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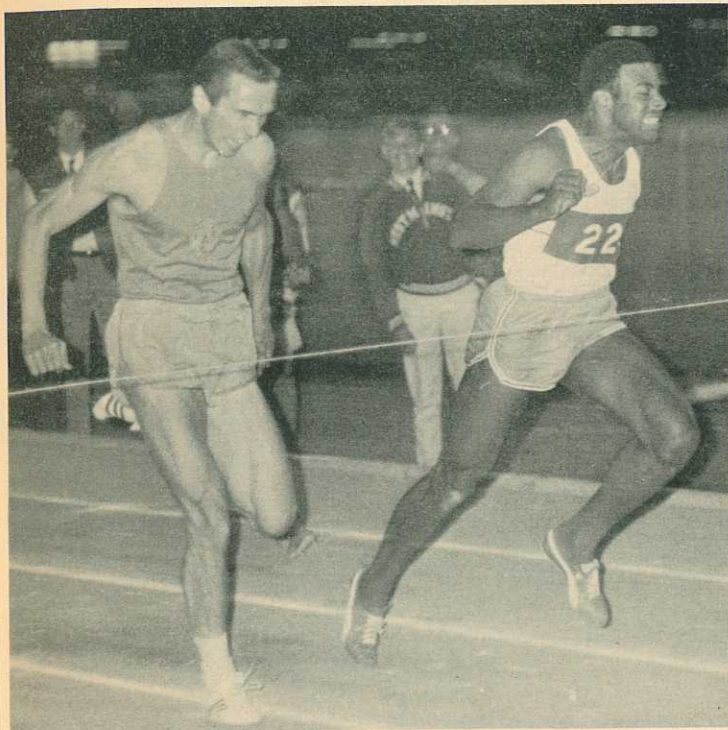
by Joe Henderson

If there are any staggering, gasping distance runners at Mexico City this fall, they'd likely be staggering and gasping even if they weren't at 7350 feet of altitude. If fans can accept their long races a few seconds slower than normal, this year's Olympics aren't going to suffer any from the thin air.

These are the conclusions of two researchers who've made it their business to clear the thick fog of confusion surrounding the high-altitude training and competition question and who've come up with sensible, well-tested proposals for preparing the US team. Oregon coach Bill Bowerman, acting for the US Olympic Committee, and University of Wisconsin researcher Jack Daniels, acting on his own, say the same thing: Sure, races are going to slow down a bit. But the problem isn't all that significant. If our athletes are handled smartly, they'll do just as well at Mexico City as they would at any sea level site.

(Continued on page 14)

MEXICO 1968



ABOVE: MIKE FRAY (right) lost this Orange County Invitational 100 to DAVE REEVES. But otherwise this season Fray, a Jamaican at Mesa, Ariz., CC, has been nearly unbeatable. He has run 220s in 20.5, 20.6 and 20.2--the latter a JC record. His best 100 is 9.4, a time which Reeves also has recorded. (Photo by Don Chadez)

RIGHT: Jeff Johnson's unique photo shows both ends of the 26-mile, 385-yard Boston Marathon. In the background is a small portion of the nearly 900 starters, including (in the lower righthand corner) one of the girls who slipped in. From this crowd emerged the winner, AMBROSE BURFOOT (17)--the first American to win here since 1957. He ran 2:22:17.



NEWS ROUNDUP

Greene, Hurdlers Rocket

It was the type of two-week period where good things came in pairs. Charlie Greene tied the world record of 10.0 for 100-meters, and Mel Gray got the JC mark with 10.1 in the same race. Gray's 9.3 for 100-yards tied the frosh and JC records. The Striders twice lowered the world 480 high hurdle relay best, first to 56.2 and then on down to 55.4. And Sam Walker made two revisions of his high school shot put standard with 71'3½" and 71'7".

Sprinting, hurdling and shot putting were the centers of the hottest activity. Besides the above-mentioned marks, Fred Kuller and Willie Turner ran legal 9.3s, Ronnie Ray Smith had a wind-aided 9.2, and Tommie Smith ran a 20.0 turn 220 with wind assistance. Richmond Flowers lowered his hurdle best to 13.3 while beating Harvey Nairn--13.5. In the shot, George Woods fired one out 68'1"--moving him to third on the all-time list--and Dave Maggard improved to 65'10½", which puts him fifth.

Four distance runners registered notable performances. Arne Kvalheim got double satisfaction from breaking the collegiate two-mile record with 8:33.2 and beating Gerry Lindgren (8:38.4) in the process. Mike Hazilla raced through a 29:07.2 10,000. In the marathon, Amby Burfoot won at Boston, and Eamon O'Reilly ran 2:16:39.8 to qualify for Olympic training.

Besides Walker, two other preps got records. Junior Reynaldo Brown added a quarter-inch to the high jump mark with 7'½". Bob Bornkessel ran the 330 hurdles in a mark-tying 37.3.

(Continued on page 4)

SOUTH AFRICA

Olympic Ouster Imminent

Olympic fans around the world are breathing easier now that the threat of a multi-nation boycott has been eliminated by the ouster of South Africa from the Games.

South Africa, whose re-admission to the Games stirred up a world-wide storm of protest, had its fate sealed in a two-day marathon summit meeting in Lausanne, Switzerland, April 20-21. The unprecedented special meeting of the International Olympic Committee's executive board was called after more than 40 nations, mostly African and Asian, said they would withdraw from the Games if South Africa was allowed to participate.

The nine-man executive board telegraphed all 71 IOC members strongly recommending that the invitation to South Africa be withdrawn and asking for an immediate mail vote confirming the board's stand. The telegram was considered less a recommendation than a command. The vote is only a matter of protocol and its outcome is unquestioned.

Elimination of the boycott also means there is less chance of a boycott of the Games by America's black athletes. Some American Negroes, who would not boycott the Olympics for any other reason, felt they would have no choice but to withdraw if there were no other black participants.

The decision was a bitter blow to IOC president Avery Brundage who has always maintained racial segregation in South Africa is not a question of sport, but of politics. He felt South Africa's agreement to field an integrated team was a step forward but the African nations did not see it that way and as a result

(Continued on page 14)

Records Altered

W=world record; E=European; A=American; F=Freshman; "=" equals record; *="not an official record.

INDOOR				
50mH	6.4	E=	Milan Kotik (Czech)	Jablonec, Czech 2/22
SP(12)	67'4"	HS	Doug Lane (Ia HS)	Iowa City, Ia 4/4
880	1:50.1	F	Mark Winzenried (Wisc F)	Madison, Wisc 4/6
OUTDOOR				
LJ	26'4"	F	Jerry Proctor (Redl/Fr)	Claremont, Calif 3/30
100	9.3	JC=, F=	Mel Gray (Ft Scott JC)	Pittsburg, Kans 4/9
SP(12)	71'3 1/2"	HS	Sam Walker (Tex HS)	Dallas, Tex 4/11
HHR	56.2	W*, A*	Striders	Westminster, Calif 4/13
HHR	55.4	W*, A*	Striders	Knoxville, Tenn 4/20
100m	10.0	W=, A=	Charlie Greene (Corn TC)	Lawrence, Kans 4/20
100m	10.1n	JC	Mel Gray (Ft Scott JC)	Lawrence, Kans 4/20
330IH	37.3	HS=	Bob Bornkessel (Kans HS)	Lawrence, Kans 4/20
SP(12)	71'7"	HS	Sam Walker (Tex HS)	Fort Worth, Tex 4/20
HJ	7 1/2"	HS	Reynaldo Brown (Cal HS)	Compton, Calif 4/20
2Mile	8:33.2	C	Arne Kvalheim (Ore)	Eugene, Ore 4/20
4MiR	17:06.4	JC	Pasadena CC	Arcadia, Calif 4/20

US Highlights

Kentucky: Hazilla's 29:07.2m Dazzles

Lexington, Ky., April 5-6--Mike Hazilla ran the fastest three-mile of his life at the Kentucky Relays... and he still had something over three-miles to go. After covering the first 12 laps of his 10,000 in 13:55.0, the Western Michigan junior not only didn't die, he went on to clock 29:07.2--making him the eighth fastest in US history. Hazilla reached six-miles in 28:12.0, reducing by a huge margin the 29:01.4 personal best he'd run here last year. Hazilla shook himself away from comebacking Jim Murphy and two other sub-30-minute men in the speedy race. Murphy did 29:38.2, with Hazilla's teammate Lee Frost (29:41.2) and Art Coolidge (29:48.4) of the Boston AA. Coolidge had won the National AAU 30-kilometer race five days earlier.

