even though this was the qualifying meet for the two-deep Americas team which meets Europe in Stuttgart July 30 and 31. The United States provided all but two competitors for the team, those being Byron Dyce of Jamaican citizenship, 880 winner, and Mexican Juan Martinez, second in the six-mile.

Attendance at the Miami-Dade South Junior College stadium was 9500 on Saturday and 10,500 on Sunday. The weather was in the mid-90s, humid and sunny the first day, in the low 90s, humid and cloudy the next. It was the ideal time to try a novel idea suggested by former distance great Fred Wilt for the benefit of the long-distance runners whose sufferings in hot and humid races he knows all too well. The suggestion to sprinkle the runners with water as they ran the three- and six-miles was passed along by Track & Field News, was adopted by committee, and 16 sprinkling stations were installed. But there was a change of mind and the sprinklers were not used. Instead, the runners were offered wet cloths and cups of water on each lap. Three- and six-mile times were surprisingly good under the conditions.

(Continued on page 15)

News Round-up

US Highlights

Interservice: Hart, Pangburn Hit 215'7", 212'2"

Wichita Falls, Tex., June 17-18 (from Terry Dalton)--With such rewards as trips to the AAU and International Military meets awaiting leaders, and the ever-present threat of a quick return to regular duty hanging over those who trailed, Army men from Fort MacArthur came through in fine style at the Interservice championships. The brightest performances of the lot came from hammer throwers Larry Hart and Wayne Pangburn, who added muscle to the skinny ranks of top US athletes in the event. Their marks stood out among other best-of-life and/or best-of-year marks by discus man Stan McDonald, hurdlers Dave Adkins and Geoff Vanderstock, and runners Tracy Smith, Ken Moore and Doug Wiebe.

Behind Hall Connolly, George Frenn and Tom Gage among this year's American hammer throwers, there had been a 15-foot empty space. Hart and Pangburn helped fill it here. Hart, a West Point graduate, destroyed his 10-day-old career best of 203'10" with a 215'7" toss plus a 217'9" foul. Pangburn went 2'3" over his previous longest with 212'2". Also on Tuesday evening, Stan McDonald became the second-best black discus flinger of all-time with 191'7".

The fast Sheppard Air Force Base track made for some fast times. In the intermediates, Dave Adkins improved to within a tenth of his 1967 PR, winning with 50.6 over 440-yards. Geoff Vanderstock went into the race--his first in six weeks--sporting a seasonal best of only 52.3. The recently-induced soldier lowered that drastically to 51.1. Val Schierling of the Navy ran 51.5. The flat quarter had Jim Kemp taking a 46.1 victory.

Smith and Moore took turns beating Wiebe, though Doug put together a nice two-day double. Tracy confused and discouraged Wiebe in the three-mile by throwing in a hard 220 sprint every third lap. Smith ended up winning by 10 seconds with 13:33.4. The second night's six-mile was a lot closer. Moore scratched out a 28:53.2 to 28:54.0 win.

Bob Frey did some of his best sprinting since 1966, taking the 220 title in 21.1 after a 21.0 heat, as well as running on Fort MacArthur's winning 440 (40.4) and mile (3:10.3) relay teams. Frey's one-time UCLA teammate Bob Day won the mile comfortably with 4:04.8. Former Oregon throwers Neal Steinhauer and Les Tipton, both Fort MacArthur soldiers now, were successful. Steinhauer put the shot 66'4½"--his fifth straight meet over 66-feet--and Tipton topped javelinists with 251'1".

Other highlights: 100, Dalton LeBlanc (Ft Mac) 9.7; 2. Mel Pender (Ft Mac) 9.8. 440, 2. Elbert Stinson (Ft Mac) 47.3. 880, John Perry (USMC) 1:50.3; 2. Tom Von Ruden (Ft Mac) 1:50.3; 8; 3. Jere VanDyk (Ft Mac) 1:51.2. Mile, 3. Von Ruden 4:09.7. 3000mSt, Chris McCubbins (Ft Sam Houston) 8:49.2; 2. Bill Reilly (USMC) 9:06.4. 120HH, Dale Frederick (Ft Mac) 14.1; 2. Robert Green (USAF) 14.1. HJ, Willie Crawford (USAF) 6'11"; 2. John Gilder (USA) 6'11"; 3. Lew Hoyt (USMC) 6'10"; 4. Gary Hines (USAF) 6'10". PV, John Carter (USAF) 15'½"; 2. Jim Eshelman (Ft Mac) 15'½". LJ(no wind info), Ron Coleman (USA) 24'8¼"; TJ(nwi), Bob Loveridge (USN) 48'4". SP, Steinhauer (66'4", 66'2", 66'3", 66'4½", 65'2", 65'9"); 2. Carl Wallin (Ft Mac) 60'8½". DT, 2. Glenn Passey (USAF) 179'9"; 3. Claude Lott (USMC) 175'7". HT, Hart (205'5", f, 211'10", 215'7", 217'9", 212'4"); 2. Pangburn (201'10", 205'2", 205'8", f, 212'2", f); 3. Andy Yuen (Ft Mac) 180'4". 440R, Fort MacArthur (LeBlanc, Jim Means, Pender). MileR, Fort MacArthur (Stinson, Adkins, Kemp).

Sacramento: Pennel Finally Regains Mark, 17'10 1-4"

Sacramento, Calif., June 21 (by Jon Hendershott)--John Pennel inched closer to the not-so-formidable 18-foot barrier tonight with a world record 17'10¼" clearance at the Sacramento Invitational, reclaiming the global standard he last held in 1966.

Pennel's record jump came on his second effort at the height and the two-time Olympian had inches to spare. So he asked for 18'¼", but, like at Houston last week, had to wait nearly 30 minutes between his three efforts. Only once, on his second jump, did he even touch the bar here and that was with his heels.

About the record leap, officially measured at 5.44-meters, Pennel said, "I felt like I had good height. I really wanted the record back." Asked if there was any difference between 17'10¼" and 18-feet, he replied, "Nothing much, except maybe waiting a millionth of a second longer." He said the long wait between vaults in the chilly wind really didn't bother him; he couldn't see the box in the dark, though. Television floodlights were set up after his first try and his best jump came just after. He was later besieged by auto-graph seekers and obligingly signed everything thrust at him.

Pennel's main opposition was expected to come from Casey Carrigan, who cleared 17'4¾" here last week. But Carrigan passed to 16'½" and then missed thrice.

Another youngster came through unexpectedly--and spectacularly. Baby-faced Doug Hawken was off the starting line of the 100 behind Eddie Hart and Andy Hopkins, but Hawken turned on mid-way and despite a finish in which his arms resembled a windmill, nosed out the state junior-college champion and the burly Hopkins. "I've still got to learn to run," said the beaming Hawken later to Striders' coach Pete Petersons. Whatever Hawken called his propulsion down the track, the watches confirmed it was fast: 9.2 for all three men, Hawken and Hart setting a new junior-college record.

The event before on the same stretch of Hughes Stadium was another quickie. Willie Davenport said he thought someone had jumped the gun and there would be a recall. There was no second shot, but no matter. Willie led from the very first hurdle and zipped to a 13.5, pulling Eddy Ottoz, admittedly out of shape, to 13.6. Paul Kerry followed in 13.7, Gary Power had



The site of last year's AAU speed orgy, Sacramento's Hughes Stadium, saw more fleet sprinting at the Sacramento Invitational as (l-r) DOUG HAWKEN, ANDY HOPKINS and EDDIE HART dashed 9.2 100s and LORENZO RUSSELL (r) a 9.4. Hawken and Hart set a new junior college record. (Jeff Kroot photo)

13.8 and Bob Blum and junior-collegian Mike Bates 13.9.

While the wind was well below the allowable for the hurdles and 100, the horizontal jumpers were boosted along by stronger, illegal gusts. Henry Hines, jumping in his home pit, stretched 26'7" and had other leaps of 26'6" and 26'5½". Brazil's Nelson Prudencio bounced 52'5¼" for an easy triple jump victory.

Ludvik Danek's 212'1" gave him his second straight discus win over Jay Silvester, who threw 207'5". Gary Carlsen also used the quartering wind to advantage, throwing 201'9". Randy Matson again got over 66-feet, this time by 2¼", and said he was "pleased to throw over 66 after so little training." Frank Covelli armed the javelin 271'3". Hal Connolly's 221'9" hammer toss was 2'1" ahead of George Frenn, but Connolly said, "Pitiful. But I know what I'm doing wrong now; I can't let the hammer get in front of me. I'm going to get my personal best this year, I know it."

Felix Johnson took the lead of the half-mile less than 50-yards after the start and never relinquished it, running 1:48.5 as Wade Bell started his kick too late and ended up at 1:49.6. Pacific Coast Club teammates John Mason, John Lawson and George Scott were all shooting for sub-4:00 times but the wind down the backstretch held them back, Mason winning in 4:03.5.

Other highlights: 100, 4. Lorenzo Russell (Strid) 9.4; 5. Bill Gaines (unat) 9.6. 220, Hart 20.9;... 3. Hawken 21.3. 440, Bill Toomey (Strid) 48.2. Mile, 2. Lawson 4:03.7; 3. Scott 4:04.7. 440IH, Paddy McCrary (Athens) 51.9; 2. Gary Knoke (Ore) 52.0. HJ, Ed Carathers (P Coast) 6'10". LJ, 2. Gayle Hopkins (P Coast) 25'6¾". TJ, 2. Dave Smith (Athens) 50'2¾". SP, 2. Bruce Wilhelm (Athens) 62'5½"; 3. Lahcen Samsam (Athens) 60'8¾". DT, 4. Dave Weill (Athens) 189'9"; 5. Gary Ordway (P Coast) 187'9"; 6. Larry Kennedy (Athens) 185'7"; 6. Joe Keshmiri (Nevada) 180'0". JT, 2. Larry Stuart (Strid) 252'1"; 3. John Kaveny (Athens) 250'8".

AAU Decathlon: Toomey Tabs Unprecedented Fifth

Bakersfield, Calif., June 27-28 (by Bert Nelson)--"It will be a long time before anyone does that again," opined weary Bill Toomey as he trudged off the field with a coveted fifth straight national AAU decathlon championship.

The Olympic titlist was not at his best physically so the relatively low point total of 7818 did not matter. What counted was that fifth title, one more than achieved by immortal Bob Mathias, the 1948 and 1952 Olympic 10-event king who was on hand for part of the second evening. The win qualified Toomey to compete against the Soviets and British Commonwealth July 18 and 19, at which time he expects to be fit enough to challenge the world record (8319) and perhaps realize his one remaining major objective--the all-time best.

Toomey's teammate then will be Olympian Rick Sloan, who was second with 7465 points. For the European trip and the Aug. 5 and 6 confrontation with the tough West Germans they will be joined by third placer Jeff Bannister, who grabbed the spot by the thinnest of margins. He scored 7383 to 7381 for Jeff Bennett and 7378 for John Warkentin as the rest of the 21 finishers trailed by more than 500 digits.

Aside from a plaguing headwind in the 100 (5.14 mph against Toomey) and long jump, conditions were good for the meet which was moved just a week ago from Salina, Kans., after the leading competitors complained there was insufficient recovery time between the AAU and the international contest. When Salina could not move from the original July 5-6 dates an SOS went out to Bakersfield, which has hosted several national track championships and the 1965 decathlon event in which Toomey started his unprecedented string.

That string was in doubt at least three times. A virus hit Toomey before the meet and he needed a penicillin shot. After three events he felt so poorly he doubted his ability to go on. But continue he did and although he was still running a fever and felt about the same, the second day saw him draw away to pile up an insurmountable lead by the start of the eighth event, the vault. But Bill couldn't surmount his opening height of 11'5 $\frac{3}{4}$ " on his first two trials and he faced the prospect of blowing it all right there, just as he had at the Olympics. He came through on the pressure vault and coasted to a safe winning margin. The vault climaxed the 30-year-old veteran's problems. After he eradicated the mental pressure by getting on the scoreboard with a sufficiency of points (672), he suffered a contusion in the left shoulder, a strain of a back muscle, a heel bruise, a contact lense jammed into the corner of an eye, and dirt in the eyes from the landing pit--all during the vault. "I survived," he said later. "That's the key thing in my five wins. Survival. I consider the time I ripped my leg open and the time I went to the hospital for five months and the time I had a knee operation. All in the spring. Yet I managed to win five in a row. I'm pretty happy about it."

Sloan, meanwhile, was putting the lock on second place with no strain, so once Toomey's histrionics were completed the excitement was generated by the race for the third spot on the European tour. And what a battle it was. The three contestants entered the meet with seasonal and lifetime bests within 51 points--7601 for Warkentin, 7551 for Bennett and 7550 for Bannister. They came down to the climactical 1500-meters just 92 points apart. Warkentin, the slowest at 1500, led with 6774. New Hampshire's Bannister, the second fastest (and slowest), was in the middle with 6707. And Bennett, the best metric-miler, had 6682. Warkentin could win if he could stay within nine seconds of Bannister and within 13 of Bennett. Bannister had to finish closer than four seconds to Bennett.

Bennett, who ran cross country along with vaulting and intermediate hurdling for Oklahoma Christian, shot into the lead. Bannister hung close for awhile, then drifted back. By the end of 2 $\frac{1}{2}$ laps the margin was exactly four seconds, and there it stayed. Warkentin, a 4:30 runner from Fresno State, paced himself well and at the gun was only eight seconds behind Bennett. Throughout the last lap the Bennett-Bannister margin held even while Warkentin gradually dropped back. The two Jeffs kicked hard down the home stretch with the much bigger Bannister closing marginally while Warkentin was unable to muster much of a drive. At the end it was Bennett in 4:14.6, Bannister 4:17.7 and Warkentin 4:27.8 and the final point count couldn't have been much tighter.

George Pannel of Westmont was sixth with 6831 while seventh was Steve Gough of Seattle Pacific, a 21-year-old jumper essaying his first decathlon. At 6'2 $\frac{1}{2}$ " and 196 and scoring 6755 in a maiden effort which included his first-ever vault clearance (he got up to 9'7 $\frac{1}{2}$ "), Gough should be international caliber in a year or two.

For reasons only to be guessed at, scores were down uniformly. None of the top 11 going into the meet improved on his seasonal best, and only two of 15 who had prior scores in 1969 improved at all--and they only by 19 and 63 points. Russ Hodge, still not recovered from a groin pull, spectated; Norm Johnston, expecting to improve on his season opening 7438, dropped out after the first day, protecting a hamstring pulled a week earlier in the first track injury of a 13-year career; Rory Kenward, the 7299 freshman from Colorado, wasn't interested enough to compete; and veteran Dave Thoreson has gone on to other, perhaps less exotic, pastimes.

| | | | | | | | | | | | |
|-----------------------------|-------|----------------------------------|-----------------------|-----------------------------|--------|------------------------------|-------|-----------------------------------|-------|------------------------------|-------|
| 1. Bill Toomey | 10.6 | 23'11 $\frac{3}{4}$ " | 45'10 $\frac{3}{4}$ " | 6'4 $\frac{3}{4}$ " | 48.2 | 4217 | | | | | |
| Striders | 14.8 | 144'10 $\frac{1}{2}$ " | 13'1 $\frac{1}{2}$ " | 200'3 $\frac{1}{2}$ " | 5:04.4 | 7818 | | | | | |
| 2. Rick Sloan | 11.4 | 21'4 $\frac{1}{4}$ " | 41'8 $\frac{3}{4}$ " | 6'8 $\frac{3}{8}$ " | 50.5 | 3749 | | | | | |
| Striders | 15.5 | 144'4" | 15'4 $\frac{1}{2}$ " | 177'3 $\frac{1}{2}$ " | 4:45.0 | 7465 | | | | | |
| 3. Jeff Bannister | 11.4 | 20'11 $\frac{1}{4}$ " | 43'2 $\frac{1}{2}$ " | 5'10 $\frac{7}{8}$ " | 48.8 | 3614 | | | | | |
| New Hampshire | 14.5 | 134'1" | 12'7 $\frac{1}{2}$ " | 185'11 $\frac{1}{2}$ " | 4:17.7 | 7383 | | | | | |
| 4. Jeff Bennett | 11.2 | 22'1 $\frac{1}{2}$ " | 35'8 $\frac{1}{4}$ " | 5'10 $\frac{7}{8}$ " | 47.9 | 3628 | | | | | |
| Oklahoma Christian | 15.4 | 113'1 $\frac{1}{2}$ " | 15'8 $\frac{1}{2}$ " | 174'3 $\frac{1}{2}$ " | 4:14.6 | 7381 | | | | | |
| 5. John Warkentin | 11.4 | 21'7" | 42'6 $\frac{3}{4}$ " | 5'10 $\frac{7}{8}$ " | 49.0 | 3637 | | | | | |
| Fresno State | 14.7 | 140'10" | 12'4" | 199'4" | 4:27.8 | 7378 | | | | | |
| 6. George Pannel (Westmont) | 6831; | 7. Steve Gough (Seattle Pacific) | 6755; | 8. John Kelly (Alb Jaycees) | 6640; | 9. Mark Long (Long Beach St) | 6508; | 10. David Aungier (Gardentown TC) | 6454; | 11. Bob Hutchins (Graceland) | 6425. |

World Highlights

Kinnunen Returns Jav Mark To Finland

Tampere, Finland, June 18 (by Roberto Quercetani)--The world's javelin record returned to Finland 13 years after Soini Nikkinen last secured it to Suomi. The man responsible for this exploit, which obviously received giant headlines in Finnish papers, was Jorma Kinnunen, 28, who threw the implement 92.70 (304'1 $\frac{1}{2}$ "). The Finn, who had shown excellent form of late, had a second-best of 282'3 $\frac{1}{2}$ ". Oldtime friend Pauli Nevala, the 1964 Olympic champion, was for once outclassed, even though he reached 276'7". When the board flashed the numbers "92.70", the Tampere crowd sent out a roar, and Kinnunen wept. Tampere, by the way, is the birthplace of Matti Jarvinen, 1932 Olympic javelin champion.

US Highlights

Brian Oldfield and Tom Gage warmed up for the AAU meet by doing some mighty impressive throwing in small meets. Oldfield, competing in the pre-

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viously unreported Port Campbell (Ky) Invitational May 24, lengthened his career best in the shot to 64'6 $\frac{1}{4}$ ". His previous peak had been an indoor 63'0". Gage, now living in Baton Rouge, La., traveled to New York City for his second hammer competition of the year. He upped his seasonal best by some 17 feet to 219'8" at the June 14 meet.

Among other news tidbits was the return of former NCAA half-mile champion Peter Scott. After two years away from racing, Scott went 1:48.7. Frank Pflaging, a 36-year-old, recently lowered his six-mile PR for the second time this year, doing 29:13.4 in the latest one. Ron Laird (1:33:10.4), Tom Dooley (1:35:07.8) and Bob Kitchen (1:36:27.8) led the AAU 20-kilometer walk championship, qualifying for the summer's international meets. In Canada, Bob Finlay ran away from Dave Bailey over three-miles, 13:30.0 to 14:03.0, at the Central Ontario championships, June 21. Bill Heikkila got a 242'5" javelin toss at that meet in Ottawa.

Other 1969 bests (*=personal record): 120HH(no wind info), Handsome Wearing (Phila PC) 13.7*, 440H, David Wyatt (M Tenn St) 52.1*. LJ(nwi), Charley Mays (GSB) 25'7 $\frac{3}{8}$ ". SP, Carl Wallin (Ft Mac) 61'3 $\frac{1}{4}$ ". HT, Al Hall (unat) 205'4"; Augie Zilincar (Shore AC) 200'6"; Tom Miller (unat) 186'2"*; George Lyons (Manh) 181'6"*. JT, Bob Kirk (Navy) 244'7"*; Skip Krombolz (US Army) 241'10"*.

Prep Highlights

Of the several outstanding marks by preps in the past few weeks, the toppers came at the AAU meet where four recent high school graduates placed. However, one who didn't place, Gerald Tinker (Coral Gables, Fla), was the only prep to get a record. He tied the 220 mark of 20.6 in the AAU heats. Olympians Reynaldo Brown (Compton, Cal) and Casey Carrigan (Orting, Wash) both wound up third, Brown high jumping 7'0" and Carrigan vaulting 17'0". A brilliant finish brought Steve Prefontaine (Marshfield, Coos Bay, Ore) fourth place in the three-mile with 13:43.0, making him prep history's third fastest. Bob Pullard (Los Angeles, Cal) tied for fourth in the vault with a near-personal best of 16'6". Tinker's cousin Larry Black (Killian, Miami) was fifth in a 440 heat with his best of 46.7. Zack Gillon (Peekskill, NY) placed 10th in the triple jump with a legal 50'1". In the 880 heats, New York preps Brian McElroy (Massapequa) and Marcel Phillippe (Mater Christi, Long Island City) ran 1:50.8 and 1:51.6. McElroy had 1:52.8 and Phillippe 1:59.8 in the semis two hours later. Californians Chuck Smead (Santa Paula) and Fred Ritcherson (Salesian, LA) survived the six-mile heat and humidity well enough to run 30:22.4 and 30:51.6.

Late News

Willie Davenport's career-long quest was finally rewarded: the American Olympic high hurdles champion equaled the world record of 13.2 at an international meet in Zurich--fittingly on July 4, America's Independence Day. After two 13.2s which weren't considered for record approval, Davenport sped to his record equaler, hurdling into a head-wind. He left Eddy Otz far behind at 13.8.

A surprising European record came out of the same Zurich meeting when Swiss sprinter Philippe Clerc dashed a 20.3 200-meters, trimming a tenth off the continental mark held by several sprinters.

Another European best was established by East German shotputter Hans-Peter Gies, who threw 67'8 $\frac{1}{2}$ " in late June, supplanting teammate Heinz-Joachim Rothenburg's 67'2 $\frac{3}{4}$ " of earlier this year. Britain's Dick Taylor tallied another European mark, this one for six-miles (27:10.2) enroute to a 28:06.6 10,000 and a big win over Ron Clarke, 28:21.0. The quality race saw the first seven men get under 29-minutes for 10,000 as eighth-placer Derek Clayton ran that exact time.

The Znamenskiy Memorial, July 1-2, featured 55'1 $\frac{1}{4}$ " for Viktor Saneyev, Janis Lusis 289'11 $\frac{1}{2}$ ", Romuald Klim's 236'1" (four other throws over 231'10 $\frac{1}{2}$ ") and Igor Ter-Ovanesyan's 26'11 $\frac{1}{4}$ ". At Stockholm's invitational Games, July 2-3, Clarke again succumbed, this time over 5000-meters to Jurgen May's 13:33.0; Ron was eight-tenths behind. The next day, Aussie Kerry O'Brien stepled 8:31.0 to hold the world lead.

At the women's AAU championships, special men's events were won by John Carlos (9.5, 20.8), Byron Dyce (4:07.0), Reynaldo Brown (7'0") and Randy Matson (65'1 $\frac{1}{2}$ ").

Records Altered

These record alterations have been reported since last issue. W=world record; E=European; A=American; C=collegiate; JC=junior college; F=freshman; HS=high school; "=" equals record; "n=" non-winning time; "o=" recorded en route to longer distance.

| | | | | |
|--------|-----------------------|------------|--|------|
| 100 | 9.2n | F | Robert Taylor (Tex Sn/F)Houston, Tex | 5/30 |
| 100 | 9.2 | =F | Robert Taylor (Tex Sn/F)Houston, Tex | 6/14 |
| JT | 304'1 $\frac{1}{2}$ " | W, E | Jorma Kinnunen (Fin) Tampere, Fin | 6/18 |
| 120HH | 13.2 | =W, =A, =C | Erv Hall (Vill) Knoxville, Tenn | 6/19 |
| 440R | 38.8 | A | San Jose State Knoxville, Tenn | 6/20 |
| 440 | 45.5 | =F | Edesel Garrison (SCal F) Knoxville, Tenn | 6/20 |
| 440 | 44.7 | W, A, C | Curtis Mills (Tex A&M) Knoxville, Tenn | 6/21 |
| 440H | 49.6 | =A, =C | Ralph Mann (BYU) Knoxville, Tenn | 6/21 |
| 880 | 1:45.9 | C | Byron Dyce (NYU) Knoxville, Tenn | 6/21 |
| 1MileR | 3:03.4 | A, C | UCLA Knoxville, Tenn | 6/21 |
| 100 | 9.2 | JC | Doug Hawken (GIndle CC) Sacramento, Cal | 6/21 |
| 100 | 9.2n | JC | Eddie Hart (C Costa JC) Sacramento, Cal | 6/21 |
| PV | 17'10 $\frac{1}{4}$ " | W, A | John Pennel (Strid) Sacramento, Cal | 6/21 |
| 6Mile | 27:10.2 | oE | Dick Taylor (GB) London, Eng | 6/22 |
| SP | 67'8 $\frac{1}{2}$ " | E | Hans-Peter Gies (EG) Budapest, Hun | 6/28 |
| 220 | 20.6n | =HS | Gerald Tinker (Fla HS) Miami, Fla | 6/29 |
| 110mH | 13.2 | =W, =A | Willie Davenport (H Str) Zurich, Switz | 7/ 4 |
| 120yH | 13.2 | =W, =A | Willie Davenport (H Str) Zurich, Switz | 7/ 4 |
| 200m | 20.3 | E | Philippe Clerc (Switz) Zurich, Switz | 7/ 4 |

ATHLETICS FOR ATHLETES

by Jack Scott

Definitely a book that most coaches will try to prevent their athletes from reading.

Michael Spino, Athletic Director



ATHLETICS FOR ATHLETES, written by Jack Scott, athlete, coach and college teacher, is an exciting and unique contribution to track and field literature. A few of the many essays which make up this book are: *The Loneliness of the Long-Distance Runner*; *Problem Coaches: How to Help Them and Yourself at the Same Time*; and *Mexico City 1968*, an on the scenes report of the demonstrations at the 1968 Olympic Games. Mr. Scott is out-spoken in his

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(Continued from page 3)

NCAA Championships

100 YARD DASH

The combination of championship competition on a fast Tartan track, erratic starting, and eager timers, resulted in unusually fast times. Three heats were won in 9.3, with John Carlos eased up in the first. His San Jose teammate Kirk Clayton, injured all season, ran 9.3 in the third after Ronnie Ray Smith, also of San Jose, ran 9.4. Lennox Miller of Southern California, in no hurry, clocked 9.4 in the fourth, then Mickey Mathews of Kansas ran another 9.3 and said, "I put out about 80 percent effort today to qualify." Fred Kuller of Southern California barely missed qualifying.

Carlos won the first semi-final in 9.1 with a 6.0 mph wind and Lennox Miller gained on him after another poor start. Miller finished little over a foot behind but was given a time of 9.3, same as sixth-place Willie Turner. Reggie Robinson of UCLA edged past tall Rockie Woods of Texas A&M at the finish line, but he was placed fifth by negligent officials who were not examining all the Bulova photos.

Robinson was called down out of the stands to run only 10 minutes before the final. He did not want to run, but he was threatened with elimination from the 220 and relay. He ran without proper warmup and injured his leg. He placed only sixth and could not run in either the 220 or relay, thus ending UCLA's chance for the team title.

In the final, Carlos started well. Mel Gray of Missouri, who was given 9.1 in his semi with a 6.7 mph wind, stumbled and was never a contender. Miller continued his slow starting, and that was the race. Carlos won by a yard in 9.2 with a wind of 2.69 mph. Miller barely caught Ronnie Ray Smith but was given 9.2 while Smith's time was 9.3.

Gray and Clayton were neck and neck in 9.3, close behind, but Clayton was disqualified for running out of his lane.

Carlos said, "I was disappointed in the time today."

An unusual number of false starts marred the competition--at least one in almost every race. The 9.1 for Carlos was slower than 9.4 on the Bulova. (Cordner Nelson)

RESULTS (6/20, 2.68mph wind): 1. John Carlos (San Jose St) 9.2; 2. Lennox Miller (Sn Cal) 9.2; 3. Ronnie Ray Smith (San Jose St) 9.3; 4. Mel Gray (Mo) 9.3; 5. Bill Hurd (N Dame) 9.4; 6. Reggie Robinson (UCLA) 9.4; 7. Larry Highbaugh (Ind) 9.5; Kirk Clayton (San Jose St) disqualified.

HEATS (6/19, three qualify): I(into 1.5mph wind)-1. Carlos 9.3; 2. Hurd 9.4; 3. Willie Turner (Ore St) 9.5 (9.6); 4. Jerry Bright (Ariz St) 9.6 (9.7). II(into 7.3mph wind)-1. R.R. Smith 9.4; 2. Earl Harris (Okla St) 9.7; 3. Randy Montgomery (Weber St) 9.7. III(into 7.1mph wind)-1. Clayton 9.3; 2. Gray 9.4; 3. Rich Coulter (Sn Cal) 9.4 (9.5); 4. Herb Washington (Mich St) 9.6 (9.7). IV(into 6.0mph wind)-1. Miller 9.4; 2. Rockie Woods (Tex A&M) 9.6; 3. Highbaugh 9.6. V(into 0.89mph wind)-1. Mickey Mathews (Kans) 9.3; 2. Robinson 9.3 (9.4); 3. Tom Randolph (Wn Mich) 9.4 (9.5); 4. Fred Kuller (Sn Cal) 9.4 (9.5); 5. Roy Robinson (Mont) 9.5 (9.6).

SEMIS (6/20, four qualify): I(6.04mph wind)-1. Carlos 9.1; 2. Miller 9.3; 3. R.R. Smith 9.3; 4. Robinson 9.3; 5. Woods 9.3; 6. Turner 9.3; 7. Randolph 9.6. II(6.72mph)-1. Gray 9.1; 2. Clayton 9.3; 3. Hurd 9.3; 4. Highbaugh 9.4; 5. Mathews 9.4; 6. Harris 9.4; 7. Coulter 9.5; 8. Montgomery 9.5.

220 YARD DASH

Chief casualties in the heats were Fred Kuller (21.1), Jerry Bright (21.1), and Tommie Smith's little brother, Ernie (21.1). In the first semi-final, Lennox Miller was injured and stopped early, and Ben Vaughn of Georgia Tech ran only 21.3. Ronnie Ray Smith worried San Jose when his 21.3 failed as he misjudged the finish in the second semi.

In the final, held an hour after the semis, Wayne Collett of UCLA had to run in the unfair curb lane with the ninth lane vacant. John Carlos, in lane seven, was off exceptionally well and ran away with the race. He said, "I ran to the best of my ability under the conditions. But I think a 20.2 is good under any conditions. I didn't let up today."

The next six runners were all given 20.9, although it was not that close. Bill Hurd of Notre Dame was second to Carlos into the stretch, but Tom Randolph of Western Michigan passed him for second. Collett finished powerfully for fourth. Only Willie Turner, wearing a Puma on one foot and an adidas on the other, was out of contention.

Carlos' 20.2 equals the meet record. It was the 23rd time a man has won both sprints in the NCAA meet. (Cordner Nelson)

RESULTS (6/21, into 2.24mph wind): 1. John Carlos (San Jose St) 20.2 =MR; 2. Tom Randolph (Wn Mich) 20.9; 3. Bill Hurd (N Dame) 20.9; 4. Wayne Collett (UCLA) 20.9; 5. Mel Gray (Mo) 20.9; 6. Larry Scheurer (Wash St) 20.9; 7. Orin Richburg (Kent St) 20.9; 8. Willie Turner (Ore St) 21.7.

HEATS (6/19, three qualify): I(into 3.58mph wind)-1. Carlos 20.4; 2. Scheurer 20.8 (21.0); 3. Richburg 21.0 (21.1); 4. Clifton Forbes (Nebr) 21.1. II(into 4.7mph wind)-1. Ben Vaughn (Ga Tech) 20.9; 2. Julio Meade (Kans) 21.1 (21.2); 3. Roger Colglazier (ACC/F) 21.3 (21.4). III(into 4.48mph wind)-1. Larry Highbaugh (Ind) 20.8; 2. Ronnie Ray Smith (San Jose St) 20.9; 3. Lennox Miller (Sn Cal) 20.9; 4. Ernie Smith (Ore St) 21.1 (20.9). IV(into 4.25mph wind)-1. Reggie Robinson (UCLA) 20.7; 2. Turner 20.8 (20.9); 3. Randolph 20.8 (20.9); 4. Fred Kuller (Sn Cal) 21.1 (20.9). V(0.0 wind)-1. Hurd 20.7; 2. Gray 20.9; 3. Collett 21.0; 4. Jerry Bright (Ariz St) 21.1 (21.0); 5. Ronnie Allen (Baylor) 21.4 (21.5).

SEMIS (6/21, four qualify): I(into 0.89mph wind)-1. Carlos 20.7; 2. Collett 21.0; 3. Gray 21.0; 4. Scheurer 21.0; 5. Vaughn 21.3; 6. Highbaugh 21.4; Miller dnf. II(0.0 wind)-1. Hurd 20.9; 2. Turner 21.0; 3. Randolph 21.0; 4. Richburg 21.2; 5. R.R. Smith 21.3.

440 YARD DASH

"It was a helluva run." That's how journalism major Curtis Mills, an

aspiring sportswriter, says he would have written the lead to a story about his world record quarter-mile race here. And indeed it was. For it only amounted to the most shocking performance of the 1969 track season.

Olympic champion Lee Evans came to Knoxville psyched for the race. "I'm here to break the world record," he had announced. "But Mills was keyed to win, and he told some people so. "There's no pressure on me. I still haven't seen my name in any papers. I'm in better position than Lee Evans and Larry James. You wait and see. My name will be in the headlines."

The 6'3" Texas A&M sophomore came to the meet unbeaten with a best of 45.9. He improved his time in the heat to 45.7 as he picked off Olympic silver medalist Larry James with a powerful homestraight surge. The Villanovan held off Michigan State's Bill Wehrwein by a tenth in 45.8. Evans came on strong coming off the final curve in his heat with a seasonal best of 45.4 to edge Southern Cal's Edesel Garrison whose 45.5 duplicated the frosh record. Seven athletes from the smallish field of 18 recorded PRs in the heats. Idaho State's Larry Lewis ran a non-qualifying 46.0.

Even though Wayne Collett (220), Gary Womble, Dave Morton (relay) and none of Rice's runners competed, the final stacked up as the best in collegiate history as the athletes lined up this way: Garrison, Len Van Hofwegen, Evans, James, Turner, Mills, Wehrwein and Al Coffee. The race was delayed for the benefit of TV, then to avoid the cheering for Bob Seagren's 16'8" and finally a false start.

James, who wouldn't have qualified for the final if there had been three rounds since his plane was late, charged away from the blocks as if to burn off late-finishing Evans. By the top of the first curve, he had already made up the stagger on Turner. He held a three yard advantage at the furlong reached in 21.0, four-tenths ahead of Evans in fifth and seven-tenths ahead of Mills in virtual last.

By the top of the last turn, Al Coffee had caught James and Evans moved even with both 10 yards into the homestretch. As both challengers paid for their early madness and faded, Evans looked a sure thing to keep his one-lap record clean for the year. But then Mills, with the same instant speed Evans had used to discourage James, moved past Evans perhaps faster the San Jose Stater has had the misfortune of witnessing in the past four years.

And Evans could not respond to Mills' challenge. He had keyed himself too closely to beating James and watching out for Garrison. He had never even met Mills, but then most of the track world had never heard of Curtis.

Mills' 44.7 clipped a tenth off the world record set by Tommie Smith in 1966. Evans, the world standard bearer at 400-meters at 43.8, finished .39 seconds back, according to the Bulova phototimer, for a 45.1 PR rather than the 45.2 assigned by the officials.

James faded to fifth in 45.8 as Wehrwein and Garrison slipped past with 45.7 clockings.

Evans said, "About the first thing I thought after the race was that I'd get my picture in Track & Field News losing again." (Dick Drake)

RESULTS (6/21): 1. Curtis Mills (Tex A&M) 44.7 WR, AR, CR, MR; 2. Lee Evans (San Jose St) 45.1 (45.2); 3. Bill Wehrwein (Mich St) 45.7; 4. Edesel Garrison (Sn Cal) 45.7; 5. Larry James (Vill) 45.8; 6. Tommie Turner (Murray St) 45.8; 7. Al Coffee (LSU/F) 45.8; 8. Len Van Hofwegen (UCLA) 46.3.

HEATS (6/20, four qualify): I-1. Mills 45.7; 2. James 45.8; 3. Wehrwein 45.9; 4. Coffee 46.3; 5. Jay Elbel (UCSB) 46.4; 6. Hardee McAlhane (Tenn) 46.9. II-1. Evans 45.4; 2. Garrison 45.5 =FR; 3. Turner 45.5; 4. Van Hofwegen 45.8; 5. Larry Lewis (Idaho St) 46.0; 6. Chuck Benson (Sn Ill) 46.7; 7. Garth Case (Nebr/F) 46.8; 8. Chip Grandjean (Rice) 47.0.

The faces of CURTIS MILLS (left) and LEE EVANS (right) tell the whole story. There's satisfaction in Mills' tight grin and hopeless anger in Evans' glare as sophomore Mills finishes his world record 44.7 quarter at the NCAA. LARRY JAMES, LEN VAN HOFWEGEN and EDESEL GARRISON trail. (Jack Scott photo)





Although he can manage a faint grin, BYRON DYCE (409) had to run a collegiate record 1:45.9 half-mile to beat the fastest field in NCAA history, which included (l-r) ART SANDISON (2nd, 1:46.1), JURIS LUZINS (3rd, 1:46.4), DAVID MATINA (4th, 1:46.5), MARK WINZENRIED (5th, 1:46.6) and PAT COLLINS (8th, 1:48.4). The second through eighth placers all ran the fastest times in history for their respective places. (Photo by Jeff Johnson)

NCAA CHAMPIONSHIPS

880 YARD DASH

The half-mile was pure madness.

And it may have been most maddening to Nebraska's Dan Morran, who couldn't get beyond the first-round despite a personal record by 2.2 seconds of 1:47.8. He only placed fourth, and only three qualified out of the five-man heats to the semis. Through his third heat, it was the sixth fastest time in the US for 1969. The next fastest heat was merely won in 1:48.6.

It was Mark Winzenried's break-neck pace that caused the quick times as he came by the quarter in 51.4 and the 660 in an incredible 1:18.5. Although he has run 46.0 relay legs, the Wisconsin soph hasn't learned to follow and kick.

By contrast, Pat Collins was able to qualify for the final with a 1:50.9 after losing his shoe at the 330 marker as he fought back bravely, his right foot badly blistered, from fifth to a qualifying third. Defending champion Byron Dyce of NYU won the first heat in 1:48.6. Most significant casualties of the heats included Dan Tague, Steve and Stan Bergeson, and Richard Joyce.

The seeding of the semis resulted in fairly equitable races. In the first, Winzenried was again leading by the 220 but was content to forge a slower pace of 25.9, 52.6 and 1:20.1. Harvard's Keith Colburn paid for the quick early pace as he followed Winzenried closely--after missing most of three week's training--and faded to seventh as Texas' David Matina and William & Mary's Juris Luzins displayed big finish kicks. Northwestern's Ralph Schultz just did manage to hold off Oregon State's fast charging John Lilly, 1:48.3 to 1:48.4. In the second semi, Notre Dame's Joe Quigley led the pack through a saner 53.7 quarter before relinquishing the lead to Dyce with 250 to go. Washington State's Art Sandison moved with Dyce to qualify in second at 1:48.3, while Missouri's Craig Endicott and Oregon State's Pat Collins qualified in 1:48.7 each with big homestretch kicks. Relay specialists Ken Swenson of Kansas State, Quigley and Mike Mosley of Texas each failed to survive the semis.

The eight finalists rewarded the TV people who had delayed the race eight minutes with a false start. Impatient Winzenried had three yards on the field at the lane break pole a quarter lap after the start and rushed past the 220 in 24.6, carrying Sandison, Matina, Dyce, Luzins, Schultz, Endicott and Collins along. And they remained in that order, in a virtual straight line and equidistance apart, as Winzenried for his part went past the quarter in 50.9.

It was Dyce who made the first move, 10 yards into the backstretch, and once again Sandison followed. But Winzenried still led at the 660 post, in 1:18.2. At the top of the final curve, the first four, including Luzins, were all running well. Sandison charged around Dyce, who veered outward which permitted Luzins to sneak inside and up on the tiring Winzenried. It appeared briefly that Sandison might take it but Dyce, out in third lane, pushed ahead about 80 yards from the tape. Winzenried appeared to give up and let Luzins and Matina pass him.

The times were incredible. Every finalist recorded a personal record. Dyce, who lost only at the Compton Invitational this year, improved 1.3 seconds to 1:45.9 to smack two-tenths off the collegiate record and claim the third fastest yard effort ever. Sandison docked 1.7 off his pre-meet best for a 1:46.1 second. Luzins' effort for third was astonishing. His best achievement previously was a 1:49.5 PR at the Southern Conference meet, but here he improved to 1:48.6, 1:47.9 and finally 1:46.6 for third. Matina ran 1:46.5. Winzenried clocked 1:46.6. Only he and Dyce failed to improve more than once. Schultz went down to 1:47.3, Endicott to 1:47.4 and Collins, never in the race, to 1:48.4. All times for second through eighth represented best-ever non-winning marks for their respective places. (Dick Drake)

RESULTS (6/21): 1. Byron Dyce (NYU) 1:45.9 CR, MR; 2. Art Sandison (Wash St) 1:46.1; 3. Juris Luzins (Wm & Mary) 1:46.4; 4. David Matina (Texas) 1:46.5; 5. Mark Winzenried (Wisc) 1:46.6; 6. Ralph Schultz (NWN) 1:47.3; 7. Craig Endicott (Mo) 1:47.4; 8. Pat Collins (Ore St) 1:48.4.

HEATS (6/19, three qualify): I-1. Dyce 1:48.6; 2. Andy O'Reilly (Vill) 1:48.7; 3. John Lilly (Ore St) 1:48.9; 4. Neville Myton (San Jose St) 1:49.2; ... 6. Dan Tague (El Paso) 1:54.6; 7. Larry Kelly (Tenn) 1:56.3. II-1. Joe Quigley (N Dame) 1:48.2; 2. Schultz 1:48.5; 3. Keith Colburn (Harv) 1:48.6; 4. James Craig (Tenn) 1:49.3. III-1. Winzenried 1:47.3; 2. Sandison 1:47.5; 3. Ken Swenson (Kans St) 1:47.7; 4. Dan Morran (Nebr) 1:47.8. IV-1. Luzins

1:48.6; 2. Mike Mosley (Tex) 1:49.7; 3. Collins 1:50.9. V-1. Matina 1:50.0; 2. Endicott 1:50.3; 3. Roger Merchant (Mich St) 1:50.5.

SEMIS (6/20, four qualify): I-1. Winzenried 1:47.8; 2. Matina 1:47.9; 3. Luzins 1:47.9; 4. Schultz 1:48.3; 5. Lilly 1:48.4; 6. O'Reilly 1:50.2. II-1. Dyce 1:47.8; 2. Sandison 1:48.3; 3. Endicott 1:48.7; 4. Collins 1:48.7; 5. Swenson 1:48.7; 6. Quigley 1:49.2; 7. Mosley 1:49.4; 8. Merchant 1:49.8.

ONE MILE RUN

Everybody expected Jim Ryun to win as usual, for he had gone four seasons without a mile loss. Only 19-year-old Martin Liquori was given any chance, and Liquori himself did not expect to win. He had an intestinal virus six days before, and for two weeks he had cut his workouts by two-thirds because of a sprained ligament at the rear of his arch. He said, "I didn't think I would do any good."

Liquori's coach at Villanova, Jim Elliott, instructed Liquori to get ahead of Ryun before Ryun made his move and try to stay ahead, for it has been many years since anybody beat Ryun from behind.

With Ryun running near the rear, Liquori had to be ahead of him on the first lap. After Chuck LaBenz led the pack around in 60.5, Ryun moved up on the second lap, running outside two runners on the second turn. Behind LaBenz in 2:02.8 came Brian Kivlan of Manhattan, Liquori and Frank Murphy of Villanova, and Ryun.

Again Ryun ran wide, outside Murphy, and he followed Liquori around the second curve. Liquori moved faster, passing the 1320 in 3:03.5 with Ryun on his shoulder. Down the last backstretch, Liquori poured it on. "I expected him to pass me any minute. I kept waiting for him." But while he was waiting, Liquori was running with speed and grace, and Ryun was running hard to stay with him. Into the homestretch, with the field now 10 yards behind them, Ryun was on Liquori's shoulder and everybody expected him to win. He tried hard, but "that last 100-yards for me was rugged."

But Liquori maintained his beautiful drive, and with 30-yards to go Ryun dropped back. Immediately, Liquori reacted with a pleasure never seen while a race was still on. He grinned. He looked at the sky. He shouted for joy. He waved his fists. His last lap of 54.2 gave him victory in 3:57.7, a new meet record. Ryun slowed to a jog at the finish, 1.6 seconds behind, and only half a second ahead of Murphy. He said of Liquori, "He ran a fine race."

Ryun made no excuses for losing, although after his trial on Thursday, he had mentioned the humid heat and his reaction to a vaccination. His coach, Bob Timmons, thinks the problem of having to come back in the three-mile had something to do with it. Also, Ryun gave away 10- to 15-yards by running wide. At any rate, he is apparently not in the condition he was in two years ago when he could run the last lap at this pace in 52 seconds or faster.

Liquori said, "I just went into this race to warm up for the AAU meet. I had doubts about finishing. I figured whatever happens, happens." (Cordner Nelson)

RESULTS (6/21): 1. Marty Liquori (Vill) 3:57.7 MR; 2. Jim Ryun (Kans) 3:59.3; 3. Frank Murphy (Vill) 3:59.8; 4. Chuck LaBenz (Ariz St) 4:00.5; 5. Howell Michael (Wm & Mary) 4:01.4; 6. Bill Smart (Wash) 4:02.1; 7. Chris Mason (Vill) 4:02.8; 8. Dave Kerr (Ball St) 4:05.9; 9. Dickie Kleier (Tenn) 4:10.3; 10. Brian Kivlan (Manh) 4:11.0; 11. Dave Ganz (Mo) 4:11.1; 12. Elliott Evans (Drake) 4:16.0.