The first three 10,000 men doubled the next day with good results. Murphy topped Hazilla at three-miles, 13:48.6 to 13:49.6. Frost won the steeplechase with 9:00.6.

Wind apparently was over the limit during Friday's sprint prelims, where Clarence Ray of Kentucky State sped 10.1 for 100-meters. Under legal conditions Saturday, Bob White of Indiana won the high hurdles in 13.9. Eastern Michigan freshman Bill Tipton, in his first college outdoor meet over the 42-inch hurdles, was third in 14.0.

Meet-dominating Western Michigan won three relays, including a 57.4 in the 480 high hurdles. Sam Bair anchored Kent State to victories in the four-mile (16:59.8) and distance medley (9:56.6) relays.

Other highlights: 3Mile, 3. Jim Dolan (Mich) 13:50.8. 330IH, David Adkins (Ala) 37.0. SP, Brian Oldfield (UCTC) 60'4 3/4". PV, Bill Barrett (En Mich) 16' 1/4". JT, Gary Stenlund (H Valley TC) 247'1". 2MileR, Michigan 7:28.0 (T. Leps 1:54.0, Armstrong 1:51.0, McDonald 1:51.7, Kutschinski 1:51.3).



This group of Striders ran the 480 high hurdle relay in 56.2--the fastest in history--at the Orange County Invitational. That was a warmup for what was coming. The brief record-holders were RALPH BOSTON, RON COPELAND, TOM WHITE and GARY POWER. With Leon Coleman taking Power's place a week later at Knoxville, Tenn., the team did 55.4. (Photo by Don Chadez)

Orange County: Caruthers 7'2", Striders 56.2

Westminster, Calif., April 13 (by George Grenier)--The Striders, on a calm, windless night, chopped a half-second off Western Michigan's 480-yard hurdle relay world best with a 56.2 clocking before 2800 fans at the Orange County Invitational meet. It was a close race until Tom White pulled away from Larry Livers in the final hurdle flight. Livers' Athens AC team ran 57.0.

Ron Whitney added to the Striders' hurdle victories with a season-opening 50.9 as he beat Tom Wyatt by a tenth. The trio of Whitney, Wyatt and Wayne Collett, the UCLA frosh sensation, were rising evenly over the first seven hurdles until Whitney moved slightly into the lead by some hard curve running over the eighth and ninth. Whatt gained a little over the last hurdle, which Ron took in ragged fashion, but though he gained in the stretch run he could not muster the extra drive to beat Whitney. Collett held on well to finish in 51.5.

Ed Caruthers tried to celebrate his birthday by racking up an American high jump mark of 7'4", but he failed and had to settle for his second 7'2" of the season.

Dave Maggard raised his personal outdoor shot best to 64'8" on his final put after his first five had averaged 63-feet. George Woods was unable to make plane connections from Hawaii so missed the meet. Gary Carlsen, however, was able to pull himself away from his bride of a week to edge Bill Neville in the discus, 182'11" to 182'9". An early-evening crosswind hampered throwing.

Frank Covelli went ahead of Dick Legas and John Burns on his fifth throw with an estimated 258-feet and capped the night with a final heave of 265'8". Burns was the most consistent thrower with two marks near 250-feet, and his worst throw was 230. John Tushaus, the American record holder, failed to make the finals with any of his three throws at 218- to 219-feet and was 10th.

Other highlights: Mile, Bob Day (Ft MacArthur) 4:03.5... 6. Bob Schul 4:10.7. 2Mile, Pat Traynor (USAF) 8:50.6. HJ, 2. Otis Burrell (Strid) 6'10". PV, Chris Papanicolaou (San Jose St) 16'0"; 2. Jeff Chase (SCVYV) 16'0"; 3. Ed Martensen (SCVYV) 16'0"; 4. Hans Lagerquist (P Coast) 16'0". LJ, Ralph Boston (Strid) 23'9 1/2". TJ, Charles Craig (P Coast) 50'4". SP, Maggard (62'8", 62'7", 63'3", 63'2 1/2", 63'3", 64'8"). DT, 3. Parry O'Brien 177'10". JT, Legas 250'6"; 3. Burns 249'11". 480HHR, Striders (Boston 14.5, Power 14.1, Copeland 13.9, White 13.7).

Kansas: Greene 10.0 Equals, Rogers 17'1-2"

Lawrence, Kans., April 18-20 (from Don Steffens)--All day Friday it rained, and with it came 50-60 mph winds, all of which seriously imperilled the Kansas Relays' chances for success. Happily, though, Saturday turned out almost as good as the previous day was bad, and a full night of work on the track set the stage for a fine final day. Charlie Greene topped it by matching the world 100-meter record, Chuck Rogers vaulted over 17-feet for the first time in his life and Jim Ryan was running again--which was enough to please Kansas partisans.

The 100 appeared as though it might have been something of a bust. The competitive luster was taken off when Jim Hines false-started twice and was tossed out (unlike the Texas Relays, where he jumped four times and was allowed to compete). Greene, who characteristically referred to it as "an easy type of race", then sprinted his 10.0 to become the 10th man in history to do it. The following wind was a quite legal 0.5 mph. Following Greene was a quick-rising young sprinter, Mel Gray of Fort Scott JC. Gray, who on April 9 had tied the JC and freshman 100-yard records of 9.3, did 10.1 here for a JC mark. Fifty minutes earlier, Mel had gone into a slight wind for a 9.4 win in the Frosh-JC 100-yard dash.

Rogers, the 1966 NCAA vault champion from Colorado, highlighted the field events with his 17 1/2" effort. His previous high was an indoor 16'7".

Ryan was recovered well enough from his hamstring injury of three weeks ago to appear in the 1500. Obviously running a reserved race, the world record holder trotted along behind Tim Danielson through a 63.7 quarter and 2:04.8. Ryan got impatient at about 1000 yards and took charge, reaching the three-quarter post in 3:04.7. It took him just 26.3 to cover his last 220 as he finished in 3:42.8, cheered on by a crowd of 20,000. Ryan reported the leg didn't bother him a bit and that he was satisfied with his race. All he lacked, he said, was speed training.