HEATS (6/19, four qualify): I-1. Murphy 4:02.6; 2. LaBenz 4:02.8; 3. Michael 4:03.4; 4. Ganz 4:04.4; 5. Tim Danielson (San Diego St) 4:05.1. II-1. Evans 4:02.8; 2. Kleier 4:03.7; 3. Liquori 4:04.1; 4. Smart 4:05.0; 5. Rod Hill (El Paso/F) 4:05.1; ... 10. Roscoe Divine (Ore) 4:15.3. III-1. Ryun 4:03.4; 2. Kivlan 4:04.0; 3. Mason 4:04.2; 4. Kerr 4:04.8; 5. Don Vandrey (Wisc) 4:05.8.

THREE MILE RUN

The weather was 84° and humid for the last individual race of the meet, and nobody was in a hurry. They reached the 880 in 2:16.6 and the mile in 4:33.6. At two-miles in 9:10.6, they were spread out, with Art Dulong of Holy Cross and Norm Trerise of Oregon leading. Blond Ole Oleson of Southern Cal was third, followed by Pete Morales of Baylor. Glenn Ogden of Missouri,



The NCAA long distance races all provided surprise winners. LEFT: After an up and down season, Southern Cal's OLE OLESON was up at Knoxville and claimed the three-mile in 13:42.0. RIGHT: There's nothing better than winning your first attempt ever at a distance. Just ask Yale's FRANK SHORTER. In his initial six-mile run, he captured the collegiate crown in 29:00.2. EXTREME RIGHT: Oregon State sophomore JIM BARKLEY overcame an outstanding field of steeplechasers with his 8:44.4 win, a career best by exactly 10 seconds. Oregon's STEVE SAVAGE (489), in his second steeple, nabbed second with 8:45.0. (Photos by Jeff Johnson)



NCAA CHAMPIONSHIPS

runner-up two years ago, was five-yards behind Morales and three-yards ahead of Frank Shorter, the six-mile champion. Art Coolidge of Kent State was eight yards further back. Jim Ryun had dropped out at 3 $\frac{3}{4}$ laps and IC4A champion Jerry Richey was never in contention.

On the ninth lap, Oleson moved to the lead while Shorter and Ogden joined the first division, 12-yards ahead of Coolidge. On the next lap, Morales gave up, and Dulong dropped 30-yards behind, barely ahead of Coolidge.

Oleson, an Igloi-trained runner with an erratic record, began a hard drive before the last lap started. At the gun, he led Trerise by three-yards with Shorter and Ogden 20-yards further back. Coolidge was 60-yards behind Ogden and 30-yards ahead of the fading Dulong.

Into the last curve, Oleson was 20-yards ahead of Trerise and 40 ahead of Shorter. He began a pull away from Trerise, but Shorter started a long drive to pass Trerise. Oleson was staggering before he reached the tape. He slowed drastically and Shorter closed to less than 10-yards.

Shorter said, "I waited too long to turn it on. I didn't have anything the first part of the race and I felt lucky that it was a slow pace. While I was watching Oleson, I also worried about those in back. But when they didn't pull up and I had the kick at the end, I didn't worry." He added, "I'm a bit mad at myself for not trying harder." (Cordner Nelson)

RESULTS (6/21): 1. Ole Oleson (Sn Cal) 13:42.0; 2. Frank Shorter (Yale) 13:43.4; 3. Norm Trerise (Oregon) 13:46.4; 4. Glenn Ogden (Mo) 13:52.6; 5. Art Coolidge (Kent St) 13:59.0; 6. Art Dulong (H Cross) 14:03.6; 7. Bob Waldon (Cal) 14:13.2; 8. Sid Sink (B Green St) 14:27.2; 9. Carl Hatfield (W Va) 14:34.6; 10. Tim McLoone (Harv) 14:39.6; 11. Mike Lyons (Ore) 14:49.0; 12. Dave Cords (Fresno St) 14:49.4; 13. Jim Johnson (Wash F) 14:49.4; 14. Charlie Shrader (Md) 15:24.6; dnf, Bill Brown (Tulane/F), Dick Buerkle (Vill), Len Hilton (Hous), Ken Misner (Fla St), Pete Morales (Baylor), Jerry Richey (Pitt), Jim Ryun (Kans).

SIX MILE RUN

A wide-open race, run in humid 86° weather, resulted in a slow, one-sided victory for a man who had never competed in the event before.

Most of the 24 starters stayed in a tight group for 11 laps at a slow 4:43.6, 9:34.6 pace. Then, 1964 Olympian Oscar Moore, now 31 years old, broke the race wide open with three-laps at a 70-second pace. At three-miles in 14:28.0, he led by 20-yards. At 15 laps, after a 64.1 lap, he led by 30-yards. Then, his lack of conditioning due to a painful tendon operation began to hit him and he faded.

Frank Shorter, a pre-med senior at Yale, had run a 29-minute time-trial two weeks earlier and he ran the same pace today. He trailed Moore by 12-yards at the four-mile mark in 19:18.2, then pulled away. He said, "With three laps to go, I was real tired and just hoping to finish." He increased his pace slightly and won by almost 150-yards in 29:00.2.

Rick Riley, Washington State junior, was near the front all the way, but he let Shorter run away. He ran with Kent State senior Art Coolidge until the last lap, then ran a 63.5 lap for second place.

Grant Colehour of Eastern Kentucky ran 10- or 15-yards behind Riley and Coolidge for the last three-miles. His 64-second last lap beat Coolidge by many yards although the official time showed him only four-tenths ahead.

Moore came back from 50-yards behind Donal Walsh with two laps to go and beat Walsh for fifth place by 20-yards. Walsh collapsed, and an hour later he was taken to a hospital, suffering from dehydration.

Oregon's John Woodward was with Colehour and Walsh at 18 laps. A runner passed him and slowed too suddenly. Woodward bumped him and fell, knocking himself out of the race. (Cordner Nelson)

RESULTS (6/19): 1. Frank Shorter (Yale) 29:00.2; 2. Rick Riley (Wash St) 29:23.2; 3. Grant Colehour (En Ky) 29:25.0; 4. Art Coolidge (Kent St) 29:25.4; 5. Oscar Moore (Sn Ill) 29:50.4; 6. Donal Walsh (Vill F) 29:54.8; 7. John Collet (DePaul) 30:10.6; 8. Hector Ortiz (Wn Ky) 30:20.4; 9. Bob Waldon (Cal) 30:39.0; 10. Paul Talkington (B Green St) 30:41.8; 11. Ed Stenberg (Duke) 30:43.4; 12. Dave Wright (Vill F) 30:48.0; 13. Rich Elliott (Kans/F) 30:48.8; 14. Mike Graves (Duke) nt; 15. Bob Bertelsen (Ohio U) 31:40.0; 16. Bob Deines (Oxy) 31:41.0; 17. Jack Hill (Clemson) 32:56.4; dnf, Taylor Aultman (Tulane), Roger Friend (San Diego St), Carl Hatfield (W Va), Joe Painter (Va Tech), Eric Sigmont (Hous), Ron Wayne (Mass), John Woodward (Ore).

3000 METER STEEPLECHASE

With defending champion Kerry Pearce not at his best, this figured to be anybody's race, and a wilder scramble has seldom been seen. College steeplechasers have never showed so much depth, but it was a question of who would run well in the championship.

One of a dozen potential winners, Larry Almborg of Washington State, led 20 runners around the first lap in 62.5. Don Leedy of Ohio U. led after two laps in 2:11.3. San Jose's Darold Dent was the third-lap leader in 3:20.8. He also led at four laps in a very fast 4:31.6. Pearce was 10-yards behind Dent, and Ron Pettigrew, Pepperdine's 8:51.6 man, was another 10-yards back.

Then the pace slowed to 75 seconds. Dent still led, by 12-yards, but Pettigrew had moved to second ahead of Pearce. Another eight yards behind was Jim Barkley, an Oregon State sophomore who overstrides awkwardly but makes up for it with determination. Half a lap later, with two laps to go, the order was unchanged, with Tom Donnelly of Villanova and Gary Tuttle of Humboldt close behind Barkley. Steve Savage of Oregon and Sid Sink of Bowling Green were closing the gap, ahead of USTFF champ Ken Silvious of Eastern Kentucky.

Now it was Pettigrew's turn to look superior. As Dent paid the price of his ambitious pace and dropped behind, Pettigrew moved to a 10-yard lead at six laps in 7:01.2. Behind him were Pearce, Barkley and Donnelly. In the next half-lap, around the turn to the gun, Barkley caught Pettigrew and Savage came from five yards behind Donnelly to catch up with Pearce. Down the backstretch, Barkley pulled away from Pettigrew while Pearce faded.

Savage, the highly-regarded sophomore, passed Pettigrew with half a lap to go and set out after Barkley with Donnelly close behind. Over the water jump, Barkley gained a yard, but into the homestretch he looked like a sitting duck as the other two began to drive. Barkley recognized his danger and mustered a painful sprint. The others narrowed the gap but he held on to beat Savage by four yards in 8:44.4, second-fastest ever run in an NCAA meet. Sink, far back in eighth place with 660-yards to go, closed powerfully for fourth, ahead of the fading Pearce, Pettigrew and Dent. (Cordner Nelson)

RESULTS (6/20): 1. Jim Barkley (Ore St) 8:44.4; 2. Steve Savage (Ore) 8:45.0; 3. Tom Donnelly (Vill) 8:45.6; 4. Sid Sink (B Green St) 8:48.2; 5. Ron Pettigrew (Pepperdine) 8:49.8; 6. Kerry Pearce (El Paso) 8:54.0; 7. Darold Dent (San Jose St) 9:00.8; 8. Mark Gibbens (Ind) 9:02.0; 9. Jerry Liebenberg (Wn Mich) 9:05.0; 10. Gary Tuttle (Humboldt St) 9:05.8; 11. Ken Silvious (En Ky) 9:06.8; 12. Ken Breen (El Paso/F) 9:07.4; also finished--Rollie Kitt (Ia), Charles Lang (Mass), Don Leedy (Ohio U), Tom Morrow (Ore), Steve Nelson (Tenn), Ken Snowden (Miami/O), Brook Thomas (Stanford), Ben Wilson (MIT), John Woodward (Ore); dnf, Larry Almborg (Wash St), Fred Lands (Wisc).



NCAA CHAMPIONSHIPS 120 YARD HIGH HURDLES

Like the 100-yard dash, times in the high hurdles were incredibly fast. In the very first heat, Olympic silver medalist Erv Hall of Villanova, not at his best because of an injury two weeks earlier, tied the world record of 13.2 against a wind of 1.568 mph. Veteran timers in the stands clocked Hall in 13.5, the Bulova phototimer read 13.67, and Hall said, "I didn't feel I was in that good shape. I thought it felt more like 13.4."

Hall ran 13.3 in the first semi-final. Richmond Flowers, most popular man in the meet to partisan, football-minded fans, was so close he was cheered as the winner but he was given only 13.5. In the second semi, Jeff Howser of Duke was disqualified for two false starts.

After one false start, the final saw George Byers of Kansas off his blocks with a great start, while Hall led all the others. Hall pulled away to win handily in 13.3 with no wind.

Flowers, in his last race at home, "came out bad at the start." He had second place until he clobbered the eighth hurdle and his freshman teammate Bill High inched past in 13.5. Byers held on for fourth place, while the two poor starters, Tom Hill and Larry McCready, passed George Carty and Herm Franklin. High said, "It was great to get second place. I was just hoping to place in the top six."

Hall said, "I pushed as hard as I could. There is nothing sure when you run against Richmond."

Flowers said, "Erv's a great athlete and a great person."

Hall said, "Richmond is a good competitor. We respect each other."

(Cordner Nelson)

RESULTS (6/20, 0.0mph wind): 1. Erv Hall (Vill) 13.3; 2. Bill High (Tenn/F) 13.5; 3. Richmond Flowers (Tenn) 13.5; 4. George Byers (Kans) 13.6; 5. Thomas Hill (Ark St U) 13.7; 6. Larry McCready (Nn Ia) 13.7; 7. George Carty (San Jose St) 13.7; 8. Herm Franklin (Sn Cal) 13.8.

HEATS (6/19, four qualify): I(into 1.56mph wind)-1. Hall 13.2 =WR, =AR, =CR, MR; 2. Larry Midlam (Mich) 13.6 (13.7); 3. McCready 13.6 (13.7); 4. Byers 13.9... 7. Jerry Proctor (Redlands) 14.4. II(into 2.68mph wind)-1. Carty 13.7; 2. Flowers 13.7; 3. Jeff Howser (Duke) 13.8 (13.7); 4. Roosevelt Williams (NM) 14.3. III(into 1.34mph wind)-1. Franklin 13.6; 2. Ron Jessie (Kans) 13.8; 3. Paul Gibson (El Paso) 13.9 (13.8); 4. John Morriss (Hous-ton) 13.9. IV(into 0.44mph wind)-1. Hill 13.8; 2. High 14.1 (14.0); 3. Tom Bonin (BYU) 14.1 (14.0); 4. Jim Bolding (Okla St/F) 14.2; 5. Rick Tipton (Stan-ford) 14.3.

SEMIS (6/20, four qualify): I(into 2.91mph wind)-1. Hall 13.3; 2. Flowers 13.5; 3. Hill 13.6; 4. McCready 13.8; 5. Jessie 13.8; 6. Bonin 14.1. II(into 2.46mph wind)-1. High 13.5; 2. Franklin 13.5 (13.8); 3. Carty 13.6 (13.8); 4. Byers 13.6 (13.9); 5. Midlam 13.6 (13.9); 6. Gibson 13.7 (13.9); 7. Williams 13.9 (14.0); Howser disqualified.

440 YARD INTERMEDIATE HURDLES

In the heats, Bob Bornkessel took 14 strides between hurdles for an easy 51.1, Mike Kelly flashed around the hurdles in 50.2, and Larry Walls of San Jose was disqualified for trailing his leg alongside the second hurdle. The semi-finals eliminated only four men, including Herm Franklin of Southern Cal.

In the final, Bornkessel started too fast. He led until Ralph Mann of BYU and Olympian Boyd Gittins of Washington State caught him at the seventh hurdle. Mann cut down to 15 strides and took the lead. Lanky Wes Williams of San Diego State and Kelly passed Bornkessel. Mann was breaking the race wide open until Williams began his powerful, long-striding finish. Williams cut down Mann's lead, but Mann held on to win in 49.6, equaling Rex Cawley's American, collegiate and meet records. Williams ran 49.7.

Carl Wood, 6'4", 200-lb. sophomore from Richmond, finished powerfully to place third in 50.0. The first three all sliced their personal bests. Kelly ran 50.3 in the slow curb lane, but he was disqualified for trailing his foot alongside a hurdle. Gittins, not in shape after a hard-luck season, ran 51.1, his fastest time of the year.

Mann said, "The last three days have been pure hell. I have had but-terflies 24 hours a day. I felt I could win but it was still competition, and I have to look forward to two more years of this. I have lost 6-lbs. in three days. The track was so fast I had trouble changing from 13 to 15 steps."

(Cordner Nelson)

RESULTS (6/21): 1. Ralph Mann (BYU) 49.6 =AR, =CR, =MR; 2. Wes Williams (San Diego St) 49.7; 3. Carl Wood (Richmond) 50.0; 4. Jim Wharton (Idaho St) 51.0; 5. Boyd Gittins (Wash St) 51.1; 6. John Hanley (Rutgers) 51.1; 7. Bob Bornkessel (Kans/F) 51.1; Mike Kelly (Fla St) 50.3, disqualified.

HEATS (6/19, four qualify): I-1. Mann 51.0; 2. Wharton 51.2 (51.3); 3. Hanley 51.5 (51.6); 4. Ralph Baker (C Mich) 51.8 (51.9); 5. Randy White (Stanford) 52.1 (51.9); Larry Walls (San Jose St) 50.7, disqualified. II-1. Born-kessel 51.1; 2. Wood 51.4 (51.3); 3. Dick Bruggeman (Ohio St) 51.9 (51.6); 4. Pat Murphy (Wisc) 52.1 (51.9). III-1. Kelly 50.2; 2. Williams 51.3 (51.4); 3. Gittins 51.5 (51.6); 4. Herm Franklin (Sn Cal) 52.0.

SEMIS (6/20, four qualify): I-1. Wood 50.8; 2. Kelly 51.2; 3. Wharton 51.3; 4. Gittins 51.6; 5. Bruggeman 52.6; 6. Franklin 53.0. II-1. Williams 51.1; 2. Mann 51.4; 3. Bornkessel 51.7; 4. Hanley 51.8; 5. Murphy 51.9.

HIGH JUMP

Of the 15 men who cleared 6'10" to qualify, only three jumped at 6'6" on Saturday. Two of them--Bruce Olson of Army and Karl Kremser of Tennessee--missed once. With rain falling, seven men failed at 6'8", including one of the favorites, Lorenzo Allen of Arizona.

For awhile the event appeared doomed to mediocrity. Only Olympic champion Dick Fosbury of Oregon State and Tim Heikkila of Minnesota cleared 6'10" in the first round. Then the rain stopped and five others cleared.

At 6'11", Fosbury and Ron Jourdan of Florida passed, while three men missed. Heikkila won the sixth place because of his first round clearance at 6'10".

Only man to clear 7-feet on his first attempt was Washington State's Jim Voss, and he jumped around and ran for joy, for it was his first 7-footer. Ray McGill, tall Kansas Stater, missed three times and placed fifth.

At 7'1", all four missed their first attempts. Fosbury flopped over on his second, followed by Chris Celion of BYU. Ron Jourdan belly-rolled over on his third attempt, but Voss went out.

At 7'2½", all three missed their first two attempts. Fosbury, who had it won unless somebody else cleared, took no chances. He went over the bar, landed on his back, and bounced out of the pit. In his joy over his best jump of the year and a new meet record, he knocked down the height sign. The other two missed, with Celion second, and Fosbury missed twice at 7'4" before stopping. (Cordner Nelson)

RESULTS (6/21, 15 qualifiers cleared 6'10" on 6/19): 1. Dick Fosbury (Ore St) 7'2½" MR; 2. Chris Celion (BYU) 7'1"; 3. Ron Jourdan (Fla) 7'1"; 4. Jim Voss (Wash St) 7'0"; 5. Ray McGill (Kans St) 6'11"; 6. Tim Heikkila (Minn) 6'10"; 7. Stan Curry (Baylor) 6'10"; 8. Steve Kelly (Ore St) 6'8"; 9. Lonnie Hance (Tenn) 6'6"; 10. Bruce Olson (Army) 6'6"; 11. Karl Kremser (Tenn) 6'6"; no height, Lorenzo Allen (Ariz/F), Darnell Hillman (San Jose St), Clarence Johnson (Cal), Brad Richardson (Ill). Leading non-qualifiers: Peter Boyce (Stanford), Gary Hauptert (Ind), John Radetich (Ore St), Barry Shepard (Ariz St), all 6'8"; John Wedel (Ariz) 6'6".

POLE VAULT

All other vaulters finished vaulting before Jon Vaughn and Bob Seagren began.

Bud Williamson of Maryland defeated the others with his first-round clearance of 16'0". He had missed twice before clearing 15'6". Erkki Mustakari, Finland's 17'4" man at Fresno State, and Paul Heglar, Texas at El Paso, both passed 15'6" and cleared 16'0" on their second attempts to tie for fourth. The only other 16-footer was Michigan freshman Larry Wolfe, who lost a tie for fourth by clearing 15'6" on his first attempt. Robert Sprung of Tennessee passed 16'0" and missed three times at 16'4".

With the bar at 16'8", defending champion Jon Vaughn cleared on his first attempt while world record holder Bob Seagren missed. Seagren won at 17-feet when Vaughn went out.

After setting a meet record of 17'7", Seagren had the bar raised to 18'0". His third vault at that height was probably the best ever in competition. He cleared the bar and felt the instant elation of reaching his goal. "I was starting to clap my hands. I thought I'd made it." But his left hand struck the cross-



JERRY PROCTOR's long jumping at the NCAA was his best since his prep days as he claimed the collegiate title with a windy 26'11 $\frac{3}{4}$ ". (Photo by Jeff Johnson)



Although yielding his NCAA long jump crown to Proctor, PERTTI POUSI claimed the 1969 triple jump crown with 52'1 $\frac{1}{2}$ ". (Photo by Jeff Johnson)

NCAA CHAMPIONSHIPS

bar and it tumbled off. Disgusted with his carelessness, he shoved the crossbar away and struck the air with his fist. (Cordner Nelson)

RESULTS (6/21, Seagren, Sprung & Vaughn cleared 16'0", other qualifiers 15'6" on 6/19): 1. Bob Seagren (Sn Cal) 17'7" MR; 2. Jon Vaughn (UCLA) 16'8"; 3. Bud Williamson (Md) 16'0"; 4. (tie) Paul Heglar (El Paso) & Erkki Mustakari (Fres St) 16'0"; 6. Larry Wolfe (Mich F) 16'0"; 7. (tie) Don Albritton (NE Mo St) & Doug Lambert (Wn Mich) 15'6"; 9. (tie) Jan Johnson (Kans/F) & Andy Steben (Oxy) 15'6"; no height, Dick Rambo (Ariz St), Les Smith (Miami/O), Robert Sprung (Tenn), Richard Wilson (No Car). Leading non-qualifiers: Sam Caruthers nh, Larry Curtis (Okla St) nh.

LONG JUMP

Jerry Proctor, rumored to be contemplating quitting track about the time one of his parents died in early May, produced his biggest effort and achievement since he picked up the AAU title as a high schooler in 1967. His 26'11 $\frac{3}{4}$ " winning effort was wind-aided, but at 6.7 mph it was boosted less than any of the other placers on their best jumps. Winds ranged up to 13.2 mph, and only two jumps were legal wind-wise.

Kansas' Ron Jessie missed qualifying by $\frac{3}{4}$ "; the only other notable absentee from the finals was BYU's consistent 25-footer, Kari Palmen.

Proctor led the finals from the outset, connecting on a 26'9 $\frac{3}{4}$ " (9.4 mph wind) leap in the first round. Defending titlist Pertti Pousi of BYU was second at 25'6" after the first series.

The second set of jumps settled the first three places. Proctor went his 26'11 $\frac{3}{4}$ ", Kansas' Stan Whitley soared 26'4 $\frac{1}{4}$ " which was good enough to take off Pousi's 26'4" even though Whitley later went 26'7 $\frac{3}{4}$ ". Don Robinson of Wayne State improved to 25'3 $\frac{1}{2}$ ", which held up for sixth.

Said Proctor, "I believe I could do better when I learn to hit the board. My toe was 11 inches behind the line. Ralph Boston gave me some pointers down there today." Other jumpers also complained of step problems. (Dick Drake)

RESULTS (6/20): 1. Jerry Proctor (Redlands) 26'11 $\frac{3}{4}$ " w (series: 26'9 $\frac{3}{4}$ " w, 26'11 $\frac{3}{4}$ " w, p, 25'5" w, 26'5 $\frac{3}{4}$ " w, f); 2. Stan Whitley (Kans) 26'7 $\frac{3}{4}$ " w (24'1 $\frac{1}{2}$ " w, 26'4 $\frac{1}{4}$ " w, 25'9 $\frac{1}{2}$ " w, 25'3 $\frac{1}{2}$ " w, 26'7 $\frac{3}{4}$ " w, 24'6 $\frac{3}{4}$ " w); 3. Pertti Pousi (BYU) 26'4" w; 4. Tom Smith (Ore) 26'4" w; 5. John Johnson (UCLA) 25'10 $\frac{1}{2}$ " w; 6. Don Robinson (Wayne St) 25'3 $\frac{1}{2}$ " w; 7. Marion Anderson (San Jose St) 25'3 $\frac{1}{4}$ " w; 8. Henry Jackson (Wn Ky) 25'2 $\frac{1}{4}$ " w; 9. Byron Gutwein (San Diego St) 24'7" w; 10. Richard Feezel (NWN) 24'3" w; 11. Edmond Henry (Ind St) 22'10 $\frac{1}{2}$ " w; Mike Burton (Fla) scratched.

QUALIFICATION (6/19, first 12 qualified at 24'5" or farther): 1. Proctor 25'7 $\frac{1}{2}$ "; 2. Smith 25'6 $\frac{1}{4}$ "; 3. Pousi 25'3 $\frac{1}{2}$ "; 4. Anderson 24'11 $\frac{1}{2}$ "; 5. Gutwein 24'11 $\frac{1}{4}$ "; 6. Robinson 24'9 $\frac{1}{4}$ "; 7. Jackson 24'7 $\frac{3}{4}$ "; 8. Henry 24'7"; 9. Feezel 24'7"; 10. Johnson 24'6 $\frac{1}{4}$ "; 11. Whitley 24'6"; 12. Burton 24'5". Leading non-qualifiers: Ron Jessie (Kans) 24'4 $\frac{1}{4}$ ", George Gage (San Jose St/F) 24'3 $\frac{3}{8}$ ", Gerry Whittaker (Ore St) 24'2 $\frac{1}{2}$ ", Kari Palmen (BYU/F) 24'1 $\frac{1}{4}$ ", Bill Henry (Wash St) 23'9 $\frac{1}{4}$ ", Larry Highbaugh (Ind) 23'3".

TRIPLE JUMP

The strongest field of triple jumpers in NCAA history provided interest-

ing competition. Pertti Pousi, BYU junior from Finland, leaped 51'8" in the first round while his conqueror of last year, Lennox Burgher of Nebraska, was second at 49'3 $\frac{3}{4}$ ".

In the second round, UCLA sophomore Denny Rogers moved to second with 50'10 $\frac{3}{4}$ " and Kim Piersol of Furman took over third place at 50'2 $\frac{3}{4}$ ". On the very next jump, Piersol was passed by Buford May of Lincoln. Pousi improved to 52'1 $\frac{1}{2}$ " and John Craft of Eastern Illinois moved to third with 50'9 $\frac{3}{8}$ ".

Starting the third round, Chris Watkins of Los Angeles State went into fourth place at 50'3 $\frac{1}{4}$ ". Burgher moved from eighth to third with 50'10 $\frac{1}{4}$ ". Henry Jackson of Western Kentucky, after two fouls, jumped only 49'8 $\frac{1}{2}$ " and was eliminated. Craft took over second place with 51'2 $\frac{1}{2}$ ".

None of the seven finalists improved in the fourth round. Then Rogers improved to 51'2 $\frac{1}{2}$ " but remained third behind Pousi and Craft. Piersol leaped 50'6" to place fifth. On his final jump, Burgher sailed 51'3 $\frac{1}{2}$ " and moved from fourth to second. (Cordner Nelson)

RESULTS (6/21): 1. Pertti Pousi (BYU) 52'1 $\frac{1}{2}$ " (series: 51'8", 52'1 $\frac{1}{2}$ ", p, 45'7", f, f); 2. Lennox Burgher (Nebr) 51'3 $\frac{1}{2}$ "; 3. John Craft (En Ill) 51'2 $\frac{1}{2}$ "; 4. Denny Rogers (UCLA) 51'2 $\frac{3}{4}$ " w; 5. Kim Piersol (Furman) 50'6"; 6. Chris Watkins (LA St) 50'3 $\frac{1}{4}$ "; 7. Buford May (Lincoln) 50'3 $\frac{1}{4}$ "; 8. Randy Smith (Bufalo St) 49'10 $\frac{3}{8}$ "; 9. Henry Jackson (Wn Ky) 49'8 $\frac{1}{2}$ "; 10. Ken Gaines (Kans) 49'7"; 11. Tom Massey (Stanford) 48'8 $\frac{1}{2}$ "; 12. Howard Pratt (Sn Cal) 48'3 $\frac{1}{2}$ ".

QUALIFICATION (6/20, first 12 qualified at 49'1 $\frac{1}{2}$ " or farther): 1. Piersol 51'7 $\frac{1}{2}$ "; 2. Burgher 51'5 $\frac{1}{2}$ "; 3. Craft 51'1 $\frac{3}{4}$ "; 4. Smith 50'11 $\frac{1}{4}$ "; 5. Pratt 50'5 $\frac{1}{4}$ "; 6. Gaines (Kans) 50'4 $\frac{1}{2}$ "; 7. Massey 49'6 $\frac{3}{4}$ "; 8. Watkins 49'6 $\frac{1}{2}$ "; 9. Pousi 49'5"; 10. Rogers 49'3 $\frac{3}{8}$ "; 11. May 49'3 $\frac{1}{4}$ "; 12. Jackson 49'1 $\frac{1}{2}$ ". Leading non-qualifiers: Adrian Porter (San Jose St) 49'0", Jerry Proctor (Redlands) 48'11 $\frac{3}{4}$ ".

SHOT PUT

San Jose's Richard Marks, a 63'10" man, failed to qualify for the competition proper. After two fouls, one of which he thought was fair, he tried to qualify from a stand, but the shot slipped off his fingers and went only 56'7 $\frac{1}{4}$ ".

Two huge 19-year-old sophomores from Kansas dominated the event. Karl Salb, 278-lbs., had a good winning series: 64'5", 62'11", 62'3 $\frac{1}{4}$ ", 64'8", 64'7 $\frac{1}{2}$ " and 64'9". Steve Wilhelm took second place on his first put of 62'11 $\frac{1}{2}$ ", followed with 62'9 $\frac{1}{2}$ ", and added a personal record 63'6 $\frac{1}{4}$ ".

Mark Ostoich of UCLA was a surprise third with 62'2" on his first put, also a personal record. John Hubbell of Washington was fourth until the last round when defending champion Steve Marcus of UCLA equaled Hubbell's 61'7" and took over fourth with a second-best of 61'4 $\frac{1}{4}$ " to Hubbell's 61'1 $\frac{1}{4}$ ". Tom Colich of Southern Cal was sixth with a first-round put of 59'10".

Salb said, "I have got a better throw in me than the one I had today, but I am glad to have won anyway. Afterwards when I was practicing, I hit 67-feet a couple of times. I have been changing my form and my kick just isn't perfected yet." (Cordner Nelson)

RESULTS (6/21): 1. Karl Salb (Kans) 64'9" (series: 64'5", 62'11", 62'3 $\frac{1}{4}$ ", 64'8", 64'7 $\frac{1}{2}$ ", 64'9"); 2. Steve Wilhelm (Kans) 63'6 $\frac{1}{4}$ "; 3. Mark Ostoich (UCLA) 62'2"; 4. Steve Marcus (UCLA) 61'7" (61'4 $\frac{1}{4}$ " second-best throw); 5. John Hubbell (Wash) 61'7" (61'1 $\frac{1}{4}$ " second-best throw); 6. Tom Colich (Sn Cal) 59'10"; 7. Dick Benka (Harv) 59'6 $\frac{1}{4}$ "; 8. John Hanley (Md) 59'3 $\frac{1}{2}$ "; 9. Doug Lane (Kans St/F) 58'6 $\frac{1}{4}$ "; 10. John Van Reenen (Wash St) 57'10 $\frac{1}{4}$ "; 11. Doug Knop (Kans) 57'8 $\frac{1}{4}$ "; 12. Sam Walker (SMU/F) 56'7 $\frac{3}{8}$ ".

QUALIFICATION (6/19, first 12 qualified at 58'0" or farther): 1. Salb 63'9 $\frac{1}{4}$ "; 2. Marcus 61'9 $\frac{1}{4}$ "; 3. Hubbell 60'2 $\frac{1}{2}$ "; 4. Wilhelm 60'1 $\frac{1}{2}$ "; 5. Colich 59'8 $\frac{1}{2}$ "; 6. Lane 59'7 $\frac{3}{4}$ "; 7. Van Reenen 59'5 $\frac{1}{2}$ "; 8. Hanley 59'3 $\frac{1}{2}$ "; 9. Ostoich 59'0"; 10. Knop 56'8 $\frac{3}{8}$ "; 11. Walker 58'4 $\frac{1}{2}$ "; 12. Benka 58'0". Leading non-qualifiers: Andy Kenney (NEN) 56'11", Richard Marks (San Jose St) 56'7 $\frac{1}{4}$ ", Russ Hodge (UCLA) scratched.

DISCUS THROW

Defending champion John Van Reenen, huge South African at Washington State, led off with 195'9", improved to 199'10" on his fourth throw, and sailed the platter 200'8" on his last to win easier than expected.

Tim Vollmer of Oregon State, who was injured after he threw 204'2" at the Kennedy Games, had five throws over 183-feet but his best was 188'10". John Powell of San Jose State, who had a practice throw of 201'2" earlier, threw 183'7" on his first attempt but could not improve. Richard Drescher of Maryland was in fourth place at 182'10" until his sixth throw sailed 187'6" and he moved to third.

The three Kansas throwers, tensely trying to outscore Powell in the team battle, lost by one point. Steve Wilhelm was seventh at the end of one round but he slipped to ninth even though he improved to 177'5". Karl Salb, the shot put champion, reached 178'10" on his second effort to place sixth. Doug Knop came from last place on his third throw to reach 179'3" and fifth place. (Cordner Nelson)

RESULTS (6/21): 1. John Van Reenen (Wash St) 200'8" MR (series: 195'9", f, f, 187'9", 199'10", 200'8"); 2. Tim Vollmer (Ore St) 188'10"; 3. Dick Drescher (Md) 187'6"; 4. John Powell (San Jose St) 183'7"; 5. Doug Knop (Kans) 179'3"; 6. Karl Salb (Kans) 178'10"; 7. Mike Hoffman (BYU) 178'2"; 8. Rich Fuhs (Ind) 177'9"; 9. Steve Wilhelm (Kans) 177'5"; 10. John Morton (Fla) 176'1"; 11. Paul Gill (N Dame) 174'5"; 12. Ken Dietz (Penn) 165'9".

QUALIFICATION (6/20, first 12 qualified at 172'2" or farther): 1. Vollmer 188'2"; 2. Van Reenen 187'3"; 3. Fuhs 178'2"; 4. Powell 177'11"; 5. Hoffman 176'7"; 6. Gill 175'10"; 7. Salb 175'5"; 8. Knop 175'0"; 9. Drescher 173'10"; 10. Morton 173'8"; 11. Wilhelm 172'9"; 12. Dietz 172'2".

HAMMER THROW

For the first time, a qualifying round was needed to trim the 18 entrants to 12. Ed Nosal, promising 192'5" Harvard sophomore, knocked himself out of contention before he had a chance to compete. He leaped up and dislodged a goalpost crossbar with his hand and the heavy pipe fell on his head. Several stitches were taken and he was allowed to throw after the others had finished, but he threw only 165'4" and fouled twice.

In the regular competition the next day, only favored Dick Narcessian

NCAA CHAMPIONSHIPS

of Rhode Island and Steve DeAutremont of Oregon State threw consistently well. Narcessian had two fouls and four throws over 186'8". All six of DeAutremont's throws went 186'4" or better.

Narcessian led with 188'5" until DeAutremont reached 190'5" on his fourth throw. Narcessian came back immediately with 188'9". DeAutremont, who had a warm-up throw near 195-feet on Thursday, reached 189'4" on his fifth throw. He said, "I was pleased to win but I would have like to have gotten more distance today."

Little Tony Tenisci, Washington State freshman from Canada, threw 186'1" and 185'8", then fouled three of his last four throws to place third. Ed Potts of Navy moved to fourth on his last throw, 185'1".

Several throws were repeated when the handle hit the too-close cage, and some throwers criticized the slickness of the throwing circle. (Cordner Nelson)

RESULTS (6/20): 1. Steve De Autremont (Ore St) 190'5" (series: 186'11", 186'7", 186'4", 190'5", 189'4", 187'10"); 2. Dick Narcessian (Rhode Is) 188'9"; 3. Tony Tenisci (Wash St F) 186'1"; 4. Ed Potts (Navy) 185'1"; 5. DeWitt Davies (Dartmouth) 182'10"; 6. Dave Leitch (Ohio U) 180'0"; 7. Bill Dineen (Dartmouth) 176'7"; 8. Roger Best (Bowdoin) 175'1"; 9. George Lyons (Manh) 173'7"; 10. Dale Fredericks (Army) 169'10"; 11. Toli Welihozkiy (Rutgers) 168'2"; 12. Charles Ajootian (Harv) 167'1".

QUALIFICATION (6/19, 12 qualified at 173'5" or farther): 1. Narcessian 191'3"; 2. De Autremont 189'11"; 3. Davies 181'2"; 4. Potts 180'9"; 5. Leitch 179'4"; 6. Tenisci 179'3"; 7. Dineen 178'4"; 8. Best 175'8"; 9. Ajootian 174'11"; 10. Fredericks 174'4"; 11. Welihozkiy 173'8"; 12. Lyons 173'5". Leading non-qualifiers: Jack Panzica (Adelphi) 173'3", Ron Hungarter (Ohio U) 167'8", Ed Nosal (Harv) 165'4".

JAVELIN THROW

The qualifying round resulted in a new meet record of 273'3" for Tennessee's 29-year-old sophomore, Bill Skinner. Ten men threw over 242-feet in the qualifying round, with Roger Collins of Clemson and Bill Schmidt of North Texas State making it on their third throws. Skinner threw only 230'1" on his first throw and passed his third. On his record he missed his step but he threw anyway and said, "I was surprised I threw that well."

On Saturday, Skinner warmed up with three throws over 260-feet. Hoping for 280-feet, he reached 261'10" on his second throw.

American record holder Mark Murro (292'8"), burly Arizona State sophomore, was in trouble. "I pulled a muscle on my left side on Thursday and I didn't know whether I could throw earlier today." He threw 265'9" on his first effort. "My first throw today didn't hurt so much so I threw twice more." He reached 264'4" on his second, and his third was over 260-feet but barely out of the sector.

Then Murro passed. "I skipped the last three because it was hurting. If he had beaten me after my first three, that was it. My left side is killing me." But Skinner pressed and his last three efforts were 229'2", 226'10", and foul. "I guess I was trying too hard."

David Reiss of Maryland sailed the spear 253'2" on his first throw to win third place. Not one of the 12 finalists improved after his second throw. And nine of the 12 failed to equal their qualifying throws. (Cordner Nelson)

RESULTS (6/21): 1. Mark Murro (Ariz St) 265'9" (series: 265'9", 264'4", f, p, p, p); 2. Bill Skinner (Tenn) 261'10"; 3. Dave Reiss (Md) 253'2"; 4. Don Fish (Ohio U) 252'1"; 5. Roy Waddell (Ariz) 243'8"; 6. Roger Collins (Clemson) 239'7"; 7. Dick Legas (BYU) 237'4"; 8. Jack Bacon (Md) 234'5"; 9. Terry Halmi (Wyo) 228'7"; 10. Bill Schmidt (No Tex St) 228'3"; 11. Bob Wallis (Army); 12. Juhani Nummela (BYU/F) all fouls.

QUALIFICATION (6/19, first 12 qualified at 237'6" or farther): 1. Skinner 273'3" MR; 2. Waddell 258'10"; 3. Murro 257'6"; 4. Legas 250'2"; 5. Schmidt 249'7"; 6. Fish 248'3"; 7. Reiss 245'1"; 8. Collins 244'3"; 9. Wallis 244'3"; 10. Bacon 242'6"; 11. Halmi 239'2"; 12. Nummela 237'6". Leading



BILL SKINNER of host-school Tennessee set a new NCAA meet record of 273'3" in the javelin preliminaries, but the 29-year-old sophomore succumbed in the finals to another strong-armed soph, Arizona State's Mark Murro, who threw 265'9". Skinner reached 261'10" for second. (Photo by Jeff Johnson)

non-qualifiers: Frank San Filippo (Cal Poly/Pom) 236'11", Stu Hunnings (Wash St) 234'7", Tom Colby (Stanford) 232'11".

440 YARD RELAY

Six teams ran 39.7 or faster in the qualifying heats, by far the fastest ever in this meet. San Jose State, with John Carlos running a serious anchor leg in the heat, clocked 38.8, an American record and one-fifth off the world.

The teams lined up for the final in a hard rain. Southern California, defending champion and world record holder, came to grief on the first hand-off when Fred Kuller ran away from oncoming Rich Coulter. Their pass was completed out of the zone, but they continued running.

UCLA's third man, Johnny Johnson, ran away from injured substitute Russ Hodge, and Hodge pursued him into the curve, the baton a foot from Johnson's hand. Thus, three fast teams were eliminated by bad passes, as California was disqualified in its heat.

Rice led into the homestretch, but Carlos blazed past, as did Lennox Miller of Southern Cal's disqualified team. Rockie Woods almost caught Rice's Dale Bernauer at the finish.

San Jose had to run in the unfair curb lane and clocked only 39.1 in spite of good passes. Southern Cal's unofficial second place time was 39.3 to 39.5 for Rice and Texas A&M. Kansas, which had run 39.6 in the heat, barely saved fourth in the final at 40.0.

Rich Coulter explained USC's failure: "We were going all out to win or nothing. We were going to break 38.8 or something under that. We extended our zones."

San Jose runners blamed the rain for their slower time. Carlos said, "The puddles on the inside lane bothered me." Sam Davis said, "I got a good hand-off today but the track was a little slick and I think it affected the time." (Cordner Nelson)

RESULTS (6/21): 1. San Jose State 39.1 (Sam Davis, Kirk Clayton, Ronnie Ray Smith, John Carlos); 2. Rice 39.5 (Conley Brown, Bill Askey, Doug Belzung, Dale Bernauer); 3. Texas A&M 39.5 (Scott Hendricks, Curtis Mills, Jack Abbott, Rocky Woods); 4. Kansas 40.0 (George Byers, Mickey Matthews, Stan Whitley, Julio Meade); 5. Oregon State 40.1 (Steve Davis, Greg Marks, Ernie Smith, Willie Turner); 6. Washington State 40.1 (Park Eng, Steve Hoover, Forey Walter, Larry Schreurer); disq--Southern California 39.3 (Rich Coulter, Fred Kuller, Edsel Garrison, Lennox Miller), UCLA 40.2 (Hal Busby, Russ Hodge, John Johnson, Wayne Collett).

HEATS (6/20, four qualify): I-1. Southern Cal 39.3; 2. Kansas 39.6; 3. Texas A&M 39.6; 4. Washington State 40.1; 5. Tennessee 40.2 (Gary Wagner, Bill High, Andy Bennett, Bob Ball); 6. Yale 40.5 (Jon Kastendieck, John Downing, Mel Currie, Don Martin); 7. Abilene Christian 40.5 (Monte Stratton, Bill Overly, Roger Colglazier, Robert Medlock); 8. Western Michigan 40.5 (Sanford Tucker, Horace Coleman, Rich Manuszak, Tom Randolph); 9. Rutgers 40.6 (Don Kay, Bob Perna, Jim Smith, Bob Kerr). II-1. San Jose State 38.8 AR; 2. UCLA 39.6; 3. Rice 39.7; 4. Oregon State 40.1; 5. Michigan 40.5 (Larry Midlam, George Hoey, Sol Espie, Gene Brown); 6. Montana 40.7 (Roy Robinson, Bob Zins, Dick Koontz, Bill Zins).

ONE MILE RELAY

No heats were required when the field scratched down to nine teams.

Bill Askey put a determined Rice team into the lead with a hard first leg of 46.4 as they hoped to win for their hospitalized coach Emmett Brunson.

UCLA's Len Van Hofwegen came from six yards back to hand off even with Rice. His leg was 45.0. Andy Young of UCLA sprinted ahead and gained the pole in a move that put it in command. He held off Steve Straub's determined backstretch drive and led him by a yard down the homestretch. Young ran 46.4.

UCLA's Wayne Collett was three-yards ahead when he settled down to run with the baton. He ran only to win (yet still ran 45.0), never allowing Rice's Dale Bernauer to get closer than a yard. He pulled away in the stretch and hit the tape in 3:03.4, four seconds under the meet record and one tenth under the American and collegiate records.

Meanwhile, back in the race, Tennessee fans ended the meet with a great roar as Hardee McAlhaney came from four yards behind Texas and Abilene Christian to pass them in the homestretch with a 44.7 leg. (Cordner Nelson)

RESULTS (6/21): 1. UCLA 3:03.4 AR, CR (John Smith 47.0, Len Van Hofwegen 45.0, Andy Young 46.4, Wayne Collett 45.0); 2. Rice 3:04.7 (Bill Askey 46.4, Conley Brown 45.6, Steve Straub 46.8, Dale Bernauer 45.9); 3. Tennessee 3:06.5 (Gary Womble 47.6, Larry Kelly 46.8, Audry Hardy 47.4, Hardee McAlhaney 44.7); 4. Abilene Christian 3:06.6 (Hubert Jones 48.0, Roger Colglazier 46.2, Mark Fry 46.6, Ronnie Crawford 45.8); 5. Texas 3:06.7 (L.J. Cohen 48.2, David Matina 46.7, Eddie Canada 45.4, Dave Morton 46.4); 6. Southern Illinois 3:08.8 (Willie Richardson 48.1, Bobby Morrow 47.4, Barry Liebovitz 46.7, Chuck Benson 46.6); 7. Middle Tennessee State 3:11.6 (Dennis Bandy 49.7, Terry Scott 48.2, David Wyatt 47.4, Jerry Singleton 46.3); 8. Michigan State 3:12.0 (Pat Wilson 47.7, John Mock 48.3, Roger Merchant 47.7, Bill Wehrwein 48.3); 9. Notre Dame 3:13.4 (Paul Gough 47.4, Doug Bireulin 49.3, Joe Quigley 46.8, Bill Hurd 47.9). (No heats necessary)

TEAM CHAMPIONSHIPS

1. San Jose State 48; 2. Kansas 45; 3. Oregon State & Washington State 40; 5. UCLA 39; 6. Villanova 35; 7. Brigham Young 34; 8. Southern California 33; 9. Tennessee 28; 10. Maryland, Oregon & Yale 18; 13. Rice & Texas A&M 16; 15. Arizona State 14; 16. Missouri, New York U & Redlands 10; 19. Nebraska, Notre Dame, Rhode Island, San Diego State, Western Michigan & William & Mary 8; 25. Eastern Illinois, Eastern Kentucky, Florida, Kent State, Michigan State, Richmond & Texas 6; 32. Ohio U 5; 33. Abilene Christian, Bowling Green State, El Paso, Idaho State & Navy 4; 38. Fresno State, Southern Illinois & Washington 3; 41. Arizona, Arkansas State U, Dartmouth, Furman, Kansas State, Pepperdine & Wisconsin 2; 48. Clemson, Holy Cross, Los Angeles State, Michigan, Minnesota, Murray State, Northern Iowa, Northwestern, Rutgers, Wayne State 1.