Randy Matson competed Saturday in a specially-arranged shot put event. He threw 67'11" for his best, and the world's second longest, this year. In another notable field event happening, Nebraska sophomore Lennox Burgher triple

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Up, up, up goes the high school shot put record. And this hefty young man, SAM WALKER, is responsible. Walker, of Samuell High in Dallas, has re-

cover photo

vised the mark four times this season. He started by erasing Karl Salb's 69'6" with 69'11 1/4". Then he did 71'0", 71'3 1/2" and his latest is 71'7". He's shown here putting at the Texas Relays, where he fell below 70-feet for one of the few times this season. (Photo by Rich Clarkson)

Bible of the Sport

jumped 51'6 $\frac{1}{2}$ "--his outdoor best.

Last year's top two collegiate steeplechasers, both now graduated, met for the second time in two weeks and the result was the same. Conrad Nightingale whipped Chris McCubbins, 8:52.8 to 8:59.8.

Jim Murphy, now an instructor at the Air Force Academy, completed on Saturday a good distance double. He barely held off Bill Mills in the 5000, both 14:23.6, after Mills apparently misjudged the finish line's location and delayed his sprint too long. Two days earlier, Murphy had taken an easy victory in the 10,000 with 29:51.6.

Only about 100 fans got to witness what was billed as one of the meet's feature attractions. Jumping in the rain, from an all-weather runway, Friday, Ralph Boston got out 25'3 $\frac{1}{2}$ ". Nothing much else of not happened that day as the track was reduced to oozy muck.

For a meet made up primarily of relay races, little excitement occurred in the baton events, at least as far as fast times were concerned. Attention was focused on the individuals. Kansas, Kansas State and Missouri each won a pair of relays. The home school took the 880 in 1:24.0 and the mile in 3:11.2. K-State won the medleys, the sprint in 3:21.3 and the distance in 9:53.8. Missouri nipped Drake in the four-mile--both had 17:09.2 in the mud--and won the two-mile with 7:31.6.

Other highlights: 100m, 3. Jim Freeman (Murray St) 10.3. 1500m, 2. Danielson (SDTC) 3:44.8... 4. Cary Weisiger (SDTC) 3:50.6. 5000m, 3. Glenn Ogden (Mo) 14:31.6. 10,000m, 2. Craig Runyan (Colo) 30:13.8; 3. Gerry Garcia (En NM) 30:14.2. 120HH, Dave Stevens (Kans) 13.9. 400mH, James Hardwick (Okla) 51.9; 2. Dave Kudron (Nebr) 51.9. PV, 2. Bob Steinhoff (Kans) 16'0". TJ, 2. John Vernon (Sn Ill) 50'0". HJ, Steve Krebs (Nebr) 6'10 $\frac{1}{4}$ ". SP, 2. Gene Crews 60'7 $\frac{3}{4}$ "; 3. Karl Salb (Kans Fr) 59'2"; 4. Roger Orrell (Hous Strid) 59'0". Fr-JC SP, Salb 59'9". DT, Doug Knop (Kans) 181'11". 440R, Oklahoma 40.8 (W I ong, J Smith, B Brown, G Long). 880R, 2. Oklahoma 1:24.5. SMedR, 2. Oklahoma 3:21.9; 3. Drake 3:22.3.

Boston Marathon: Burfoot Outlasts Clark

Boston, Mass., April 19 (from Jeff Johnson)--Amby Burfoot broke what was threatening to become a tradition when he won the 72nd annual Boston Marathon. He ended a string of victories by New Zealanders, Japanese, Belgians, Finns and Yugoslavs--but not Americans--that stretched back to 1957. Not only is Burfoot an American but he's also a New Englander, a student at nearby Wesleyan University. He's coached by the last US winner, Johnny Kelley.

Burfoot's winning time for the 26-plus mile classic--2:22:17--was the slowest since 1962. But no doubt Amby doesn't mind a bit. His victory was notable in a number of respects. He won after a tight duel with Bill Clark, who dropped a little behind on a long hill at 20 miles. Clark, looking fresher than Burfoot, couldn't make up ground in the last down-sloping stretch and finished with 2:22:49. Burfoot is the only collegian ever to win here, and at age 21 he's the youngest winner since 1951. He outran what probably was the largest throng ever to compete in a marathon--some 900 starters. Boston officials, angered that their race wasn't included in the Olympic qualifying series, indicated they may pay Burfoot's expenses to train with the marathon contenders at Alamosa.

Other leaders: 3. Alfredo Penalzoza (Mex) 2:25:06; 4. Pablo Garrido (2:25:07); 5. Ron Daws (Twin Cities TC) 2:30:13; 6. Bob Deines (Oxy) 2:30:13; 7. Jose Garcia Gaspar (Mex) 2:30:20; 8. Mikko Ala-Leppilampi (Fin) 2:31:35; 9. Danny McFadzean (Scot) 2:32:27; 10. Gary Muhrcke (Millrose AA) 2:34:15.

Pelican: Flowers Improves to Swift 13.3

Baton Rouge, La., April 19-20 (from Paul Adams)--Make room, Earl McCullough. After leading the world in the high hurdles for two weeks with his 13.3 clocking, the Southern California star will have to move over and let a familiar face share that first spot.

Tennessee's Richmond Flowers powered to a 13.3 at the Pelican Relays here Friday, a personal best by a tenth. He downed Harvey Nairn of host Southern who set his career best with a 13.5 and ex-Southernite Willie Davenport (Houston Striders) at 13.7.

Running into a 3.4 mph legal wind, Nairn led for the first two hurdles but then Flowers caught him at the third barrier and the Tennessee junior was never headed. Davenport got a terrible start and, pressing hard to make up the lost ground, hit every barrier. Flowers' time now makes him equal-fourth fastest ever and of the currently competing crop of hurdlers, only McCullough has run faster.

In other action, John Hartfield of the Houston Striders high jumped 7'0" to win the open division, while Southern's Bill McClellon won the college division at 6'10" and also recorded 48'6 $\frac{1}{2}$ " in the triple jump. Webster Johnson took the open quarter at 46.9 while Southern won the mile relay in 3:08.3 and got a 46.6 anchor from Oliver Ford.

Dogwood: Striders Reduce Hurdle Mark

Knoxville, Tenn., April 20 (from Chuck Rohe)--The 480-yard high hurdle relay best, which until quite recently stood at 56.7, took its second severe beating in two weeks from the Striders. Racing at the second annual Dogwood Relays, the California club team blasted the mark down to 55.4, eight-tenths faster than its time at the Orange County Invitational, April 13.

Strong winds--as high as 20 mph--on the home straightaway worked against top performances, and made the Striders' time even more incredible. Ralph Boston led off, with the wind, and gave the Striders an immediate lead. Ron Copeland ran second, followed by Leon Coleman while Tom White anchored. Gary Power had run in place of Coleman in last week's record effort.

The open highs times weren't all that great (the runners faced a 14 mph wind) but the competition was. Richmond Flowers, who the night before had dashed a legal 13.3 at Baton Rouge, won in 14.0 as White, Willie Davenport and Coleman matched that time. Andy Bell beat Russ Rogers in the long hurdles, 51.4 to 51.8, and Coleman was third at 52.1.

Looking like the Theron Lewis of old, the Philadelphia Pioneer Club quarter-miler broke open the mile relay with a 45.9 third leg. Jim Burnett anchored in the same time as the team did 3:08.6. Hardee McAlhaney did 46.2 for runner-up Tennessee (3:12.0) after a 46.3 open win.

Boston recorded an excellent, though wind-aided, jump double. He long jumped 26'9" and tripled 50'8 $\frac{3}{4}$ ". Discus thrower Brian Oldfield warmed up with a 205-foot toss and had a 193-foot foul. He reached 183'5" legally and also won the shot at 59'3 $\frac{1}{2}$ ".