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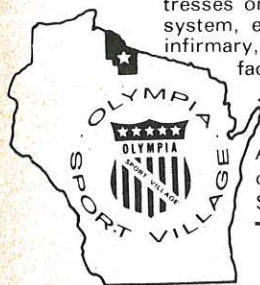
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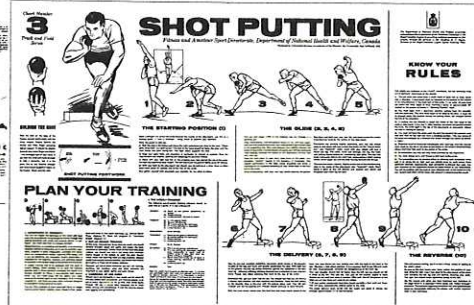
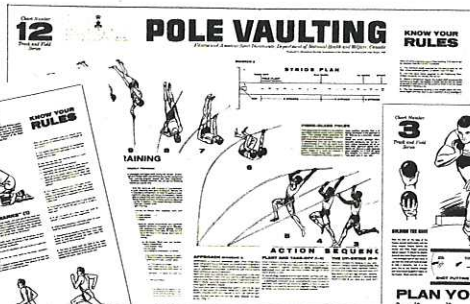


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"High School Runners and Their Training Programs"



(Continued from page 3)

AAU Championships

100 YARD DASH

Although this race was probably the closest mass finish ever seen in a major sprint race, it will probably be remembered as a two-man race between John Carlos and Ivory Crockett.

Andy Hopkins won the first heat in 9.3 (windy), pulling Ronnie Ray Smith, Doug Hawken and ageless Mel Pender to 9.4s behind him. Carlos took the second heat in 9.3, a tenth ahead of Mel Gray, Eddie Hart and Bill Hurd. Little Crockett won the third heat in 9.4, with young Don Quarrie of Jamaica, Robert Taylor and Charlie Greene also qualifying.

In the semis, you could run 9.3 and not make the final. That's what happened to Quarrie in the second heat, with Greene edging him for fourth behind 9.2s by Gray and Hopkins and a 9.3 by Hart. In the other semi, Carlos, Crockett, Taylor and Ronnie Ray ran 9.3 in that order. Both races were windy.

As the runners were on their marks for the final, a vaulter cleared 16-foot and the crowd roared. Apparently, starter John Tomasko did not hear the noise and voiced the second command "set". Carlos, who was in lane eight farthest away from the starter (lanes were drawn by lot without regard to semi placing), said later he did not hear the "set" command. Whatever happened, there's no disputing that Carlos was off last--or that by the halfway point Crockett was in front by a small but clear margin which he held to the tape, reached in 9.3. Carlos, with a yard or two to make up on a great field, almost did it, finishing only six inches or so behind Crockett. The margin between Carlos and third-place finisher Greene was perhaps 18 inches, with the rest of the field all within two feet of Greene. Thus, eight men were only four feet--.11-second--apart after 100-yards of all-out running. Thank goodness for the Bulova Phototimer.

The new champion is a compact 5'6", 160-lbs. and is built like a miniature fullback. He is 19, from Webster Groves, Mo., and competed unattached this year as an ineligible freshman at Southern Illinois. He said, "I thought everybody got off to a better start than me, and I started coming on at the 20-yard line." He added, "It feels great to beat Carlos because I think he's the greatest runner there is right now." Carlos said, "That shouting broke my concentration. In the lane I was in, I could hardly hear the starter anyway." Greene said, "The hamstring I pulled at the Kennedy Games was still so bad Monday that I couldn't jog without pain, but I decided I might as well try, so I worked out a little during the week. You might say I ran myself into shape in the heat and semifinal. I got third place on my finishing lean."

Prophetic footnote: Two weeks earlier, at the USTFF meet, upon seeing Crockett run for the first time, T&FN editor Cordner Nelson said, "There's the next world's fastest human." (Jim Dunaway)

RESULTS (6/28, into 1.18mph wind): 1. Ivory Crockett (Sn III/F) 9.3; 2. John Carlos (San Jose St) 9.3; 3. Charlie Greene (Ft Mac) 9.4; 4. Mel Gray (Mo) 9.4; 5. Robert Taylor (Tex Sn/F) 9.4; 6. Eddie Hart (Contra Costa JC) 9.4; 7. Ronnie Ray Smith (San Jose St) 9.4; 8. Andy Hopkins (Hous Strid) 9.4.

HEATS (6/28, four qualify): I(5.68mph wind)-1. Hopkins 9.3; 2. R.R. Smith 9.4; 3. Doug Hawken (Glendale CC) 9.4; 4. Mel Pender (Ft Mac) 9.4. II(3.35mph wind)-1. Carlos 9.3; 2. Gray 9.4; 3. Hart 9.4; 4. Bill Hurd (N Dame) 9.4; III(into 2.84mph wind)-1. Crockett 9.4; 2. Don Quarrie (Jamaica) 9.5; 3. Taylor 9.5; 4. Greene 9.5; 6. Gerald Tinker (Coral Gables HS, Fla) 9.7; 6. Bill Gaines 9.7.

SEMIS (6/28, four qualify): I(5.45mph wind)-1. Carlos 9.3; 2. Crockett 9.3; 3. Taylor 9.3; 4. R.R. Smith 9.3; 5. Hawken 9.5; 6. Hurd 9.5. II(9.48 mph wind)-1. Gray 9.2; 2. Hopkins 9.2; 3. Hart 9.3; 4. Greene 9.3; 5. Quarrie 9.3; 6. Pender 9.4.

220 YARD DASH

John Carlos is clearly the class of the furlong sprinters, more so than any athlete in other events. He's got it tough in the 100, but he won the NCAA

There wasn't a less likely prospect for AAU 100 honors than IVORY CROCKETT, the man in the Southern Illinois uniform. At 9.4, he was the slowest of the eight finalists. His national experience was limited to one meet, and he faced three

by 0.7 and the AAU here by 0.5, both in 20.2.

The 220 is a comparatively weak event, at least by Carlos' standards. Only 14 showed for the semis. Still, some pretty fair long sprinters were eliminated in the trials, including Florida prep Gerald Tinker whose 20.6 would tie the high school record, Mel Gray and Orin Richburg. And Tommie Smith and Oliver Ford were missing as well.

Carlos lined up in lane two with an official pushing his foot against the block to hold it in place. There was an obvious false start that let Washington State's Larry Schuerer get off ahead of the field. But Tom Randolph dashed around the turn in fine fashion, and then there was Carlos--ahead by the straight.

Randolph held on to finish second in 20.7, just inches ahead of Georgia Tech's Ben Vaughn who closed fastest save Carlos. Randolph also finished second in the NCAA. Another repeat placer from the national collegiates was Scheurer who moved up two spots to fourth here at 20.9. Eddie Hart became the only sprinter aside from Carlos to place in both sprints, claiming fifth in this event in 20.9.

After his victory Carlos informed, "I'm not even tired, man," referring to an earlier comment after his 20.3 semi-final when he said he felt "completely exhausted". He explained, "As soon as I got in the blocks, I seemed to fire up. The tension dropped off me, and I knew I was up." (Dick Drake)

RESULTS (6/29, into 0.55mph wind)-1. John Carlos (SJose St) 20.2 MR; 2. Tom Randolph (Wn Mich) 20.7; 3. Ben Vaughn (Ga Tech) 20.7; 4. Larry Schuerer (Wash St) 20.9; 5. Eddie Hart (Contra Costa JC) 20.9; 6. Jerry Bright (Ariz St) 21.0; 7. Bill Hurd (N Dame) 21.1; 8. Gerald Tinker (Coral Gables HS, Fla) 21.2.

HEATS (6/29, four qualify): I(0.7mph wind)-1. Carlos 20.3 MR; 2. Randolph 20.4; 3. Vaughn 20.6; 4. Tinker 20.6=HSR; 5. Mel Gray (Mo) 20.8; 6. Bob Frey (Ft Mac) 20.8; 7. Jeff Horsley (Ariz St/F) 21.0. II(4.02mph wind)-1. Hurd 20.7; 2. Bright 20.8; 3. Scheurer 20.9; 4. Hart 21.0; 5. Lorenzo Russell (Pepperdine) 21.0; 6. Orin Richburg (Kent St) 21.1; 7. Robert Taylor (Tex Sn/F) 21.1.

440 YARD DASH

Sports officials and writers, particularly the directors of the AAU, were dialing one telephone number more than any other between the NCAA and AAU championships: (713) 632-1003, Lufkin, Texas.

Despite numerous inquiries and considerable pressure, new world quarter mile record holder Curtis Mills of Texas A&M was sticking by his mid-season decision to conclude his year with the national collegiates. He drove home from Knoxville immediately after the NCAA meet, and planned to enroll in summer school. Mills, the first Negro to attend the military school on a sports scholarship, said, "If I run all summer, I'll need at least three months rest, and I won't be ready when the Aggies start competing in indoor meets." Coach Charles Thomas put it this way, "He still has two collegiate seasons remaining and those guys wanting to run against him will get their chances later."

So, the natural duel between newcomer Mills and competitor Evans wasn't to be. Perhaps Bud Winter put it best, when with his first words to Lee after his loss to Mills at the NCAA he said, "I wouldn't want to run against you next week."

The trials didn't eliminate anyone of significance, except Hal Francis, as many top quarter-milers besides Mills were missing including Vince Matthews and collegians Al Coffee, Edesel Garrison, Gary Womble, Bill Wehrwein, Thurman Boggess and Dave Morton (all 46.0 or better this year).

The race was hardly in the same class as the NCAA race. Evans won his fourth straight title from the disadvantaged first lane, as expected, but only one athlete scored as much as a seasonal best.

Larry James followed his usual strategy against Evans: get the hell out there. Elbert Stinson went with him. Both were to fade coming down the home stretch, to fourth and seventh. Down the backstretch, Evans and Kemp moved closest to the duo. Kemp got the jump on Evans and grabbed a three yard lead

world record holders here, JOHN CARLOS (left), RONNIE RAY SMITH (next to Carlos) and CHARLIE GREENE (lane 2). He beat them, plus (1-r) ROBERT TAYLOR, ANDY HOPKINS, MEL GRAY and EDDIE HART. (Don Wilkinson)



AAU CHAMPIONSHIPS

as they came into the homestretch. James fell back drastically though he was to come on again near the finish. Less than 15 yards from the tape, Tommie Turner caught and passed Kemp, whom James nearly reached as well before he fell across the finish line.

Moving fastest of all down the homestretch, from about 80 yards out, was Santa Barbara's Jay Elbel, who switches between the half and quarter. He was the sole athlete to get some sort of personal record, and this was a 46.4 that matched the best he ran in the NCAA heats and his preliminary here. Evans clocked 45.6, ahead of Turner at 46.0 and Kemp in 46.3. James ran the same time as Kemp. (Dick Drake)

RESULTS (6/29): 1. Lee Evans (San Jose St) 45.6 MR; 2. Tommie Turner (Murray St) 46.0; 3. Jim Kemp (Ft Mac) 46.3; 4. Larry James (Vill) 46.3; 5. Jay Elbel (UCSB) 46.4; 6. Len Van Hofwegen (UCLA) 46.5; 7. Elbert Stinson (Ft Mac) 47.2; 8. Jim Burnett (Phila PC) 47.5.

HEATS (6/28, four qualify): I-1. Evans 45.8; 2. Burnett 46.1; 3. Van Hofwegen 46.2; 4. Stinson 46.4; 5. Hal Francis (Ark AM&N) 46.9. II-1. James & Turner 45.7 MR; 3. Kemp 46.2; 4. Elbel 46.4; 5. Larry Black (Killian HS, Miami, Fla) 46.7; 6. Bill Wehrwein (Mich St) 46.9.

Dyce, who had run 12 220s in 25 seconds with a 60-90 second recovery three days earlier, said, "I was in my 'loping' stride for the last 150-yards or so. I thought about trying to change to a sprint, but I was afraid I might lose form and tie up if I did." Asked about his reputation as a kicker, he said, "Now that I have more confidence in my ability, I would like to try leading all the way in a fast race. Maybe I'll surprise you one of these days and do that."

Luzins, a William & Mary senior who started school without a scholarship, again proved to be the event's most surprising revelation. His best time before last week's NCAA meet was 1:49.5. (Jim Dunaway)

RESULTS (6/29): 1. Byron Dyce (NYU) 1:46.6; 2. Juris Luzins (Wm & Mary) 1:46.7; 3. Felix Johnson (P View A&M) 1:47.0; 4. John Perry (USMC) 1:47.8; 5. Art Sandison (Wash St) 1:47.8; 6. Lowell Paul (UCTC) 1:47.9; 7. Mark Winzenried (Wisc) 1:48.5; 8. Ralph Schultz (NWN) 1:50.4.

HEATS (6/28, four qualify): I-1. Johnson 1:49.5; 2. Ken Sparks (UCTC) 1:50.0; 3. Peter Farrell (NYAC) 1:50.1; 4. John Lilly (Ore St) 1:50.5. II-1. Winzenried 1:49.8; 2. David Matina (Tex) 1:50.0; 3. Paul 1:50.8; 4. Brian Mc-Elroy (Massapequa HS, NY) 1:50.8. III-1. Schultz 1:51.3; 2. Luzins 1:51.3; 3. Joe Quigley (N Dame) 1:51.4; 4. Sandison 1:51.5; 5. Neville Myton (San Jose St) 1:51.7; 6. Herb Germann (NYAC) 1:52.4; 7. Jere VanDyk (Ft Mac) 1:52.9. IV-1. Dyce 1:51.2; 2. Perry 1:51.3; 3. Keith Colburn (Harv) 1:51.4; 4. Mar-



In the AAU 880 final, BYRON DYCE (l) faced many of his NCAA opponents of the previous week, plus the former national leader to boot. But Dyce again conquered all, this time with 1:46.6 to edge surprising JURIS LUZINS (r), 1:46.7. FELIX JOHNSON (2nd from right), fastest American until the NCAA, was third here with 1:47.0. Obscured JOHN PERRY (behind Johnson) closed fast for fourth with 1:47.8, as bearded LOWELL PAUL was a tenth back in sixth. ART SANDISON also ran 1:47.8, nabbing fifth while obscured MARK WINZENRIED ran seventh in 1:48.5. (Photo by Don Chadez)

880 YARD DASH

With heats and semis the first day, the race was to be to the strong as well as the swift. Felix Johnson took the first heat in 1:49.5, Mark Winzenried the second in 1:49.8, Ralph Schultz the third in 1:51.3 and Byron Dyce the fourth in 1:51.2. Among the qualifiers were New York high school rivals Brian Mc-Elroy and Marcel Phillippe. Failing to advance were indoor 1000 champion Herb Germann and former NCAA champ Peter Scott.

The semis two hours later were hard races though not especially fast. Johnson, as always a front runner, led the first one through a 52.5 quarter and held his lead all the way to win in 1:49.0 as Kickers Art Sandison, Juris Luzins and Ralph Schultz charged at him in the straight. In the second semi, Dyce won in 1:49.6 ahead of Winzenried, Lowell Paul and John Perry. Perry, 10 yards behind the leaders at the top of the stretch, sprinted hard and passed Keith Colburn just before the finish.

In the final, Winzenried, having been outkicked by Dyce, Sandison and Luzins in the NCAA, did not set his usual fast pace, but Johnson had no qualms about stepping right out as usual. Sandison tucked in behind him, followed Indian file by Winzenried, Luzins, Dyce, Paul, Schultz and Perry. They stayed in this order through the first 440, reached by Johnson in 51.5 and Perry in 52.8.

Around the third turn, things began happening. Winzenried passed Sandison to be second, and Dyce moved past Luzins and Sandison for third, and the three leaders started to pull away. Of the others, only Luzins could make a reply, moving up into fourth and then going after the leaders with about 220 to go.

Coming off the turn into the long final straightaway, Winzenried and Dyce went to the outside to pass Johnson, who responded by drifting into the second lane and forcing them wider. Luzins, moving fast on the inside, passed Johnson at about the same time Dyce did so on the outside. Johnson hung on with great courage but could not resist the double charge. Luzins actually moved ahead with 20 yards or so to go, but Dyce had a tiny bit more at the end and leaned into the tape about a foot ahead, being timed in 1:46.6 to Luzins' 1:46.7. Johnson was three yards back of the first two. Perry, dead last most of the way, again sprinted down the stretch to edge Sandison and Paul for fourth as Winzenried faded to seventh.

cel Phillippe (Mater Christi HS, Long Island City, NY) 1:51.6; 5. Peter Scott 1:51.8.

SEMIS (6/28, four qualify): I-1. Johnson 1:49.0; 2. Sandison 1:49.1; 3. Luzins 1:49.1; 4. Schultz 1:49.4; 5. Farrell 1:50.8; 6. Matina 1:52.5. II-1. Dyce 1:49.6; 2. Winzenried 1:49.7; 3. Paul 1:49.7; 4. Perry 1:49.9; 5. Colburn 1:50.1.

ONE MILE RUN

Jim Ryun dominated the mile, in stunning defeat, just as he has so regularly in splendid triumph. The win went to Marty Liquori, and Ryun didn't even complete two laps. But when it was over the talk was of Ryun and winner Liquori was notably subdued in striking contrast to his exuberance after defeating Ryun fair-and-square in the NCAA.

America's two best milers were hurting as they renewed their duel. Marty had a sprained arch that hindered his workouts and which he kept secret as he "didn't want to give anyone a psychological edge". Jim's latest physical woe was a pain in the right thigh which first began in the NCAA stretch drive. It still pained him during speed workouts in Miami.

For a lap there was no indication of the bomb to come. Ryun was moving well in third, close behind Chuck LaBenz and Bob Day with Liquori striding comfortably in ninth. But on the first bend of the second go-round, Ryun dropped back so quickly that Liquori was moved to ask Jim, "If something was wrong?" He came back so fast he looked like he was running at me instead of in front of me." The world record holder fell back steadily and on the middle of the second turn, now some 20-yards behind, he jogged off the track.

When Liquori learned Ryun was out of the race he started moving up. Later he admitted, "I felt confident I would win when Ryun left." But it took teammate Chris Mason to really get him moving. The pace was a modest 3:04.8 at three-quarters after 60.9 and 2:03.5 and it was left to Mason to shake the field out of its lethargy. He went into the lead entering the penultimate curve and said Liquori, "that woke me up". By the backstretch the young Villanovan was wide awake and he took command. He had three-yards coming into the homestretch with John Mason, the defending titlist, second with hold back-finish fast

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Sam Bair beginning his patented last-second charge. Liquori never was in danger as he won in 3:59.4 with a 54.7 final circuit and the excitement was for the runner-up position. Bair went past Mason about 30-yards from safety but this time he couldn't hold it and Mason edged back ahead. Mason ran 4:00.0 with Bair two-tenths back. There were no other place battles as Bob Day was fourth, LaBenz fifth and Brian Kivlan sixth.

Meanwhile, to continue the Jim Ryun story, the world recordman was collecting his sweats and wife and heading for the parking lot. Jim is always pressed--and sometimes hounded--by reporters and photogs, and so it was even in this moment of sorrow. Finally, as the parade of followers grew, Jim stopped, turned quickly, and said, "I really don't care to talk now, okay?". He and Anne reached a gold Mustang fastback, talked a few minutes and then drove off.

Later, Ryun said he was "stale from too much competition, too much pressure and too many races. When you see everyone starting to pull away and there's no competitive response, the answer is staleness."

The next day, Jim announced he was through for the year, perhaps forever. He canceled a European trip that was to take him and Anne to Zurich and West Berlin. "I haven't decided on retirement," he said. "But this could be my last race. Right now I think it's just better to go home and let the desire build up." He said he was physically ready to run but suffered a mental letdown. "I can't explain it but it just seemed that I wasn't running at the peak of my confidence."

Liquori, national champion at 19, was told he was not showing his usual spirit. "Is something missing?", he was asked. "Yeah," said Marty, "Jim Ryun." (Bert Nelson)

RESULTS (6/29): 1. Marty Liquori (Vill) 3:59.5; 2. John Mason (P Coast) 4:00.0; 3. Sam Bair 4:00.2; 4. Bob Day (Ft Mac) 4:00.9; 5. Chuck LaBenz (Ariz St) 4:01.7; 6. Brian Kivlan (Manh) 4:02.5; 7. Chris Mason (Vill) 4:04.5; 8. John Lawson (P Coast) 4:06.8; 9. Dennis Savage (Westmont) 4:07.8; Jim Ryun (Kans) dnf.

HEATS (6/28, five qualify): I-1. Day 4:02.0; 2. Lawson 4:03.2; 3. Savage 4:03.3; 4. C. Mason 4:03.5; 5. Liquori 4:06.7... 8. Jim Crawford (Harding) 4:12.2. II-1. Kivlan 4:07.7; 2. Ryun 4:07.7; 3. J. Mason 4:08.2; 4. Bair 4:08.8; 5. LaBenz 4:09.1; 6. Jose Neri (Mex) 4:09.7; 7. Tom Von Ruden (Ft Mac) 4:11.5.

THREE MILE RUN

The three-mile provided a fitting climax to the running events, as Tracy Smith and Gerry Lindgren waged an interesting struggle well ahead of the pack. Times were good, even considering the suffocating humidity and heat which still lingered oppressively at 6:00 p.m. starting time. For some reason, the sprinkler system, which lay in pieces around the track, was not used to cool the athletes as it had been planned.

The early pace was claimed by several, through a 4:31.7 mile, before Lindgren and Smith moved to the fore after 4½ laps. Mexico's Mario Perez fought back to separate the two for two laps before Smith picked up the pace at seven laps, reached in 7:52.0 with Lindgren a yard behind. Two Mexicans and two Canadian Olympians trailed. Prep Steve Prefontaine had moved to seventh.

After a series of 67-plus laps, Smith completed the seventh and eighth go-arounds in 66.7 and 65.6 for an 8:57.6 two-mile reading. And by now, Smith had put five yards between himself and Lindgren, which he lengthened to seven with a lap of 66.1 but lost despite a 65.1 to Lindgren at 10 laps.

Lindgren slowed the pace drastically, to 70.0, and Smith kept on little Gerry's heels. With a furlong to go, Lindgren held a half-yard edge on Smith, who was running directly behind. By the top of the curve, Lindgren picked it up and moved ahead by three yards coming off the curve. In the meantime, Prefontaine was making a brilliant last lap drive.

Gerry increased the margin to five yards about 80 yards from the tape. Suddenly, 40 yards from the finish and at the finish line for the sprints, he let up--apparently because he misjudged the end though he says, "It was my fault. I faded." Tracy, who must certainly have given up hope of winning, charged back and nipped Gerry as both were credited with the US best time of 13:18.4.

Gerry, whose problem stomach and injured achilles tendon appeared okay for a change, said, "It sure feels great to be running well again." Smith volunteered, "I couldn't believe it in the stretch. I thought he had me for sure."