Other highlights: PV, Peter Chen (Amer U) 16'1 $\frac{3}{4}$ "; 2. Steve Owens (Tenn) 16'1 $\frac{3}{4}$ ". LJ, 2. Tom Chilton (Knox TC) 25'8 $\frac{1}{2}$ "w. HJ, John Thomas (Bost AA) 6'10"; 2. Lew Hoyt (Quan) 6'10". 880R, Striders 1:25.7 (Boston, White, Copeland, Coleman). 430HHR, 2. Eastern Michigan 58.4; 2. Tennessee 58.9 (Flow-ers 13.7 into wind).

Santa Rosa Marathon: O'Reilly Instant Success

Santa Rosa, Calif., April 21 (from Jeff Kroot)--Eamon O'Reilly was an instant success at marathoning. In his first attempt at the distance, he qualified for Olympic training and emerged as the second fastest man in US history with 2:16:39.8 in the first of six trial races. The winner of each race automatically becomes eligible for an extended period of high-altitude training at Alamosa, Colo. O'Reilly followed Athens AC teammate Bob Price through a fast 51-minute first 10-mile before moving away. He beat runner-up Skip Houk (2:22:05) by more than a mile.

Other leaders: 3. Don Lakin (Ft MacArthur) 2:23:06; 4. Doug Wiebe (Ft Mac) 2:23:34; 5. Eddie Cadena (Cal Poly/SLO) 2:29:43; 6. Price 2:31:04.

Frosh JC Highlights

There were no records set these past two weeks, but it should be reported Jerry Proctor's 26'4" at the Claremont Relays on March 30 erased one of the oldest freshman records on the books--the 26'1 $\frac{1}{2}$ " by Indiana's Greg Bell in 1955. To keep from getting bored, Jerry also had windy 14.3 and 9.4 clockings plus a legal 9.6 to round out his day. The Redlands star is scheduled for seven events against Occidental.

Prep Highlights

Dallas, Texas, April 11--About all Sam Walker has left to compete with is his own high school shot put record. He's doing a commendable job of that. The Samuel of Dallas prodigy improved his mark again with 71'3 $\frac{1}{2}$ " at the City championships. In doing so, he added 3 $\frac{1}{2}$ inches to his "acceptable" best and improved a little on the 71'1 $\frac{1}{4}$ " he threw earlier on sloping ground. The putting area for his 71'3 $\frac{1}{2}$ " toss was surveyed and okayed a few weeks ago.

Walker, the only prep to cross the 70-foot barrier, is looking to even longer puts. "It looks like I'm going to move up an inch at a time," he said after this record effort. "But the main thing is that I'm moving up. I still want 72 or even 73-feet before the season's over, but I don't expect to just jump up one night out of the blue and throw it 'way, 'way out there."

Late News

Late News: Windy 20.0, 9.2 for Smiths

Some fast Smith sprinting at San Jose and Arne Kvalheim's collegiate two-mile record at Eugene were the biggest stories of the April 19-20 weekend which was filled with big ones. The Smiths, Ronnie Ray of San Jose State and Tommie of the Youth Village, had blustery winds helping them. Ronnie Ray dashed a 9.2 100 with a 9.88 mph breeze behind him. Kirk Clayton and Jerry Williams had 9.3s. Tommie's contribution was a 20.0 220, aided by a 13.5 mph wind. Ronnie Ray did 20.5 and Williams 20.6. The same meet included a best-of-life 65'10 $\frac{1}{2}$ " shot put by Dave Maggard and Chris Papanicolaou's best-this-season 17'0" vault.

A great two-mile was bound to happen at the Oregon-Washington State meet with Gerry Lindgren racing Kvalheim. Lindgren led through a 4:14.0 mile and on into the last lap with the stubborn Norwegian at his shoulder. At the next-to-last turn Kvalheim spurred and it was all over. His 56.9 last lap put him 4.2 seconds ahead of Lindgren at the end with 8:33.2--a collegiate best. Oregon's Gary Knoke ran yet another swift 440 intermediate time with 51.6.

Two-milers were also finding success elsewhere. Ole Oleson ran 8:44.6, a career best, against Stanford. In the slightly shorter 3000-meters, Tracy Smith outran Joe Lynch, 8:00.6 to 8:02.4.

It was a good weekend for hurdlers, too. Besides Richmond Flowers' 13.3 and the relay record by the Striders, Britisher Dave Hemery of Boston U covered the 440 hurdles in 50.7. Blaine Lindgren ran the highs in a legal 13.6, and Larry Midlam and Charles Pollard had 13.8s in another meet.

At the Queens-Iona Relays in New York, New York University twice stunned Villanova in the longer relays. With a 4:06.0 anchor from Byron Dyce, NYU won the four-mile with 16:47.6. Villanova had 16:48.2. Dyce had 1:51.0 on the two-mile as his team ran 7:34.8. Georgetown edged Villanova for second.

Mel Gray's 10.1 100-meters and a 17:06.4 four-mile relay by Pasadena CC go down as JC records. Pasadena, which may not get its record accepted because it lacked opposition, had Scott Chisam (4:19.3), Kurt Lawson (4:16.2), Jesse Gomez (4:19.4) and Mike Mullins (4:11.5) on its team.

Two high school records tumbled on April 20 and one other was tied. Compton junior Reynaldo Brown raised the high jump standard to 7'1 $\frac{1}{2}$ ". Sam Walker, not surprisingly, added a few more inches to his shot put mark with 71'7". Bob Bornkessel (Shawnee-Mission North, Kans) equaled the 330 intermediate hurdle best of 37.3.

Swede Ricky Bruch has upped his discus best to 202'8".

U. S. REPORT

by Dick Drake

The season's second US Report, still not a full 50-deep one, includes all marks which meet or exceed T&FN's minimum reporting standards. The cutoff date for this list is April 19. Marks received by that date are listed. The Report includes seasonal bests for athletes and teams, plus all standard-meeting marks made by the leaders since the II March issue's list.

Times for distances over a mile are listed in even fifths of seconds. DT, HT and JT marks are measured in even inches, other events in quarters.

Abbreviations: * = new mark since last report; † = foreign athlete competing regularly in US; w = wind-aided mark; n = non-winning time; h = heat time; s = semifinal time; /O = open division; /CD = college division; /Fr = freshman on varsity team; F = freshman not on varsity; + = metric time converted upward; /g = guest-non-scoring athlete competing in a meet as a guest; /Sp = special race, not normally part of the meet; ° = time made en route to longer distance; nh = no height. Possibly unrecognizable meet names: CC = Corpus Christi Relays; P View = Prairie View A&M Relays; Ft S Hou = Ft Sam Houston Inv; Int'l = International meet; East = Easter Relays; CHM = Claremont-Harvey Mudd Relays; Or = Orange County Invitational; Ban = Banana Belt.