Martinez, a valiant six-mile runner-up who elected to stay off the pace, maintained his third position of half the race for a 13:35.6 third. Prefontaine exploded past Mario Perez on the homestretch to finish as the third American. Only Lindgren and Rick Riley ran faster as preps than the Oregon high schooler's 13:43.0, which he used to beat three sub-13:30 runners and Canadian Olympians Bob Finlay and Norm Trerise. (Dick Drake)

RESULTS (6/29): 1. Tracy Smith (Ft Mac) 13:18.4; 2. Gerry Lindgren 13:18.4; 3. Juan Martinez (Mex) 13:35.6; 4. Steve Prefontaine (Marshfield HS, Coos Bay, Ore) 13:43.0; 5. Mario Perez (Mex) 13:44.4; 6. Jerry Jobski (Ariz St) 13:47.2; 7. Garth McKay (GSB) 13:56.2; 8. Norm Trerise (Ore) 14:07.6; 9. Bob Finlay (Tor OC) 14:08.0; 10. Art Coolidge (Kent St) 14:10.2; 11. John Collet (DePaul) 14:10.8; 12. Tarry Harrison (Colo St) 14:18.8; 13. Juan Perez (Costa Rica) 14:36.6; Dick Buerkle (Vill) dnf.

SIX MILE RUN

Disaster was predicted for this race, but it turned out to be a classic foot race between two of the world's best.

Heat, humidity, and the burning rays of a subtropical sun threatened the runners at the scheduled 5:30 starting time. Then wiser heads prevailed upon reluctant officials and the race started at 7:37 p.m. At that hour, the shadow of the west bank of stands covered two-thirds of the homestretch and one-third of the backstretch. By luck, the day was cooler and less humid than the previous days. By the time the race ended the entire stadium was in the shade.

Jerry Jobski started at a fast pace and led by 30-yards after three laps, but after a 4:32.2 mile he dropped out, leaving the pace chore to Tom Hoffman.

At seven laps, Hoffman began to fall behind and the lead was taken by

GERRY LINDGREN's (right) "second finish" in the AAU three-mile wasn't as pleasing as his first. Forty yards before this picture of the actual ending, Gerry was leading at what he thought was the finish line. Once he realized his error, he was trailing TRACY SMITH and it was too late to change that situation. Both ran 13:18.4. (Photo by Jeff Johnson)



skinny, 6'6½" Jack Bachelier, an entomologist who lives and trains in Florida. Bachelier passed two-miles in 9:16.8, running with a slow, high knee action which makes him appear as if he's not trying very hard.

By contrast, the only man to challenge Bachelier by following his pace was Mexico's double Olympic place-winner Juan Martinez, about a foot shorter than Bachelier.

At three-miles in 13:56.6, Hoffman was 16 seconds behind the two internationalists and the great duel was half over. Bachelier had been running 70-second laps. Now he slowed to 71, but Martinez let him go. At four-miles in 18:41.6, Bachelier led by 25-yards and a lap later his lead was 30-yards.

But Martinez is a gallant runner, tested against the best, and he has not yet learned the meaning of quit. As Bachelier's pace slowed to 72½, Martinez began to gain. Bachelier reached five-miles in 23:13.0 and Martinez in 23:14.4. A lap later the little Mexican was only eight yards back and he closed the gap on the backstretch.

With two laps to go, Martinez pulled alongside Bachelier and stayed there for 50-yards, running easily. If he had gone ahead at that point, Bachelier would have let him go, but he was content with a 77.2 lap, counting on his kick, and Bachelier stayed on his heels.

At the gun, Martinez began one of the greatest drives in distance running history. He ran the next 220 in 28.5 and Bachelier loped along on his heels.

Martinez ran his last 220 in 27.7 for the last lap of 56.2, one of the fastest on record, faster than any Olympic finish. Bachelier held on until they reached the homestretch. Then, with 70-yards to go, Bachelier forged past to win by almost three-yards in 28:12.2. His last 220 was in 27 flat.

Ken Moore ran with Doug Wiebe most of the way. They caught Hoffman at 13 laps. Six laps later, NCAA champion Frank Shorter joined the second division. Then Wiebe began to lose contact. With two laps to go, Shorter and Moore increased the pace. Then Moore ran away from Shorter. He took third place by 30-yards with a hard sprint finish. (Cordner Nelson)

RESULTS (6/28): 1. Jack Bachelier (Fla TC) 28:12.2; 2. Juan Martinez (Mex) 28:12.6; 3. Ken Moore (Ft Mac) 28:46.4; 4. Frank Shorter (Yale) 28:52.0; 5. Tom Hoffman (Whitewater St) 29:00.6; 6. Doug Wiebe (Ft Mac) 29:15.6; 7. Mario Perez (Mex) 29:37.6; 8. Art Coolidge (Kent St) 30:07.6; 9. Chuck Smead (Santa Paula HS, Cal) 30:22.4; 10. Dick Sharkey (Ft Mac) 30:26.8; 11. Fred Ritcherson (Salesian HS, Los Angeles, Cal) 30:51.6; 12. Jerry Tighe (Whitworth) 30:56.2; Jerry Jobski (Ariz St) dnf.

3000 METER STEEPLECHASE

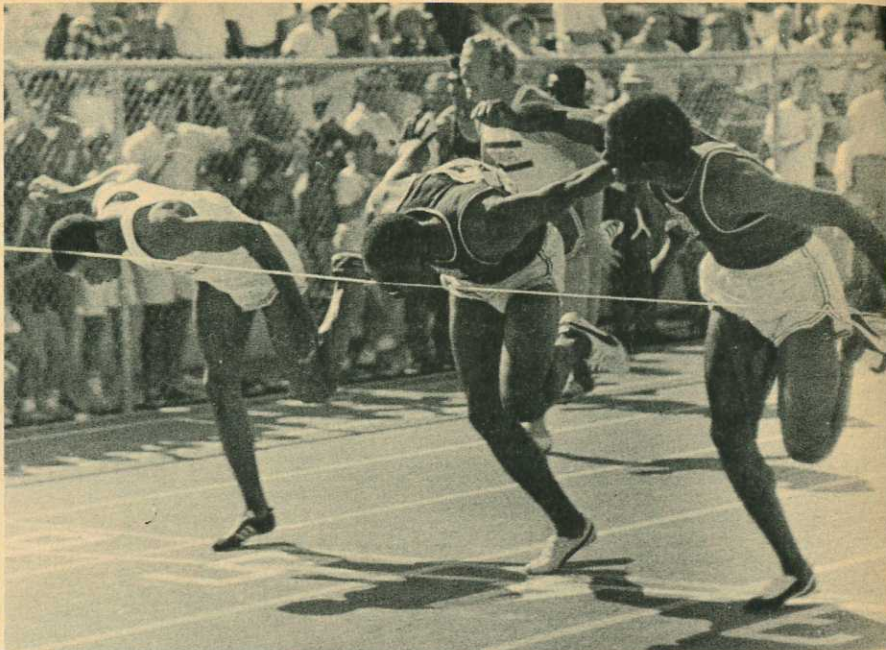
The steeplechase, according to several competitors, was a tough event, rough in the jostling sense and hard because of the heat and humidity. The water-barrier contest was held earlier than the other two distance events.

Two early leaders, Bill Norris for the first lap and Chris McCubbins for the next 2½, both suffered similar fates as they were pushed going over a barrier and retired injured--Norris at 3¾ laps and McCubbins at 5¾.

Mike Manley, who briefly stole the lead from McCubbins in the early going, moved ahead by the completion of the fourth lap. He was trailed by Bob Price, Conrad Nightingale and Barry Brown--the nation's time leader. Bill Reilly, in training for only six weeks, was moving up. By five laps, Price was in the lead, ahead of Manley and Brown slightly, and 12 ahead of Nightingale. The trio was still in close company at six laps. With about a lap and a half remaining, Manley began picking up ground on Price at the hurdles, especially the water jump. With a lap to go, Manley had three on Price but the newly wed of two weeks is a fierce kicker. But Price didn't have the hurdling technique and lost by 1.2 seconds to Manley's 8:36.6. Brown faded badly to 8:49.0. But the first two here assumed the US leadership for 1969 and Manley's mark represented a 2.4 second improvement. Reilly's 8:54.2 was quite impressive under the circumstances.



MIKE MANLEY (left) and BOB PRICE tore themselves away from the rest of the AAU steeplechase pack early but never got far from each other. Manley won it with his best-ever 8:36.6, with Price pushing him closely at 8:37.8. (Photo by Don Chadez)



Never was there a faster, closer three-man hurdle finish. ERV HALL (left), WILLIE DAVENPORT (center) and LEON COLEMAN are all hitting 13.3 in the AAU final. Coleman thought he won. Officials couldn't pick a winner so gave him and Davenport a tie, placing Hall third. GARY POWER received 13.5 for fifth behind non-pictured Richmond Flowers. (Don Chadez)

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Despite his fast time, Manley said, "I wasn't thinking of the time. I felt bad with about 280 to go but after the last jump I dropped my arms and felt better." Jim Barkley, Oregon State's NCAA champ, did not show. (Dick Drake)

RESULTS (6/29): 1. Mike Manley (Strid) 8:36.6; 2. Bob Price (Athens) 8:37.8; 3. Barry Brown (NYAC) 8:49.0; 4. Bill Reilly (USMC) 8:54.2; 5. Antonio Villanueva (Mex) 8:54.2; 6. Tom Donnelly (Vill) 8:55.4; 7. Steve Savage (Ore) 8:56.2; 8. Conrad Nightingale 9:02.6; 9. Sid Sink (B Green St) 9:09.2; 10. Ron Pettigrew (Pepperdine) 9:17.8; Chris McCubbins (Ft Sam Houston), Bill Norris (Ft Mac) dnf.

120 YARD HIGH HURDLES

The high hurdle final was probably the fastest three-man finish in history, one of the closest ever, and the race was the best since the Olympics and ran true to recent pattern.

The field, as with most events, scratched down sufficiently before noon Saturday to eliminate the necessity of two preliminary rounds. Sixteen were entered, and no world class hurdler was eliminated as the two semis whittled the number by half.

The eight-man final was chock full of talent, but the US's top four hurdlers were assigned by lot to adjoining lanes two through five: Richmond Flowers, Leon Coleman, Willie Davenport and Erv Hall. In lane one was Tom White, and in six on out were Gary Power, George Carty and Dale Frederick. The hurdlers came up three times, twice because of the starter, before the race got off.

All were out roughly equally but Coleman assumed the first advantage between the first two hurdles. Hall came on by the fourth, and Davenport had caught them both by the sixth. Flowers was running a plainly visible fourth. The first three each surged slightly, and Davenport held a slight edge on Coleman over the 10th hurdle. Hall probably moved the quickest of all but it was Coleman's burst that was most apparent as he appeared to catch and nip Davenport at the tape.

Coleman thought he had won as well, as he grabbed the victory string and held it up as in a victory gesture. But the phototimer was consulted and revealed something else.

All three had leaned desperately, with Coleman's head ahead. But only the torso minus the neck and head count in AAU and IAAF competition now. And the picture revealed that their chests were dead even. Both were awarded 13.3. Hall, who was only inches back, originally was given 13.5 as were Flowers and Power. Hall's time was later changed to 13.3. There is no way that Flowers and Power could have had the same time, though the phototimer is not available at presstime. Davenport has now won 28 outright, tied one and lost once in his last 30 races. (Dick Drake)

RESULTS (6/28, 1.42mph wind): 1. Leon Coleman (Strid) & Willie Davenport (H Strid) 13.3MR; 3. Erv Hall (Vill) 13.3MR; 4. Richmond Flowers (Tenn) 13.5; 5. Gary Power (Strid) 13.5; 6. George Carty (San Jose St) 13.7; 7. Tom White (Strid) 13.7; 8. Dale Frederick (Ft Mac) 13.8.

HEATS (6/28, four qualify): I (into 4.02mph wind)-1. Hall & Power 13.6; 3. Flowers 13.7; 4. White 13.7; 5. Herm Franklin (Sn Cal) nt; 6. Mike Kelly (Fla St) nt; 7. Pat Pomphrey (USAF) nt; 8. Bob Daniels (Tex A&I) nt. II (into 3.55mph wind)-1. Davenport 13.4; 2. Coleman 13.5; 3. Carty 13.7; 4. Frederick 13.9; 5. Thomas Hill (Ark St U) & Paul Kerry (Strid) nt; 7. Al Rockwell (USAF) nt; 8. Brian Polkinghorne (P Coast) nt.

440 YARD INTERMEDIATE HURDLES

The intermediate hurdles didn't live up to expectations or potential, particularly after last year's incredible performances and the encouraging results

of the NCAA. Out-of-condition Geoff Vanderstock, skin-headed and in the middle of basic training, finished seventh in 53.7. Ron Whitney, two-time defending champ, apparently was having more blood problems, tripped on the last hurdle while running last in the final and did not finish. America's third Olympic representative Boyd Gittins went home from the NCAA with a big bandaged foot. Also missing were surprise NCAA second placer Wes Williams and last year's prep sensation Bob Bornkessel.

There were no personal records in the heats or finals. The field scratched down to 14 contestants for the trials. Under the circumstances, Vanderstock's 50.7 win and trials leading time was most impressive in the first round that saw San Jose State's Larry Walls again disqualified, as he had been in the NCAA, for dragging his leg around a hurdle. In the other heat, Carl Wood won in 50.8 as David Adkins, the Interservice champ, closed well down the stretch. Whitney held off Russ Rogers for the fourth spot, 51.2 to 51.3.

The start of the final was marred by three combination false starts/starts/goofs. By the third hurdle, only Adkins spoiled a perfect line as he held a slight lead. Then Whitney began falling back. By the 220, Ralph Mann had moved into second and Vanderstock was in good position. Coming off the seventh barrier, Wood was taking the lead from Adkins as Mann continued to press. Mann resurged to overtake Wood and Adkins for the 50.1 victory. Nick Lee, running only his fifth race of the season, closed fastest of all for his 50.3 second. Wood slipped back to 50.6 as did Adkins to 50.8. (Dick Drake)

RESULTS (6/29): 1. Ralph Mann (BYU) 50.1; 2. Nick Lee (Balt OC) 50.3; 3. Carl Wood (Richmond) 50.6; 4. Dave Adkins (Ft Mac) 50.8; 5. Gary Knoke (Ore) 50.9; 6. Paddy McCrary (Athens) 51.2; 7. Geoff Vanderstock (Ft Mac) 53.7; Ron Whitney (Strid) dnf.

HEATS (6/28, four qualify): I-1. Vanderstock 50.7; 2. Mann 50.9; 3. Lee 51.0; 4. Knoke 51.0; 5. Mike Kelly (Fla St) 51.3; 6. Val Schierling (US Navy) 52.5; Larry Walls (San Jose St) 50.9, disqualified. II-1. Wood 50.8; 2. Adkins 50.9; 3. McCrary 51.0; 4. Whitney 51.2; 5. Russ Rogers (GSB) 51.3; 6. Jerry Fannin (Fla) 51.3; 7. John Hanley (Rutgers) 52.2.

HIGH JUMP

Otis Burrell didn't win the AAU or make the US Olympic team last year, and in some respects he seems a forgotten athlete in these days of the Fosbury Flop and 7'3" prep jumpers. But here, almost unnoticed, he continued an unbeaten 1969 season and claimed his fourth national title in five years. And the competition included his toughest four adversaries, including the three US representatives at Mexico City plus a host state favorite son of considerable talent.

Otis claimed the crown on consistency and highest height. He had first leap clearances at 6'8", 6'10", 7'0" and 7'1" before missing thrice at 7'2 $\frac{1}{2}$ ". Burrell, who leaped a best-ever 7'2 $\frac{1}{2}$ " earlier this year, said, "I was tight, and wasn't jumping well here."

By current standards, the others in the field weren't jumping up to par either. No one else cleared 7'1". Several voiced complaint of the hard Grass-text take-off, and the next places went to the most consistent leapers.

As usual, Dick Fosbury wowed the fans--many of whom had never seen his backward diving. But he had a hurting leg, and he passed his final attempt at 7'1" as he was already trailing on the countback rule to Burrell but was ahead of the others. His first leap make at 7'0" gave him the edge on high school graduate Reynaldo Brown and Florida's Ron Jourdan. Olympic silver medalist Ed Caruthers, who had reportedly signed a pro football contract prior to the meet and also hadn't made the 6'11" qualifying standard, finished seventh at 6'10". Missing from the action were 7-footers Lorenzo Allen, Fernando Abuggattas and Chris Celion--all collegians. (Dick Drake)

RESULTS (6/29): 1. Otis Burrell (Strid) 7'1"; 2. Dick Fosbury (Ore St) 7'0"; 3. Reynaldo Brown (Compton HS, Cal) 7'0"; 4. Ron Jourdan (Fla) 7'0";

5. Clarence Johnson (Cal) & Ray McGill (Kans St) 6'10"; 7. Ed Caruthers (P Coast) 6'10"; 8. Mike Bowers (Ann Arbor TC) 6'10"; 9. Ed Hanks (SDTC), John Gilder (US Army) & Gary Hines (USAF) 6'8"; 12. Bill McClellan (Sn) 6'8"; Willie Crawford (USAF), Jim Voss (Wash St) & John Wedel (Ariz) nh.

POLE VAULT

Winning is still important, but the name of the vault these days is 18-feet. All the energies of the top competitors are directed at the lofty barrier. And if it weren't for the extra $\frac{3}{4}$ " officials added to the 18-feet, Bob Seagren would probably have achieved the distinction he has sought all season. It was that close, and it appeared a near perfect vault. The bar didn't fall off until he had fallen back down the two story height. He had brushed it off with his hand.

It is likely that Bob is also aiming for the metric barrier of 5.50, and when the bar was replaced for a second attempt it was set exactly at that height (18 $\frac{1}{2}$ "). And he had another good try, getting good height again, but knocking the bar off going down. His third try, at an unspecified height at least 18-feet, wasn't close.

In spite of his dream, Bob continues to vault well at lower heights. He passed 15'6", 16'0" and 16'6" but slithered over 17'0" and 17'6" on his first trials. No one else got higher than 17'0", and so he passed the assigned 17'8". It was his fifth straight meet at 17'6" or higher and 10th in a row over 17-feet, making him a much more consistent vaulter over previous years and even earlier this year.

More than 2000 of the 8800 spectators remained to watch the big attempts. As it was, his 17'6" win was significant considering the bad wind conditions, the sticky heat and a sore stomach. He was clearly disappointed after his third attempt, and admitted later, "I felt I was way over (on his first jump). I don't know what I hit the bar with--my arm, I guess."

The first three places resulted in the same order as the final US Olympic Trials in September. John Pennel, who had regained the world record he lost in 1967 with a 17'10 $\frac{3}{4}$ " vault last week, edged prep graduate Casey Carrigan. Both cleared 17'0" on their second attempt, but Pennel required one less try at 16'6"--their initial height.

Only two other vaulters could negotiate 16'6", UCLA's Jon Vaughn nipping prep sensation Robert Pullard. As in the NCAA, 16'0" placed--a mark which close to 50 US vaulters have topped this year. Only 14 showed. Missing was Dick Railsback, who left before the AAU to Sweden to be with his bride-to-be and compete. The same weekend as this meet, the former teammate of Vaughn hit 17'7". (Dick Drake)

RESULTS (6/28): 1. Bob Seagren (Sn Cal) 17'6"; 2. John Pennel (Strid) 17'0"; 3. Casey Carrigan (Orting HS, Wash) 17'0"; 4. Jon Vaughn (UCLA) 16'6"; 5. Bob Pullard (Los Angeles HS, Cal) 16'6"; 6. Les Smith (Miami/O) 16'0"; 7. Mike Hanna (UCTC) 16'0"; 8. Peter Chen (Spts Intl) 16'0"; 9. Steve Smith (S Torrance HS, Cal) 15'6"; 10. Chuck Wiley (H Strid) 15'6"; Andy Steben (Oxy), Paul Heglar (El Paso) nh.

LONG JUMP

The long jump runway, running parallel to the track, was situated between the judges' stand and the finish line of the 100 and highs, yet it was not roped off in any way. With three rounds of the 100 and two of the hurdles being run during the long jump competition, several dozen officials were circulating within a step of the runway most of the time.

The jumpers took all three of their trial jumps in flights and some suffered more from all the confusion than others. Several of them looked like broken-field runners as they weaved down the runway dodging orange-hatted officials on one or more of their jumps. Others, jumping between races or while the other finish line was in use, had a real advantage.

At the start of the finals, Bob Beamon led with 26'1 $\frac{1}{2}$ ", followed by Jerry Proctor 25'8 $\frac{1}{2}$ ", Phil Shinnick 25'7 $\frac{1}{2}$ ", Henry Hines 25'5 $\frac{1}{2}$ ", Don Robinson of Wayne State 25'3", Stan Whitley 25'2 $\frac{1}{2}$ " and Stan Royster 25'1 $\frac{3}{4}$ ". Failing to qualify were ex-Olympian Gayle Hopkins, Darrell Horn and collegians Marion Anderson and

Henry Jackson, with Horn being closest at 24'8 $\frac{3}{4}$ ". Charley Mays withdrew after feeling a muscle twinge while warming up. Norm Tate, the indoor champion, had one poor jump and two fouls. Shinnick, though qualifying, got a leg cramp and passed his last four jumps. In the fourth round, Whitley moved from sixth to second with 26'3 $\frac{1}{2}$ ". Beamon fouled, but on his next jump the Olympic champion sailed 26'11" (off his "wrong"--left-foot yet) for a commanding lead. Proctor, the newly crowned NCAA champion who says he hopes to jump 30-feet someday, rallied with a leap of 26'2", and Whitley had one of 26'4 $\frac{1}{2}$ ", but that was as close as anyone came to Beamon.

Just for the record, the pit was illegal. The sand in the pit extended close to the edge of the takeoff board, although the rule specifies that the pit should be gin no closer than 3'3" from the board. I don't know the reason for the rule, but I think the AAU should enforce it in its own championships. (Jim Dunaway)

RESULTS (6/28): 1. Bob Beamon (Seafarers) 26'11"/1.18mph wind (26'1 $\frac{1}{2}$ ", f, p, f, 26'11", p); 2. Stan Whitley (Kans) 26'4 $\frac{1}{2}$ " / 3.55mph (24'11 $\frac{3}{4}$ ", 24'10 $\frac{3}{4}$ ", 25'2 $\frac{1}{2}$ ", 26'3 $\frac{1}{2}$ " w, p, 26'4 $\frac{1}{2}$ "); 3. Jerry Proctor (Redlands) 26'2" / 2.37mph (25'8 $\frac{1}{2}$ ", p, 25'4 $\frac{1}{4}$ ", 25'7 $\frac{1}{2}$ ", 24'11 $\frac{1}{4}$ ", 26'2"); 4. Phil Shinnick (USAF) 25'7 $\frac{1}{2}$ " / 2.37mph; 5. Henry Hines (Sacramento CC) 25'7" / into 0.47; 6. Stan Royster (Athens) 25'7" / 0.0; 7. Don Robinson (Wayne St) 25'3" / 0.0; 8. Darrell Horn (Athens) 24'8 $\frac{3}{4}$ " / 0.0; 9. Henry Jackson (Wn Ky) 24'8 $\frac{3}{4}$ " / into 3.05; 10. Gayle Hopkins (P Coast) 24'7 $\frac{3}{4}$ " / 4.02... 15. Marion Anderson (San Jose St) 24'1"; 16. Norm Tate (NYPC) 23'7 $\frac{1}{2}$ ".

TRIPLE JUMP

The triple jump may have been the least observed field event of the meet, as it started after the hot finals began on Sunday and didn't finish until nearly 40 minutes after the last three-miler streamed home. And the competition lacked the excitement of last year's surge of strength as Art Walker and foreigners Pertti Pouti and Lennox Burgher were missing and marks were generally down.

That is, aside from the winner. John Craft, who went through four years at Eastern Illinois a virtual unknown until he triple hopped 53'9" at the NCAA College Division to move to fourth all-time on the US list, came through in superlative fashion--responding to challenges with improvements in all but his fourth jump. While he led the nation markwise, he had placed only third in the NCAA and was a novice to the big-time in the face of Olympic silver medalist Nelson Prudencio of Brazil and American Olympians Dave Smith and Norm Tate.

Craft's first effort was a creditable 50'8 $\frac{3}{4}$ " but it put him fourth and a goodly distance behind Tate's 52'6 $\frac{1}{4}$ " and Prudencio's 52'1 $\frac{1}{2}$ "--upon which they never improved, resulting in eventual second and fourth places.

In the second round, Craft went 50'9 $\frac{1}{4}$ " but it was still well behind Tate's second best mark of 52'3". In his next two jumps, he went 51'7 $\frac{1}{2}$ " and 51'3"--each better than any mark in their respective rounds. He was still third.

Then in the fifth frame, Craft reached 52'1 $\frac{1}{2}$ "--a quarter-inch better than the 52'1 $\frac{1}{2}$ " posted by Prudencio. As it developed, Darrell Horn got off an identical 52'1 $\frac{1}{2}$ " in the sixth round but got third place with a better second mark than Prudencio's. Apparently a quarter-inch victory wasn't going to satisfy Craft as he improved to 52'9 $\frac{3}{4}$ " on his last jump to put his title on ice.

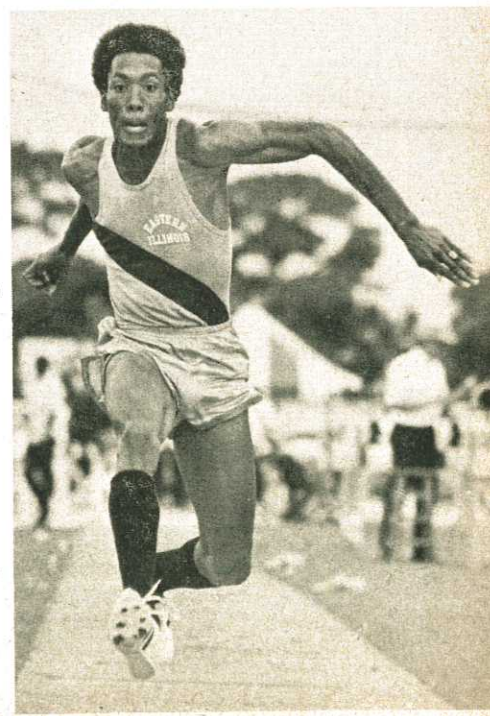
Dave Smith finished 14th with a best of 49'4 $\frac{3}{4}$ ". The breezes were gentle throughout, never exceeding 3.55 in either direction--though most were adverse wind readings. (Dick Drake)

RESULTS (6/29, wind ok on all jumps): 1. John Craft (En Ill) 52'9 $\frac{1}{4}$ " (50'8 $\frac{3}{4}$ ", 50'9 $\frac{1}{4}$ ", 51'7 $\frac{1}{2}$ ", 51'3", 52'1 $\frac{1}{2}$ ", 52'9 $\frac{3}{4}$ "); 2. Norm Tate (NYPC) 52'6 $\frac{1}{4}$ " (52'6 $\frac{1}{4}$ ", 52'3", f, f, 49'11 $\frac{1}{2}$ ", 51'6"); 3. Darrell Horn (Athens) 52'1 $\frac{1}{2}$ " (f, 50'7 $\frac{1}{2}$ ", 51'7 $\frac{1}{4}$ ", 51'3", 50'8", 52'1 $\frac{1}{2}$ "); 4. Nelson Prudencio (Brazil) 52'1 $\frac{1}{2}$ " (52'1 $\frac{1}{2}$ ", 50'6", f, 50'11 $\frac{1}{4}$ ", 49'10", f); 5. Milan Tiff (Cleve Strid) 51'2 $\frac{3}{4}$ "; 6. Mohinder Singh (Cal Poly/SLO/F) 51'0"; 7. Henry Jackson (Wn Ky) 50'10 $\frac{3}{4}$ "; 8. Lincoln Jackson (Athens) 50'7 $\frac{1}{4}$ "; 9. John Vernon 50'1 $\frac{3}{4}$ "; 10. Zack Gillon (Peekskill HS, NY) 50'1"; 11. Robert Reader (Bakersfield JC) 50'3 $\frac{1}{4}$ "; 12. Barrie Johnson (Wash St) 49'11 $\frac{1}{2}$ "; 13. Clarence Robinson 49'10"; 14. Dave Smith (P Coast) 49'4 $\frac{3}{4}$ ".



LEFT: Oh, so close. BOB SEAGREN gets everything over the bar at 18 $\frac{3}{4}$ " except the left fist which is about to wreck his world record attempt. The hand brushed off the bar on Seagren's first try at the unreachable height. He'd won the AAU competition at 17'6". (Photo by Don Chadez)

RIGHT: JOHN CRAFT, the young man who has moved in admirably to fill a void in US triple jumping, again showed his new-found class at the AAU meet. He won at 52'9 $\frac{1}{4}$ " A week earlier at the NCAA, he had placed only third but was the first American--a spot he has solid claim on with a nation-leading 53'9" jump and a national title. (Photo by Jeff Johnson)



AAU CHAMPIONSHIPS

Randy Matson had retired for the season after a minor operation on his throwing hand and he was not at his best. But a sudden comeback two weeks ago resulted in two puts of 66'7 $\frac{1}{2}$ " and he became a threat to defend his string of three straight AAU victories.

Neal Steinhauer, however, has been putting better than ever after his early-season injury, and he opened with 66'1". Matson came back with 66'6 $\frac{1}{2}$ " and led until Steinhauer's fifth throw broke ground at 67'4". Matson reached only 65'11" on his fifth.

As Matson prepared for his last put, an official told him to wait until the 100 started nearby. They did not want a loud grunt to disturb the sprinters. His self-psychoing upset, Matson put only 64'4 $\frac{1}{4}$ " and Steinhauer had won his first championship.

Karl Salb moved to third with 63'9" on his third put and he reached 65'3 $\frac{1}{2}$ " on his fourth. Brian Oldfield was unusually consistent. After his 62'8" opening put, his next five were between 61'1 $\frac{1}{2}$ " and 62'2 $\frac{1}{4}$ ". Left-hander Bruce Wilhelm only qualified on his third attempt, but it went 62'4", enough to beat his little brother, Steve, for fifth place by 2 $\frac{1}{2}$ inches. (Cordner Nelson)

RESULTS (6/28): 1. Neal Steinhauer (Ft Mac) 67'4" (66'1", 65'6", f, f, 67'4", 65'8"); 2. Randy Matson (Hous Strid) 66'6 $\frac{1}{2}$ " (62'10", 66'6 $\frac{1}{2}$ ", 63'1", 61'1 $\frac{1}{2}$ ", 65'11", 64'4 $\frac{1}{4}$ "); 3. Karl Salb (Kans) 65'3 $\frac{1}{2}$ " (60'9", 59'8 $\frac{1}{2}$ ", 63'9", 65'3 $\frac{1}{2}$ ", 61'10", 63'4 $\frac{1}{2}$ "); 4. Brian Oldfield (UCTC) 62'8"; 5. Bruce Wilhelm (Athens) 62'4"; 6. Steve Wilhelm (Kans) 62'1 $\frac{1}{2}$ "; 7. Ernie Hearon (Spts Intl) 60'11 $\frac{1}{4}$ "; 8. Carl Wallin (Ft Mac) 60'8"; 9. John Hubbell (Wash) 60'7"; 10. Mark Ostoich (UCLA) 59'0"; 11. Richard Marks (San Jose St) 58'9 $\frac{1}{2}$ "; 12. Andy Kenney (NEn) 58'4 $\frac{3}{4}$ "; 13. Steve Marcus (UCLA) 56'5 $\frac{1}{4}$ "; Tom Colich (Sn Cal) nm.

DISCUS THROW

The US has depth galore in the discus--this year as in the recent past. Some of them win occasionally, usually special Long Beach all-comer competitions when the pressure is off, and reach 195-feet were some regularity. But the important titles in the past decade have been reserved for only a select crew.

This year was different. Twenty-six-year-old Jon Cole had never placed higher than his 1966 AAU finish of 11th and didn't compete in 1967 and 68 because of injuries. His best was 205'7", but the best indicator that he had any chance of winning came two weeks earlier at the Hayward Invitational where he topped Gary Carlsen and Ludvik Danek with a 198'5" effort.

Cole is a nut on the discus, and he takes his training seriously. The adrenalin was pumping hard as he connected on a 195'2" throw on the first round to put him in the lead. He led by two-feet, hardly an indication of appreciation by the other competitors of the cooler, overcast weather with moderately favorable breezes which blessed the noon-time competition.

Cole fouled his second toss, and Jay Silvester moved into the lead with a 200'11" effort after a first round foul. Carlsen and Tim Vollmer improved, to 193'10" and 192'7". The former Arizona Stater still couldn't improve upon his first round mark, and he slipped to fourth before the finals behind Carlsen's 204'11" and Vollmer's 196'7" as he managed 188'1". Of course, the trials were conducted in flights, four sections with two throws and then one later, and the interplay of competition was not to be as in the finals.

Cole improved to 195'10" but his position did not improve in the fourth round. In the fifth, before Cole's turn, Rich Drescher of Maryland improved his surprising first round toss of 193'1" with 193'10" for a PR by six-feet. Then came Cole's big effort. Normally a grunter anyway, Cole's grunt on his big throw could have startled incoming spectators in the parking lot. And it was worthy of the occasion, as his discus flew 208'10" for a meet record. Vollmer came within six inches of his previous best, and Carlsen and Silvester fouled to complete the round. Carlsen had pressed, and Silvester stepped over on a toss of about 207-feet. It was his fourth scratch.

Cole had a foul of about 203-feet on his final toss, and neither Carlsen nor Vollmer improved. Silvester was the final thrower with the last toss of the meet. And it was one full of drama. Only two chalk lines indicated distances, and the last was 196-feet. But the discus of Silvester had traveled to roughly the same area and apparently about the same distance as Cole's had in the fifth. Officials stretched their steel tape, twisted illegally as it had been throughout the event, as Silvester watched at the ring. They remeasured four times, and Silvester smiled each time. Not even when Silvester and Cole shook hands could people in the stands determine who had won before it was announced. Officials were measuring the event to the nearest lower quarter-inch, instead of the near inch, and thus the crowd was told that Silvester had lost by $\frac{1}{2}$ ".

Cole attributed his triumph to a "new routine" in training this past month, but didn't elaborate as to what this constituted. "I just relaxed and took advantage of the wind, and gave it all the pull I could."

It was a good competition, in spite of the absence of Al Oerter, NCAA champ John Van Reenen, Don Tollefson and Doug Knop. (Dick Drake)

RESULTS (6/29): 1. Jon Cole (P Coast) 208'10" MR (195'2", f, 188'1", 195'10", 208'10", f); 2. Jay Silvester (Cougar TC) 208'9" (f, 200'11", f, f, f, 208'9"); 3. Gary Carlsen (Strid) 204'11" (188'9", 193'10", 204'11", 196'6", f, 191'1"); 4. Tim Vollmer (Ore St) 196'1"; 5. Rich Drescher (Md) 193'10"; 6. Ed Kohler (Strid) 193'3"; 7. John Morton (Fla) 189'7"; 8. John Powell (San Jose St) 187'11"; 9. Bill Neville (Strid) 184'4"; 10. Dave Weill (Athens) 184'0"; 11. Larry Kennedy (Athens) 182'6"; 12. Gary Ordway (P Coast) 180'10"; 13. Stan McDonald (Ft Mac) 177'6".

HAMMER THROW

Four-time Olympian Hal Connolly, making his last comeback, threw 222'9", but it was not good enough to beat two younger men who improved to personal records.

Tom Gage, throwing in the second flight, spun the 16-lb. ball and chain 215'1", 221'6" and 228'5" to reach 14th on the world all-time list.

In the third flight, George Frenn, resplendent in yellow sweat pants and a red jersey over a white T-shirt, threw better than ever. He reached 222'5", 227'2" and 225'8", moving to 18th on the all-time list.

In the final, Frenn threw only 216'3 $\frac{1}{2}$ " and fouled twice. Gage threw 221'2", 224'4", and fouled.



That was quite a switch ROGER COLLINS pulled in the AAU meet. After placing only sixth in the NCAA javelin at 239'7", he turned loose a toss at Miami that glided 269'1"--his best by over 10 feet. That got him second place and a spot on the US international team. (Photo by Don Wilkinson)

Newly-improved Larry Hart of the US Army threw 211'8" on his third trial and 208'8" on his last. Veteran Al Hall could throw only 204'5" for fifth place. (Cordner Nelson)

RESULTS (6/28): 1. Tom Gage (NYAC) 228'5" (215'1", 221'6", 228'5", 221'2", 224'4", f); 2. George Frenn (P Coast) 227'2" (222'5", 227'2", 225'8", 216'3", f, f); 3. Hal Connolly (Strid) 222'9" (204'4", 222'9", 217'7", 211'6", f, 214'11"); 4. Larry Hart (Ft Mac) 211'8"; 5. Al Hall 204'5"; 6. Wayne Pangburn (Ft Mac) 200'8"; 7. Jim Pryde (SBAC) 197'3"; 8. Augie Zilincar (Shore AC) 189'8"; 9. Jack Panzica (Adelphi) 183'3"; 10. Tony Tenisci (Wash St F) 174'9"; 11. Roger Best (Bowdoin) 172'3"; DeWitt Davies (Dartmouth) nm.

JAVELIN THROW

If there was an event leader who less needed a qualifying round, it was Mark Murro. And the javelin was the only field event, because of its large field of 25 contestants, which necessitated the additional series of throws. The American record holder had injured his upper back-shoulder region so severely in the qualifying round at the NCAA meet that he was unable to practice all this intervening week.

Fortunately for Mark, he qualified on his first effort of 249'9". The former prep teammate of Marty Liquori took only two throws in the finals 3 $\frac{1}{2}$ hours later. The first measured 259'6", which would have placed him only fifth. But he hardly looked like an injured man on his second toss, of 284'3"--his second best mark ever and a meet record.

"I couldn't even lift my arm," said the 20-year-old of less than a month. "I don't know if it's a cracked muscle, a pull or what. But I couldn't believe I could throw that far the way I felt." He doesn't plan to compete this summer.

Roger Collins, Clemson variety, had a life-time best of 258'11" and placed only sixth in the NCAA at 239'7" but managed to get off a mighty 269'1" here for second place. This shunted normally consistent Frank Covelli, defending AAU champ, to third with his fourth round 262'4". (Dick Drake)

RESULTS (6/29): 1. Mark Murro (Ariz St) 284'3" MR (259'6", 284'3", p, p, p); 2. Roger Collins (Clemson) 269'1" (247'8", 232'7", 269'1", 226'2", 233'0", p); 3. Frank Covelli (P Coast) 262'4" (259'4", 248'11", 244'6", 262'4", f, 243'4"); 4. Milt Sonsky 261'1"; 5. Les Tipton (Ft Mac) 258'3"; 6. Larry Stuart (Strid) 253'11"; 7. John FutzSimons (P Coast) 249'6"; 8. Bill Skinner (Tenn) 249'0"; 9. Gary Stenlund (H Valley TC) 246'5"; 10. Dave Reiss (Md) 242'9".

QUALIFYING (6/29, 10 qualify): 1. Sonsky 259'10"; 2. Stuart 254'4"; 3. Collins 253'10"; 4. Stenlund 251'6"; 5. Murro 249'9"; 6. Skinner 247'8"; 7. Covelli 246'5"; 8. FutzSimons 246'1"; 9. Tipton 244'8"; 10. Reiss 243'4"; 11. John Tushaus (Ft Mac) 241'3"; 12. Bob Englestad (UCSB) 239'4"; 13. John Kaveny (Athens) 239'0"; 14. Mike Lyngstad (Mont) 238'3"; 15. Stu Hunnings (Wash St) 237'0"; 16. Don Fish (Ohio U); 17. Rouins (Mex) 235'6"; 18. Ben Laville (Strid) 234'11"; 19. Jim Stevenson (Strid) 233'4".

TWO MILE WALK

RESULTS (6/29): 1. Ron Laird (NYAC) 13:31.6 MR; 2. Jim Hanley (Strid) 14:13.0; 3. Steve Hayden (L Island AC) 14:21.8; 4. Ron Kulich (NYAC) 14:28.8; 5. Ron Daniel (NYAC) 15:10.8; 6. Bob Bowman (Strid) nt; Jose Oliveros (Mex) second in 13:38.4, disqualified.

TEAM CHAMPIONSHIPS

1. Striders 129; 2. Pacific Coast Club 49; 3. Athens 36; 4. New York AC 32; 5. Philadelphia PC 18; 6. Houston Striders 17; 7. Florida TC, Arizona State & Washington State 14; 10. Oregon State 12; 11. Eastern Illinois, Southern Illinois, United AA & Sports International 10; 15. Oregon TC, Murray State, William & Mary & New York PC 8.

World List

compiled by Roberto Quercentani

Listed are leading marks made by non-US athletes through July 2. This compilation does not include marks of non-Americans competing regularly in this country when marks were made here. (*=converted yard time)

100m: 10.1, Pablo Montes (Cuba); 10.2, Charles Asati (Ken), Heinz Erbostoser (EG), Paul Nash (So Afr), Zenon Nowosz (Pol), Hermes Ramierez (Cuba). **200m:** 20.5, Edwin Roberts (Trin); 20.6, Philippe Clerc (Switz), Peter Norman (Aus). **400m:** 45.6, Charles Asati (Ken); 45.8, Andrzej Badenski (Pol); 46.1, Jean-Claude Nallet (Fr); 46.2, Manuel Gayoso (Sp). **800m:** 1:46.0, Manfred Matuschewski (EG); 1:46.4, Dieter Fromm (EG); 1:46.6, Naftali Bon (Ken), *Ralph Doubell (Aus); 1:47.3, Francesco Arese (It); 1:47.9, Ivan Ivanov (SU).

1500m: 3:39.2, Jean Wadoux (Fr); 3:39.4, Jurgen May (WG); 3:39.8, Bernd Diessner (EG); 3:39.9, Francesco Arese (It); 3:40.6, Witold Baran (Pol); 3:41.4, Vladan Milosevic (Yug); 3:41.6, Gerard Colin (Fr); 3:41.9, Harald Norpoth (WG), Mikhail Zhelobovskiy (SU). **5 Mile:** 3:56.8, Ian McCafferty (GB); 3:57.3, Ian Stewart (GB); 3:58.7, Peter Stewart (GB); 3:59.2, John Whetton (GB); 3:59.6, Walter Wilkinson (GB). **5000m:** 13:36.8, Bernd Diessner (EG); 13:37.6, Ivan Shopsha (SU); 13:37.8, Werner Girke (WG); 13:38.0, Rashid Sharafutdinov (SU); 13:38.6, Ulrich Brugger (WG); 13:38.8, Vyacheslav Alanov (SU); 13:39.6, Ron Clarke (Aus); 13:40.4, Alan Blinston (GB); 13:40.6, Kerry O'Brien (Aus); 13:41.4, Noel Tijou (Fr); 13:41.8, Aleksandr Morozov (SU). **10,000m:** 28:06.8, Dick Taylor (27:10.2y*); 28:08.2, Jurgen Haase (EG); 28:13.8, Stepan Baidyuk (SU); 28:21.0, Ron Clarke (Aus); 28:24.4, Dave Bedford (GB); 28:28.8, Rene Jourdan (Fr); 28:33.8, Mike Tagg (GB); 28:36.8, Trevor Wright (GB); 28:40.8, Nikolay Dutov (SU); 28:41.8, John Caine (GB); 28:43.0, Kerry O'Brien (Aus); 28:46.4, Mike Freary (GB); 28:47.0, Henri Lapape (Fr). **3000mSt:** 8:35.0, Kerry O'Brien (Aus); 8:36.8, Vladimir Dudin (SU); 8:37.2, Georgiy Poluyanskiy (SU); 8:37.6, Viktor Kudinskiy (SU), Umberto Risi (It); 8:38.0, Lazar Naroditskiy (SU), Nikolay Zobov (SU); 8:38.2, Yuriy Ribachenko (SU); 8:39.0, Anatoliy Kuryan (SU), Mikhail Zhelev (Bulg); 8:39.6, Pavel Sisoyev (SU).

110mHH: 13.6, Gunter Nickel (WG), yEddy Ottoz (It), Werner Trzmiel (WG); 13.7, Guy Drut (Fr); 13.8, Viktor Balikhin (SU), Jean-Pierre Corval (Fr), Lubomir Nadenicek (Czech), Alan Pascoe (GB); 13.9, yDave Hemery (GB), Sergio Liani (It). **400mIH:** 49.9, Vyacheslav Skomorokhov (SU); 50.3, Roberto Frinolli (It); 50.5, Ballati (It); 50.6, Bill Hooker (Aus), Anatoliy Kazakov (SU), Rainer Schubert (WG), John Sherwood (GB); 50.8, Manfred Klausner (WG).

HJ: 7'1 $\frac{1}{2}$ ", Bo Jonsson (Swe), Rudi Koppen (EG), Kenneth Lundmark (Swe); 7'1 $\frac{1}{2}$ ", Valentin Gavrilo (SU), Anatoliy Moroz (SU); 7'1", Erminio Az-zaro (It), Rudolf Baudis (Czech), Viktor Bolshov (SU), Valeriy Skvortsov (SU); 7'1 $\frac{1}{2}$ ", Sergey Mospanov (SU), Hidehiko Tomizawa (Jap), Yevgeni Yordanov (SU). **PV:** 17'5", Wolfgang Nordwig (EG); 17'4 $\frac{3}{4}$ ", Renato Dionisi (It); 17'3 $\frac{3}{4}$ ", Chris Papanicolaou (Gre); 16'8 $\frac{3}{4}$ ", Joachim Bar (EG), Kyoichiro Inoue (Jap), Yuriy Isakov (SU); 16'6 $\frac{3}{4}$ ", Risto Ivanoff (Fin). **LJ:** 26'9 $\frac{1}{4}$ ", Jacques Pani (Fr); 26'4 $\frac{1}{2}$ ", Klaus Beer (EG); 26'1 $\frac{3}{4}$ ", Igor Ter-Ovanesyan (SU); 25'11 $\frac{1}{2}$ ", Tonu Lepik (SU); 25'11 $\frac{1}{4}$ ", Phil May (Aus). **Wind-aided:** 26'8 $\frac{1}{2}$ ", Lynn Davies (GB); 26'5 $\frac{3}{4}$ ", Klaus Beer (EG). **TJ:** 55'2 $\frac{1}{4}$ ", Phil May (Aus); 54'7 $\frac{1}{4}$ ", Jorg Drehmel (EG); 54'3", Mike McGrath (Aus); 53'11", Henrik Kalocsai (Hung); 53'10 $\frac{1}{2}$ ", Klaus Neumann (EG); 53'9 $\frac{1}{4}$ ", Carol Corbu (Rum); 53'7 $\frac{3}{4}$ ", Zoltan Cziffra (Hung); 53'7", Gennadiy Byessonov (SU), Serge Firca (Fr); 53'5 $\frac{3}{4}$ ", Nikolay Dudkin (SU).