Following are the world records, with American records noted when different, as of Feb. 1, 1968: 100y, 9.1; 100m, 10.0; 200m & 220y, 20.0; 400m, 44.5; 440, 44.8; 800m, WR 1:44.3, AR 1:44.9; 880, WR 1:45.1, AR 1:44.9; 1500m, 3:33.1; Mile, 3:51.1; 2Mile, WR 8:19.8, AR 8:25.2; 3Mile, WR 12:50.4, AR 12:53.0; 5000m, WR 13:16.6, AR 13:38.0; 6Mile, WR 26:47.0, AR 27:11.6; 10,000m, WR 27:39.4, AR 28:17.6. 3000mSt, WR 8:26.4, AR 8:32.4. 110m & 120yHH, 13.2. 400mIH, 49.1; 440IH, WR 49.3, AR 49.6. HJ, WR 7'5 3/4", AR 7'3 3/4". PV, 17'7 3/4"; LJ, 27'4 3/4"; TJ, WR 55'10 1/2", AR 54'11"; SP, 71'5 1/2"; DT, WR 213'11 1/2", AR 210'6"; HT, WR 241'11", AR 235'11". JT, WR 300'11", AR 284'0". Dec, WR 8319, AR 8230. 440R, WR 38.6, AR 39.6; 880R, 1:22.1. MileR, WR 3:02.8, AR 3:03.5; 2MileR, WR 7:16.0, AR 7:17.4. 4MileR, 16:09.0. SMedR, 3:15.2; DMedR 9:33.8.

100 YARD DASH

Jim Hines is off to a hot start, when he isn't false starting. His 9.2 was aided by 4.1 mph breeze, just inside the maximum allowable... Fred Kuller returned his first 9.3 clocking since May 1965... Mel Gray of Ft. Scott JC in Kansas, who matched the prep record of 9.4 before Bill Gaines went to work on it last year, equalled the frosh and JC 100-yard records with a 9.3 at the Pittsburg State Relays on April 9... Clyde Glosson is hot again this season after pulling up lame for the balance of the 1967 season after a first meet injury.

1. Jim Hines, Hous Strid (9.2 C Christi R/Sp; 9.5 Tex R/O, illegal) 9.2*
2. Clyde Glosson, Trinity (9.5wh, 9.3w P View; 9.5n Tex; 9.4 Ft S Hous) 9.3
Mel Gray, Ft Scott JC (9.4w Wichita St R; 9.3 Pittsburg St R) 9.3*
Fred Kuller, So Cal (9.5n v Oxy; 9.5n v Cal; 9.3 v Ore) 9.3*

9.4, Clifford Branch (Wharton JC); *Jerry Bright (Ariz St), *Mike Fray' (Mesa, Ariz CC), *Rene Matison (NM), *Lennox Miller' (So Cal), *Larry Questad (P Coast), *Dave Reeves (Inland Empire AC), *Mike Simpson (Hous), n*Lee Smith (Hous Strid), *Ronnie Ray Smith (San Jose St), *Herb Washington (Mich HS), *Ernest Williams (Tex HS). 9.5, n*Sam Davis (San Jose St), Jim Farmer (Fres Pac), n*Doug Hawken (Glendale, Ariz CC), Carl Hight (LSU), nHarold Jackson (Jackson St), *Harry Jerome' (Ore TC), n*Wayne Long (Okla), *Mike Maxwell (Ark A&M), Eugene Milton (Fla A&M), *Randy Montgomery (Weber St), Jack Morrison (Pacific), Dock Mosley (Alcorn A&M), Dick Phillips (Gramb), *Bob Rovere (Knoxville TC), *Lorenzo Russell (LACC), n*O. J. Simpson (So Cal), *Bobby Steck (Tex HS), *Willie Turner (Ore St), n*Willie Wallace (Mich HS), n*Don Washington (Tex A&I/Fr).

Wind-aided: 9.3, John Carlos (SCVYV), *Ken Curl (Tex HS soph), Tom Griffith (Okla Chris), *Larry Hughes (Tex HS), *Rene Matison (NM), *Wade Williams (Tex HS). 9.4, nSam Davis (San Jose St), *Jim Farmer (Fres Pac), nBob Griffin (San Jose St), *Jacob Henry (Sul Ross St), *Andy Hopkins (SF Austin St/Fr), *Ed Kubicek (Tex HS), *Herb Miller (Tex HS), *Norman (Lubbock Chris JC), *Jerry Proctor (Redlands/Fr), *Reggie Pruitt (Am River JC), *Don Schneider (NJ HS), *Cecil Turner (Cal Poly/SLO), *Ben Vaughn (Ga Tech), n*Jimmy White (SF Austin St/Fr), *Jerry Williams (SCVYV).

100-meters: 10.2, *John Carlos (SCVYV), *Bill Hurd (N Dame), *Clarence Ray (Ky St). 10.3, n*Herman Carter (O Val TC), n*Kirk Clayton (SCVYV), n* Jim Freeman (Murray St), n*Bill Gaines (SCVYV), *Mel Pender (Ft MacArthur). 10.4, n*Don Castronovo (Wn Mich), *Zack Harris (C Ohio St), *Orin Richburg (Kent St).

100-meters wind-aided: 10.1, *Clarence Ray (Ky St), Jerry Williams (SCVYV). 10.3, nTommie Smith (SCVYV).

220 YARD DASH (Turn)

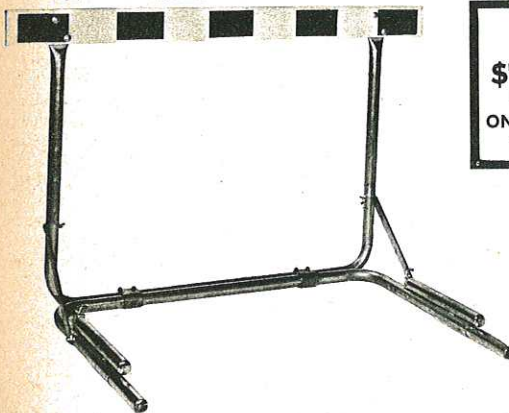
Jamaica's Mike Fray, Mesa, Arizona JC sophomore, is the latest sprint flash. No better than a 21.0 furlong sprinter last year, he has clockings of 20.6, 20.5, 20.4w and now 20.2 (with a 0.0 mph wind). One of the reasons attributed for this success is that he has cut his 6'2" frame down 25-lbs. to 190-lbs.

1. Mike Fray', Mesa, Ariz JC (20.2 v Glen CC; 21.2 v Phoe; 20.4w) 20.2*
2. Tommie Smith, SCVYV (20.5+ Sac St Inv; 21.6 Hawaii Inv) 20.5+*
3. Clyde Glosson, Trinity 20.6
4. John Carlos, SCVYV (20.7+ Sac St Inv) 20.7+*
5. Jim Hines, Hous Strid (21.0w C Christi R; 20.8 Texas R/Open) 20.8*
Willie Turner, Ore St (20.8 v El Paso; 20.8w v Wash St) 20.8*
6. Jerry Williams, SCVYV (20.8n+ Sac St Inv) 20.8n+*
7. Jerry Bright, Ariz St (20.9 v San Jose St, BYU) 20.9*
8. Lee Evans, San Jose St (20.9n v Ariz St, BYU) 20.9n*

21.0, Wayne Collett (UCLA Fr), *Erv Hall (Vill), Carl Hight (LSU), n*Jim Kemp (Ft MacArthur), *Lennox Miller' (So Cal), *Bob Rovere (Knox TC). 21.1, Jim Farmer (Fres Pac), n*Charlie Greene (unat), *Wayne Long (Okla), *Rene Matison (NM), *Julio Meade' (Kans), *Danny Moore (ELAJC), *Ben Olison (Kans)

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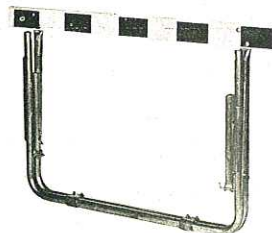
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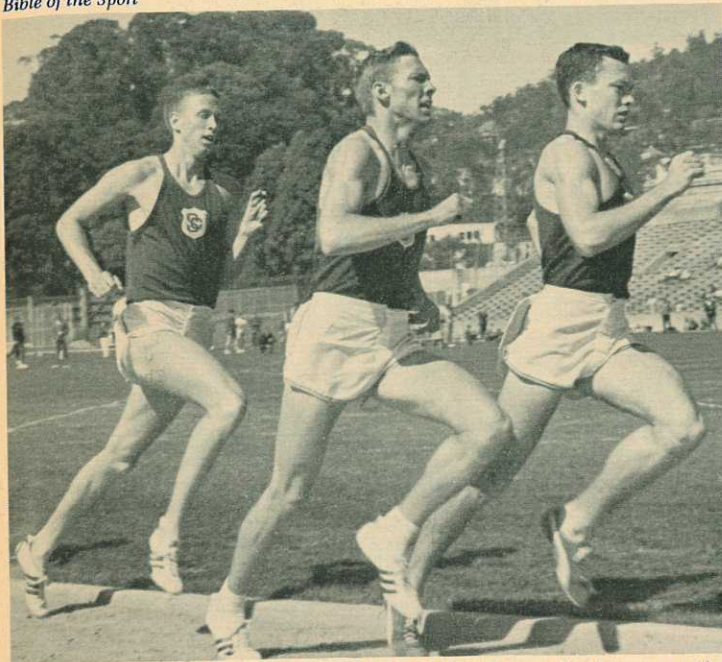
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CARL TRENTADUE (right) leads the world's half-milers so far this year with 1:47.9, and he has helped his team to the fastest two-mile relay--7:24.0. Three-fourths of that team runs here against California. TERRY TUBB and CRAIG GRANT trail Trentadue. (Photo by Jeff Kroot)

n*Ernie Smith (Ore St), n*Ronnie Ray Smith (San Jose St).

Wind-aided: 20.2, Tommie Smith (SCVYV). 20.5, *Pablo McNeil (Pepperdine). 20.6, John Carlos (SCVYV), *Mel Gray (Ft Scott JC), n*Danny Houston (NM Mil JC), *Bill Hurd (N Dame). 20.8, n*Clarence Ray (Ky St), n*Orin Richburg (Kent St). 20.9, *Lennox Miller (So Cal), n*Steve Robbins (Ariz TC), n*Ernie Smith (Ore St), nRonnie Ray Smith (San Jose St). 21.0, *Stanley Allotey (LA St), *Dave Brickner (Hancock JC), *Don Domansky (UCLA), *Pedro Grajales (Hancock JC), *Jim Hines (Hous Strid), *Ed Johnson (Dallas Bap JC).

440 YARD DASH

Following Larry James' impressive 45.2 quarter in a dual meet against Tennessee, the Villanova soph produced a 45.4 relay split. It was his first varsity outdoor race; his previous best was a 47.0--indoors... Two freshmen were hot in Austin, April 11, as both beat Conley Brown. Dave Morton lowered his best by seven-tenths to 46.0, and he just may eventually prove to be history's greatest all-around quarter-miler/half-miler. Trailing in second was Curtis Mills, who moved down from 47.2 to 46.6... Another big first meet improvement was registered by Tennessee's Hardee McAlhane as he was clocked in 46.1 after a 47.1 previous low... Leading relay splits during the past month: Morton 45.0, Ron Freeman II 45.3, James 45.4, McAlhane 45.4, Mark Young 45.4 and Dale Bernauer 45.5.

1. Larry James, Villanova (45.2 v Tennessee) 45.2*
 2. Dave Morton, Texas/Fr (46.9 Quad/Hous;46.9 CC;46.0 Tri/Austin)46.0*
 3. Hardee McAlhane, Tenn (46.1n v Vill; 46.8 v Ind, B Green) 46.1n*
 4. Jim Kemp, Ft MacArthur (46.7+ Australia Chmps) 46.2
 5. Lee Evans, San Jose St (47.1 v Cal; 46.3 v Ariz St, BYU; 47.4 Haw) 46.3*
 6. Randy Clewis, Lamar Tech 46.4
 7. Conley Brown, Rice (46.9n Tri/Hous; 47.0n CC; 46.8n Tri/Austin) 46.6n
- Don Domansky', UCLA (46.8 v Kans; 47.0 v Ore St) 46.6
Curtis Mills, Tex A&M/Fr (46.6n v Rice, Tex) 46.6n*
46.8, Ron Freeman II (Ariz St), *Bob Tobler (Ft MacArthur). 46.9, *Jim Ward (Stanford). 47.0, Wayne Collett (UCLA Fr).

880 YARD RUN

On Occidental's track reputed for its long list of sub-1:50 half-miles, Southern Cal's Carl Trentadue reduced his best from 1:48.8 to 1:47.9 to lead the nation's 880 runners... Kansas State soph Ken Swenson pulled out an impressive half-mile relay leg of 1:47.5 to give his team a 3:17.6 sprint medley at the Texas Relays. His quickest open time is 1:51.6.

1. Carl Trentadue, So Cal (1:47.9 v Oxy; 1:50.0 v Cal) 1:47.9*
 2. Dave Patrick, Villanova (1:48.6 v Tenn) 1:48.6*
 3. Ian Hamilton', Villanova (1:49.5 v Penn St) 1:49.5*
 4. Terry Thompson, Ore St (1:49.5 v El Paso) 1:49.5*
 5. John Lilly, Ore St 1:49.6
 6. Preston Davis, Ft MacArthur (1:50.6h, 1:49.7+ Australian Chmps) 1:49.7+*
 7. Stan Bergeson, BYU/Fr (1:50.0 v Ariz St, Utah; 1:49.8 v Ariz S, SJ) 1:49.8*
- 1:50.0, George Hunt (Tex So), n*Jaakko Tuominen' (BYU). 1:50.2, n*Paul Myers (San Jose St), *Dave Perry (P Coast). 1:50.4, *Ron Freeman II (Ariz St), *Paul Longstreth (Ariz St), n*Jack Malloy (San Jose St). 1:50.5, *Jim Kemp (Ft MacArthur), *Devone Smith (Cal).

ONE MILE RUN

Oregon's distance troops are as strong as ever, certainly considering the quality of the early season times. In the same meet against Southern Cal (Neill Duggan didn't run), Dave Wilborn ran 3:58.4, Arne Kvalheim 3:58.5 and Tom Morrow 4:03.0. Roscoe Divine suffered a fatigue fracture in the right

shinbone before the season began, and what with these impressive performances by his mates and considering his conditioning is slow in returning, he will redshirt this season-- but will still aim for the US Olympic Trials... South African Peter Kaal, 18-year-old frosh at Oklahoma State, came to the US with a 4:01.1 low after only four competitive mile races.