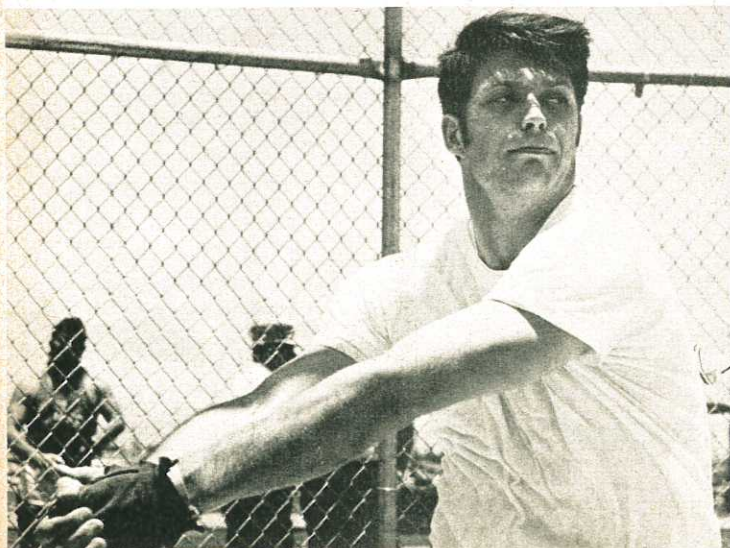
SP: 67'8 $\frac{1}{2}$ ", Hans-Peter Gies (EG); 67'2 $\frac{1}{2}$ ", Heinz-Joachim Rothenburg (EG); 66'11 $\frac{1}{4}$ ", Dieter Hoffman (EG); 64'11 $\frac{1}{2}$ ", Hartmut Briesenick (EG); 64'1 $\frac{1}{4}$ ", Arnjolt Beer (Fr); 63'8 $\frac{1}{2}$ ", Heinfried Birlebach (WG); 63'7 $\frac{3}{4}$ ", Ricky Bruch (Swe).

B'gosh and b'gory if Scotland's IAN MC CAFFERTY (5) didn't chalk up the second-fastest mile ever by a Briton with his 3:56.8 win over IAN STEWART (left), 3:57.3, and PETER STEWART (2), 3:58.7. The Stewarts thus became the first pair of brothers to dip under 4:00 in the same race. (Photo by Mark Shearman)



DT: 218'2", Ludvik Danek (Czech); 205'6", Lothar Milde (EG); 204'8", Ricky Bruch (Swe); 202'5", Ferenc Tegla (Hung); 200'3", Robin Tait (NZ); 199'5", Klaus-Peter Hennig (WG); 198'7 $\frac{1}{2}$ ", Gunter Schaumburg (EG); 197'11 $\frac{1}{2}$ ", Zenon Begier (Pol); 197'1 $\frac{1}{2}$ ", Edmund Piatkowski (Pol); 196'11", Geza Fejer (Hung). **HT:** 244'6", Romuald Klim (SU); 241'10 $\frac{1}{2}$ ", Anatoliy Shuplyakov (SU); 238'1 $\frac{1}{2}$ ", Gyula Zsvitokzy (Hung); 237'4 $\frac{1}{2}$ ", Anatoliy Bondarchuk (SU); 228'5", Reinhard Thieme (EG); 228'2 $\frac{1}{2}$ ", Uwe Beyer (WG); 227'6 $\frac{1}{2}$ ", Hans Fahsl (WG); 224'0", Lutz Caspers (WG); 223'10 $\frac{1}{2}$ ", Jacques Accambay (Fr); 223'5", Gunter Sasche (EG); 222'6", Walter Schmidt (WG); 222'3", Gennadiy Kondrashov (SU). **JT:** 304'1 $\frac{1}{2}$ ", Jorma Kinnunen (Fin); 287'8 $\frac{1}{2}$ ", Janis Lusis (SU); 285'5", Pauli Nevala (Fin); 276'6", Wladyslaw Nikiciuk (Pol); 275'2 $\frac{1}{2}$ ", Janis Donins (SU); 273'3 $\frac{1}{2}$ ", Manfred Stolle (EG); 272'10 $\frac{1}{2}$ ", Gergely Kulcsar (Hung); 267'2", Klaus Wolferrmann (WG); 263'11", Janusz Sidlo (Pol); 263'5 $\frac{1}{2}$ ", Arne Os (Nor). **Dec:** 8279, Joachim Kirst (EG); 8027, Rudiger Demmig (EG); 7982, Hans-Joachim Perk (WG); 7945, Nikolay Avilov (SU); 7872, Viktor Cheinokov (SU); 7813, Manfred Tiedtke (EG); 7768, Boris Tolmachov (SU); 7755, Lennart Hedmark (Swe); 7723, Gunter Grube (WG); 7719, Axel Richter (EG); 7697, Janis Lanka (SU); 7674, Toomas Berendsen (SU).

Track Briefs



TOM GAGE faced the cream of American hammer-throwers--namely Hal Connolly and George Frenn--at the AAU. It was only the third meet of the year for Gage, but he claimed his first-ever national title with a career record of 228'5"--ranking him third all-time among Americans. (Photo by Don Wilkinson)

Pole Vault World Record Progression

| (*)=not recognized; p=pending | | | |
|-------------------------------|----------------------|---------|--|
| 15'7 $\frac{3}{4}$ " | C. Warmerdam (US) | 5/23/42 | 16'8 $\frac{3}{4}$ " John Pennel (US) 7/13/63 |
| 15'8 $\frac{1}{4}$ " | Bob Gutowski (US) | 4/27/57 | 16'9" John Pennel (US) 7/26/63 |
| 15'9 $\frac{3}{4}$ "* | Bob Gutowski (US) | 6/15/57 | 16'10" John Pennel (US) 8/5/63 |
| 15'9 $\frac{1}{4}$ " | Don Bragg (US) | 7/2/60 | 17'3 $\frac{1}{4}$ " John Pennel (US) 8/24/63 |
| 15'10 $\frac{1}{4}$ " | George Davies (US) | 5/20/61 | 17'1" Fred Hansen (US) 6/5/64 |
| 16'3 $\frac{3}{4}$ " | John Uelses (US) | 3/31/62 | 17'2" Fred Hansen (US) 6/13/64 |
| 16'2" | Dave Tork (US) | 4/28/62 | 17'4" Fred Hansen (US) 7/25/64 |
| 16'2 $\frac{1}{2}$ " | Pentti Nikula (Fin) | 6/22/62 | 17'5 $\frac{1}{2}$ " Bob Seagren (US) 5/14/66 |
| 16'3" | John Pennel (US) | 3/23/63 | 17'5 $\frac{1}{2}$ " Bob Seagren (US) 7/2/66 |
| 16'4" | John Pennel (US) | 4/10/63 | 17'6 $\frac{3}{4}$ "* John Pennel (US) 7/12/66 |
| 16'5" | Brian Sternberg (US) | 4/27/63 | 17'6 $\frac{1}{4}$ " John Pennel (US) 7/23/66 |
| 16'6 $\frac{3}{4}$ " | John Pennel (US) | 4/30/63 | 17'7" Bob Seagren (US) 6/10/67 |
| 16'7" | Brian Sternberg (US) | 5/25/63 | 17'7 $\frac{3}{4}$ " Paul Wilson (US) 6/17/67 |
| 16'8" | Brian Sternberg (US) | 6/7/63 | 17'9" Bob Seagren (US) 9/12/68 |
| | | | 17'10 $\frac{1}{4}$ " p John Pennel (US) 6/21/69 |

Errata, Addenda

1. June I: Amendments to coaching changes listed in "On Your Marks"--Carl Wallin and Del Benjamin will be assistants to Ken Wienbol at Dartmouth; William Nedde, Jr., replaces Archie Post at Vermont; Willie Williams will go to Arizona as head coach instead of to Long Beach State.

2. June II: Richmond Flowers didn't run 13.3 at the Atlanta Classic. In fact, he didn't run there at all... The 52'1 $\frac{1}{4}$ " triple jump by Randy Smith (Buffalo State) at the NCAA College Division meet was windy, but all other leading marks were okay... US Report: Rick Sloan, 6'3 $\frac{1}{2}$ " and 192-lbs., has the same height-weight ratio at 2.64 as Gennadiy Bliznyetsov.

Spirit Clubs Vital

by Joe Henderson

"But what do you really get from belonging to a club that you couldn't have without it," someone asked me recently. Materially, I told him, my membership in the Marin Athletic Club provides the right to buy my own uniform, and fill in "Marin AC" rather than "unattached" on entry blanks to races my own dollar pays to enter and my own gas takes me to. As a group, we don't have enough operating capital to buy anything more than envelopes and stamps, we've never all been together at one time, and such things as coaches and a central meeting place don't exist--which doesn't matter much anyway since club members are scattered over most of northern California.

The Marin AC, though, like dozens of other running clubs around the world which operate on a shoestring, is real and serves a real need. The desire of folks with common interests to group together is universal, and track men who spend a good share of their time in lonely pursuit of their sport feel an added urge to join with like-thinking individuals. Even though we only see fellow Marin ACers at races, the club has given us a strong bond and sense of belonging. The club may only exist on paper and in our minds, but it exists.

Marin is typical of the small clubs that aren't particularly out to get national and world fame but are more concerned with providing competitive opportunities for anyone who's interested. Ability isn't a prerequisite. No one definition can fit the mixed bag of smaller clubs, but all seem to share certain general characteristics. In these groups you'll find an air of freedom and democracy all but unknown in the pressure-filled arena of college athletics. Club spirit involves voluntary effort, making do with what's available and pay-your-own-way aspects that are unusual in this era when "What's in it for me?" is an all-too-common question.

Jock Semple, a much-misunderstood man who's often viewed as a tyrant who throws young ladies off the Boston marathon course, is in his less harried moments a quite friendly Scot and one of the dedicated, energetic breed that makes clubs go. He has for years been in charge of the "almost 100% road racing" program of the Boston Athletic Association, a club founded in 1887. The former marathoner holds a loose rein over a fine stable of longer runners, including the old and the young Johnny Kelley.

"I never look upon myself as a coach in the accepted term," Semple said. "When I get young schoolboys or college grads, I try to steer them the right way and encourage them to love the sport. I tell them by keeping their noses to the grindstone they will improve and may even be stars and Olympic material. But first of all my doctrine is that the health and friendships derived from running are reward enough." Despite the Scottish ancestry that's still prominent in his speech, Jock doesn't seem overly concerned with finances. "Finances? There is just no such animal," he said. "In important races, we sometimes get a little help for gas money, but most of our runners are 'pure amateurs' and pay their own way everywhere and buy their own equipment. We used to have some funds available from the profits of the (Boston AA indoor) track meet, but they have dwindled owing to reduced attendance and increased cost." Jock isn't paid for the hours he donates to club matters, but he says, "This is no sacrifice to me, and although I sometimes envy those in jobs where this is a vocation rather than an avocation, I'm very happy trying to put something back into the sport that has been good to me."

In manner and appearance, Semple couldn't be less like Ted Haydon of the University of Chicago TC. Where Semple is hyper-active and short-tempered, white-haired Haydon gives a quiet and dignified grandfatherly image. But both share the single essential trait needed to keep club track alive. Both are strong, able and dedicated administrators.

Haydon, whose largely unrecognized efforts at promoting grass-roots track were finally rewarded last year when he was chosen as an assistant Olympic coach, started the UCTC in 1950. Taking on a task few college coaches are willing to, Haydon opened the University of Chicago's track facilities to non-students and provided this neglected segment of the track world with generous competitive chances. The only condition: Be willing to cooperate on paying the bills, and maybe scrimp a little.

The UCTC, as noted in the first article in this series, can serve as a model of what can be done when universities share their wealth. With minimum effort and expense, they can provide track for everyone, as the University of Chicago has done for almost 20 years. Haydon says, "We pride ourselves on the fact that we do no recruiting. Our members have come to us because they know we offer an opportunity for track and field participation that they are actively seeking for themselves. There may be instances where an especially shy athlete hesitates to seek membership, but we feel it is better to run this risk than to actively solicit members. We make no commitments as to what the club will do for members other than try to provide them with an opportunity to train and to compete at their proper level. About half our members train in the facilities of the University. The other members are scattered throughout the Chicago area and the state of Illinois and train in high school and college facilities near their homes. We do not discriminate on the basis of nationality, race, creed, color, age, athletic ability, education or economic status. The only screening procedure used is the inquiry, 'Are you actively interested in track and field competition?'"

Haydon goes on to satisfy the competitive urges of the dozens of athletes who come to the club. For his national and world class, such as Willie May, Phil Coleman, Brooks Johnson and Hal Higdon in the early 1960s and Brian Oldfield and Lowell Paul (the fastest man on the indoor US record holding two-mile relay team) now, Ted sees that they get to meets suitable with their ability. For the more pedestrian athletes who are the backbone of his and any other rather small club, the UCTC hosts year-round all-comers meets. Informality is the key. I recall meets in 1960 where May set up his own hurdles and we spindly steeplechasers had to drag the barriers onto the track before our race. No one minded. "We usually run a deficit on our own meet operations," Haydon said. "This could be overcome by running fewer meets and spending more time on organization and promotion, but instead we have deliberately chosen to concentrate on providing training and competitive opportunities. Our meets

The "Mutt and Jeff" of the AAU meet tangled in the six-mile. The tall one (whichever of the cartoon characters he was) is better known as JACK BACHELER, premier US long-distance man, who prevailed over shorter rival JUAN MARTINEZ of Mexico, 28:12.2 to 28:12.6. (Photo by Don Chadez)



characteristically have lots of athletes, few spectators, little fanfare, no ceremonies, no queens, no gimmicks. We usually are not sure which athletes will be there except our own. We pay no expenses to any athletes, and we have no advance commitments from any name athletes. This means that we can only supply very general information in advance to the press, and that we can't publicize specific athletes or events very much. But we can run a meet as often as once a week and draw fields of 150-250 athletes from a five or six-state area."

That sticky matter of money comes up again and again in the club discussion. No club ever completely solves this problem, but the UCTC has learned to live fairly comfortably with it without becoming a leach on the University's athletic budget. Haydon explains, "Our athletes, except the varsity, provide their own equipment, including uniform, track shoes and sweat suit. We have no regular dues, other than a locker fee, although many members contribute in response to our annual fund-raising letter. We do not have a regular budget. Funds are raised according to our needs. Annual expenses usually amount to about \$10,000 and are met by contributions, guarantees from meet sponsors, entry fees (to the local meets) and gate receipts. Contributions, our largest source of support, come from former track athletes, alumni, track and field officials, corporations and civic groups, and from parents, employers and friends of our athletes. Expenses are principally for travel to meets and for food and lodging, and it is not unusual for our athletes to pay part of their own way. On some trips, the club furnishes the transportation and the athletes pay for their own meals. Sometimes, if the guarantee money is sufficient, the club will buy a good meal for everyone after the meet." It isn't the first-class-all-the-way arrangement known to most colleges and a few of the richer clubs, but for UCTC athletes the spirit of innovation appears to be half the fun.

The special "club spirit", present in the Marin AC, Boston AA, UCTC, and no doubt dozens of other clubs ranging from the Twin Cities TC in Minnesota to California's Santa Barbara AC, from the New York Pioneers to the Portland TC, is unique in an age of sports grime and rigid conformity. In the pitching-in, voluntary and cooperative effort required to get a club started and maintain its shaky life, a type of amateurism is reborn. Not the negative amateurism defined in an outdated code that allows everyone but the athlete to profit from his efforts. The amateurism found in clubs like the UCTC, and individuals like Ted Haydon, is a feeling that Haydon describes as "exhilarating total involvement sometimes described by creative artists." The clubs promote participation in the sport not for what it gives, but for what it is.

(Series will conclude with the other side of the club story, the large clubs.)

IAAF Rule Changes

More than 30 changes appear in the new IAAF rule book but most of them are relatively minor technicalities. They all have a definite point, however, and the minuteness of some of the changes is an indication of the care with which the IAAF experts continually scrutinize the rules governing international competition.

Rule changes normally are considered only every fourth year, at the time of the Olympics, and are made by the Congress of the IAAF. The Council, a sub-body of the IAAF, is empowered to handle urgent rules matters between the quadrennial meetings. Most IAAF rules eventually are adopted by the AAU and NCAA.

The most important and significant of the rule changes are:

The neck no longer is considered part of the torso in judging finishes.

It no longer is a pole vault failure if after clearing the bar the vaulter relinquishes his hold on the pole and it passes under the bar.

The sector for hammer and discus throwing has been reduced from 60 to 45 degrees.

It now is legal to use extension arms on vault standards, thus permitting the uprights to be placed wider apart, for safety reasons, without increasing the length of the cross-bar.

In relay races where the track is of a material which will not permit scratching with a shoe, some adhesive paper or powder may be used, at the discretion of the judge, to make a check mark.

A relay record may be made only by a team composed entirely of citizens of a single country.

World records may be recognized for the pentathlon and decathlon even though the force of the wind exceeded two-meters per second in any of the events.

Lesser alterations include:

A revision reads: A competitor in a field event who unreasonably delays making a trial renders himself liable to have that trial disallowed, and recorded as a fault, and for the second delay at any time during the competition, to disqualification. It is a matter for the Referee to decide, having regard to all the circumstances, what is an unreasonable delay. The following times, which must not be regarded as imperative, should not normally be exceeded: pole vault, three minutes; all other field events, two minutes. The competitor must be notified by the official responsible when the period allowed for his trial has commenced.

Scoring in relay races in international meets with three teams has been changed from 7, 5, 3 to 7, 4, 2. Scoring with two teams remains 5, 2.

Order of field event competition shall be drawn by lot after the qualifying competition is finished.

New paragraph added to the rule on doping: All selected athletes must present themselves immediately after an event to an anti-doping test if such test is ordered by the organizers of the meeting or by the responsible authority approved by the national governing body or by the IAAF. Any athletes found to have used drugs or refusing to submit to the test shall be disqualified from the competition and reported to his national governing body and to the IAAF.

It is recommended that in international matches, where two or more competitors tie (in field events where the result is determined by distance) the rules for deciding ties should not apply, the points for the places concerned being shared.

It is now stated that for world records to be approved, it must be made in an event sanctioned, recognized, or certified by the IAAF member for the country in which the event is held.

Wind readings in the long jump and triple jump shall be measured for a period of five seconds from the time a competitor passes a mark on the runway 40-meters from the take-off board in the long jump and 35-meters in the triple jump.

In the 1600-meter and mile relays where only two teams are competing, it is recommended that only the first bend of the first lap should be run in lanes (instead of three curves as previously required).

The term "foot supports" has been deleted from the starting block rule.

A photo-finish camera should be used wherever possible; when it is used, it must be referred to before a final decision is arrived at.

Depth of water immediately in front of the steeplechase hurdle has been changed from 2'6" to 2'3½".

In the marathon, any competitor taking refreshments at a point other than appointed by the organizers renders himself liable to disqualification.

If portable mats are used from jumping take-off surfaces, all references in the rules to the level of the track or take-off ground must be construed as referring to the level of the top surface of the mat.

In jumping for distance and in throwing events, where there are less than nine competitors, each shall be allowed six trials. If there are more than eight competitors, each shall have three trials and the eight best and ties shall have three additional trials.

The distance between take-off and the end of the landing area in the long jump must be at least 32'10". It was 29'5" pre-Beamon.

Three timers must be used for each competitor in the decathlon and pentathlon.

The angle between the base of the vaulting box and the stopboard must be 105 degrees. Previously it could range from 90 to 105.

The cage opening through which the hammer and discus are thrown has been widened from 16'5" to 19'8½".

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| I July | July 10 | September | Oct 2 |
| II July | July 31 | October | Oct 30 |
| August | Aug 28 | November | Nov 20 |

| | | |
|-----------|-------|------------------------------|
| July | 18-19 | US-USSR-Commonwealth, LA |
| | 28-7 | Maccabiah Gms, Tel-Aviv |
| | 30-31 | Americas-Europe, Stuttgart |
| August | | |
| | 1-2 | USTFF Jr Champs, Minneapolis |
| | 5-6 | US-West Germany, Augsburg |
| | 12-13 | US-Great Britain, London |
| | 19-21 | AAU Jr Olympics, San Diego |
| September | | |
| | 13 | Altitude Chmps, L Tahoe |
| | 16-21 | European Champs, Athens |
| | 27-28 | Pan-Pacific, Tokyo |

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CANADIAN CHARTS offer a superb set of visual aids for athletes and coaches. Produced by the Fitness and Amateur Sport Directorate (under supervision of Geoff Dyson), these charts (12 in all) provide excellent sequence drawings of the events, rules, training programs, exercises and strength training, technique analysis, and more. Charts available are: Sprinting, Hurdling, Middle Distances, Relays, HJ, PV, LJ, TJ, Shot, Discus, Hammer and Javelin. Large 22 x 35 size. Buy one or the whole set. 95¢ each. \$5.95 for the set of 12. 1969-70 IAAF HANDBOOK is now available. It contains complete international track and field rules, including all the latest amendments; IAAF constitution; national associations; history; world and Olympic records thru 12/31/68; etc. 180pp. \$2.00

THE RECORD BREAKERS is a new book by Maury Allen which focuses on great moments in the careers of 15 great athletes, including Roger Bannister, Don Schollander, Wilt Chamberlain, Johnny Unitas, Joe DiMaggio, Sandy Koufax, Jimmy Brown, and others. Illus. 213pp. 1968. \$4.95

TRACK AND FIELD FOR GIRLS, Kenneth D. Miller. An instructive book on all phases of the sport for girls and women. Professor Miller, of Florida State University, knows his subject and gives an interesting, easy-to-follow presentation of conditioning and preparation, sprinting, hurdling, relays, middle distances, the throws and jumps. Well-illustrated. 1964. Bibliography. 117pp. \$4.50

SWIMMING MARKET PLACE is a new 20-page catalog listing publications and products for the swimmer and water poloist, coach and fan. If you're interested in aquatics at all, ask for your free copy.

HIGH JUMPING, by V. M. Dyatchkov, is virtually the entire contents of Track Technique #36 (June, 1969). This is the translation (first time in English) of a book by the noted Russian coach--who guided Shavlakadze, Brumel, Bolshov, Gavrilov and others to vertical jumping success. The definitive account gives an analysis of every phase of the jump, and covers refinement of technique, exercises, training and training load, training cycles and distribution, etc. 34pp. \$1.00

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If the NCAA meet had a theme, it was "The Young Take Over". Nine of the 18 individual titles went to sophomores. Two of the soph victories

cover photo

were particularly dramatic, since world record holders were losers. First there was Curtis Mills' defeat of Lee Evans, and not long afterwards Villanova's MARTY LIQUORI forced JIM RYUN to buckle in the stretch of the mile. Liquori whoops as he finishes in 3:57.7. (Photo by Jeff Johnson)

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