1. Dave Wilborn, Oregon (4:04.3 v Wash; 3:58.4 v So Cal) 3:58.4*
 2. Arne Kvalheim', Oregon (3:58.5n v So Cal) 3:58.5n*
 3. Preston Davis, Ft MacArthur (4:05.6 Intl/Melbourne; 4:01.7 Tex R) 4:01.7*
 4. George Scott', unat (4:02.7 Tri/Tempe/Guest; 4:05.4n Tex R) 4:02.7*
 5. Pete Santos, San Jose St (4:06.5 v Cal; 4:02.8 v Ariz St, BYU) 4:02.8*
 6. Tom Morrow, Oregon (4:06.4n v Wash; 4:03.0n v So Cal) 4:03.0n*
 7. Bob Day, Ft MacArthur (4:03.5 Orange County Inv) 4:03.5*
 8. Brian Woolsey, Texas (4:03.6 Tex R) 4:03.6*
 9. Bob Richards, BYU (4:06.1 Tri/Tempe; 4:04.2n Tri/Tempe) 4:04.2n
- 4:04.3, *Jack Bachelor (Fla TC), *Al Van Troba (ACC). 4:04.4, *Dave Patrick (Vill). 4:04.5, *Kerry Pearce' (El Paso). 4:05.1, n*Neill Duggan (So Cal), *Chuck LaBenz (Ariz St), *John Link (So Cal). 4:05.2, n*Thorn Bigley (Kans Fr). 4:05.7, *Ian Hamilton' (Vill), n*Frank Murphy' (Vill). 4:06.0, Ron Eller (NM), *Dave Farley (Quant), *Gene McClain (Kans), *George Young (unat). 4:06.1, n*Jim Crawford (Harding). 4:06.2, *Ole Oleson (So Cal). 4:06.4, *Jim Letterer (Stan), n*Harry McCalla (USAF). 4:06.5, *Pat Traynor (USAF). 4:06.7, n*Tim Danielson (S Diego TC). 4:06.9, *John Colson (S Diego St), *Ken Robinson (Ariz St). 4:07.2, n*Tom Donnelly (Vill), Bob Price (Athens). 4:07.4, n*John Baker (Athens), *Roger Kathol (Kans), n*Tony Masi (Tenn).
- 1500-meters: 3:40.0, n*Preston Davis (Ft MacArthur). 3:42.7, *George Scott' (unat). 3:48.6, *Dave Wilborn (Ore).

TWO MILE RUN

Arizona State's Jerry Jobski ran seven two-mile races in a 24 day period between 9:00.2 and 8:52.2.

1. George Young, unat (8:50.8 BYU-Ariz St/Guest; 8:37.8 Hawaii) 8:37.8*
 2. Arne Kvalheim', Oregon (8:38.0 v Wash) 8:38.0*
 3. Bob Day, Ft MacArthur (8:41.4n Hawaii) 8:41.4n*
 4. Ole Oleson, So Cal (8:56.4n v Oxy; 8:47.2 v Cal) 8:47.2*
 5. Neill Duggan', So Cal (8:47.6 v Oxy) 8:47.6*
 6. Pat Traynor, USAF (8:50.6 Orange County) 8:50.6*
- 8:51.2, n*Doug Wiebe (Ft MacArthur). 8:51.6, n*John Kennedy (Striders), n*Bob Waldon (Cal). 8:51.8, **Kerry Pearce' (El Paso). 8:52.2, *Jerry Jobski (Ariz St). 8:52.6, Bob Price (Athens). 8:53.2, n*Larry Windward (BYU). 8:53.6, Ralph Gamez (San Jose St). 8:53.8, n*Chuck Schulz (So Cal). 8:55.0, n*Craig Runyan (Colo). 8:55.4, n*Bob Richards (BYU). 8:55.8, n*Scott Bringhurst (Ut), *Dave Wilborn (Ore). 8:56.6, n*Norm Trerise' (Ore). 8:57.0, *Charles Messenger (Vill), *Steve Stageberg (Geotwn). 8:57.2, n*Bill Buerkle (Vill). 8:57.4, *George Husaruk (UCLA), *Jeff Marsee (So Cal Fr). 8:57.8, Pete Santos (San Jose St), n*Rick Trujillo (Colo). 8:58.0, *Jim Baker' (Harv). 8:59.0, n*Doug Hardin (Harv). 8:59.4, n*Bob Boglione (Mesa, Ariz CC). 8:59.6, Peter Brang



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(Mt SAC JC), *Fred Protoppas (Geotwn). 8:59.8, *Mike Lyons (Ore Fr). 9:00.4, Greg Brock (Stan), n*Bob Deines (Oxy). 9:01.0, *Rick Riley (Wash St).

THREE MILE RUN

1. Kerry Pearce', El Paso (13:23.2 Texas R) 13:23.2*
2. Ole Oleson, So Cal (13:38.0° Easter R) 13:38.8**
3. Neill Duggan', So Cal (13:39.8n° Easter R) 13:39.8n°*
4. Jeff Marsee, So Cal Fr (13:40.2n° Easter R) 13:40.2n**
5. Glenn Ogden, Mo (13:42.8n Texas R; 13:59.4 v Minn) 13:42.8n*
- 13:44.8, *Steve Stageberg (Geotwn). 13:46.8, n*John McDonnell' (SWn La).
- 13:47.8, *Joe Lynch (SMAA). 13:48.6, *Jim Murphy (USAF). 13:49.4, n*Gerry Garcia (En NM). 13:49.6, *Bill Clark (Quant), n*Mike Hazilla (Wn Mich), *Walter Reyna (Baylor). 13:50.8, n*Jim Dolan (Mich). 13:52.2, n*Pat McMahon' (Okla Bapt). 13:52.8, n*Dave Compton (Drake). 13:53.8, Bob Price (Athens). 13:54.4, n*Carl Hatfield (W Va). 13:45.6, n*Don Hunt (Miss St). 13:55.2, nEamon O'Reilly (Athens). 13:56.0, n*Homer Martinez (Tex A&I). 13:56.2, n*John Collet (DePaul). 13:56.8, Doug Wiebe (Ft MacArthur). 13:59.8, n*Grant Colehour (En Ky). 14:00.2, nPeter Fredricksson' (SCVYV), nGeorge Husaruk (UCLA). 14:00.8, *Kenny Link (ACC). 14:01.0, n*Vic Nelson (Ky/Fr). 14:01.2, nAndyHerrity' (So Cal Fr). 14:02.2, n*Brian Woolsey (Tex). 14:04.0, n*Mike Sellers (So Cal Fr). 14:07.0, n**Chuck Schulz (So Cal). 14:08.6, n*Bill Reilly (Quant). 14:10.6, *Greg Bagby (S Diego St), *Frank Pflaging (BOC). 14:11.8, *Van Rose (Kans St). 14:12.0, n*Greg Tsevis (Mo). 14:12.6, n*Steve Hoag (Minn). 14:13.8, Dave Cords (Fres St).

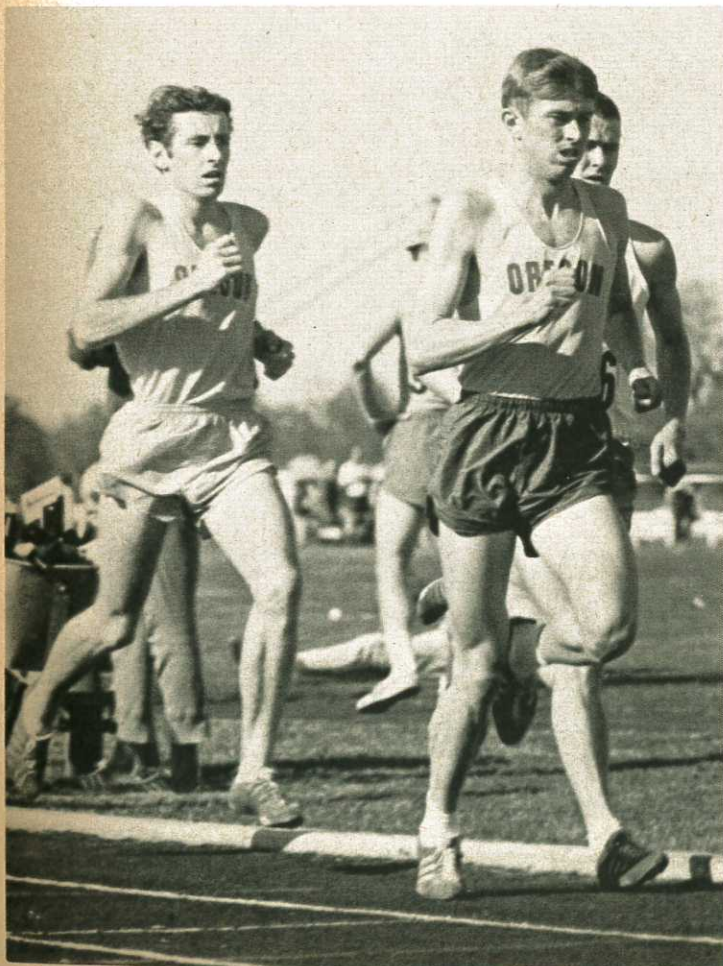
5000-meters: 14:02.6, *Ole Oleson (So Cal). 14:03.6, *Arne Kvalheim' (Ore). 14:04.6, n*Jeff Marsee (So Cal Fr). 14:05.2, n*Tracy Smith (Ft MacArthur). 14:07.6, n*Neill Duggan' (So Cal). 14:10.8, n*Tom Morrow (Ore). 14:12.0, n*John Woodward (Ore). 14:15.0, n*Eamon O'Reilly (Athens). 14:18.8, n*Bob Schul (Athens). 14:20.8, n*Peter Fredricksson' (SCVYV). 14:29.6, n*Bob Deines (Oxy). 14:36.2, n*Mike Sellers (So Cal Fr). 14:38.4, n*Chuck Schulz (So Cal).

SIX MILE RUN

Mike Hazilla of Western Michigan moved to ninth on the all-time US six mile list with his 28:12.0 clocking and eighth on the 10,000-meter list with his 29:07.2 mark in the same race at the Kentucky Relays.

- 28:12.0, *Mike Hazilla (Mich). 28:46.0, n*Lee Frost (Wn Mich).
- 28:53.4, *Billy Mills (S Diego TC). 28:53.6, n*Pat McMahon' (Okla Bapt).
- 29:29.0, n*David Hein (Wn Mich). 29:41.0, n*John Schrader (Wn Mich).
- 29:41.2, n*Vic Nelson (Ky/Fr).

10,000-meters: 29:07.2, *Mike Hazilla (Wn Mich). 29:38.2, n*Jim Murphy (USAF). 29:41.2, n*Lee Frost (Wn Mich). 29:48.4, n*Art Coolidge (Bos AA). 30:24.8, *Bob Price (Athens). 30:28.4, n*David Hein (Wn Mich). 30:32.4, nDave Ellis' (En Mich/Fr). 30:40.4, n*John Schrader (Wn Mich). 30:41.0, n*Vic Nelson (Ky/Fr).



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ARNE KVALHEIM's (leading) year has begun stunningly. Here, in the Sacramento State Invitational, he ran a 14:03.6 5000. TOM MORROW (left) was second, PETER FREDRICKSSON sixth. Kvalheim has since set a collegiate two-mile record of 8:33.2 and run a 3:58.5 mile. (Photo by Jeff Kroot)

3000 METER STEEPLECHASE

- Jim Gorman, basically a half-miler/miler as a frosh last year at Oregon, is the nation's leader in the steeplechase at 8:53.2 after a 9:03.0 earlier.
1. Jim Gorman, Oregon (9:03.0n Sac St Inv; 8:53.2 v So Cal) 8:53.2*
 2. Bob Price, Athens (8:57.6 Sac St Inv) 8:57.6*
 3. Lee Frost, Wn Mich (9:00.6 Ky R) 9:00.6*
 4. Jack Bacheler, Fla TC (9:01.2 Fla R) 9:01.2*
 5. Bill Norris, Ore TC (9:04.6n Sac St Inv; 9:02.4 Ore Open) 9:02.4*
 - 9:06.2, Gary Tuttle (Humboldt St). 9:07.2, *Conrad Nightingale (Unat).
 - 9:07.4, *Tom Donnelly (Vill), n*Cedric Wedemire' (Ore). 9:08.2, n*Jim Murphy (USAF). 9:08.6, n*John Woodward (Port TC). 9:08.8, *Sid Sink (B Green St Fr).
 - 9:10.0, Bruce Mortenson (Port TC). 9:11.0, Darold Dent (S Jose St), *Fred Protoppas (Geotwn). 9:12.4, n*Chris McCubbins (unat). 9:16.2, n*Mike Fischer (Ohio St), *Dave Hein (Wn Mich). 9:16.6, *Ray Barrus (Cougar TC). 9:16.8, *Terry Donnelly (Wm & Mary). 9:17.0, *Bob McElroy (Miami, O). 9:18.8, n*Adrian DeWindt (NM). 9:20.0, n*Fred Guest (Richmond/Fr), Geoff Hollister (Ore).

120 YARD HIGH HURDLES

1. Earl McCullough, SC (14.0 Easter; 13.6 v Oxy; 13.3 v Cal; 13.4 v Ore) 13.3*
2. Richmond Flowers, Tenn (13.7s, 13.6 Fla; 13.5 v Vill; 13.6 Tri) 13.5*
3. Erv Hall, Villanova (13.6n v Tenn) 13.6n*
- Harvey Naim, Southern (13.8w Texas R) 13.6
5. Roy Hicks, Tex So 13.7n
6. Bob Blum, Oregon (14.0 Oregon Open; 13.8n v So Cal) 13.8n*
- Leon Coleman, Striders (13.8m Nn Gms) 13.8m*
- Jeff Howser, Duke (13.7hw, 13.8sw, 13.8w N-Pied; 13.8s, 13.9n Fla) 13.8*
- 13.9, *Ron Copeland (Strid), n*Mike Douglas (Cougar TC), *Ralph Mann (BYU/Fr), *Kelly Myrick (El Paso), *Bob White (Ind). 14.0, *Tom Bonin (BYU), *George Carty (Odessa JC), *1 le Frederick (Ariz), n*Don French (BYU), *Dave Hemery' (Bos U), n*Gar Knoke' (Ore), *Dave Kurrel (P Coast), n*Larry Midlam (Mich), n*Don Parish (C v St), n*Bill Tipton (En Mich/Fr), n*Tom White (Strid), nPaul Gibson (El Paso TC). 14.1, nRobert Green (Tex So), *Blaine Lindgren (unat), *Larry Livers (Athens), nLevi Portis (El Paso/Fr), n*John Sandeen (Ill), *Vic Simmons (Nev), *Dave Stevens (Kans).
- Wind-aided: 13.7, *Jeff Howser (Duke). 13.8, *George Carty (Odessa JC), *Dale Frederick (Ariz), *Tom White (Strid). 13.9, Pat Pomphrey (Athens). 14.0, *Jerry Cerulla (En Mich), n*Mike Kelly (Fla St), *Larry McCready (Nn Ia), *Charles Pollard (Mich St), *John Sandeen (Ill), *Marcus Walker (Butler County JC), *John Warford (Minn).

440 YARD INTERMEDIATE HURDLES

1. Gary Knoke', Oregon (50.6+ Sac St; 51.4 Ore; 51.7 v Wash; 50.3 v SC) 50.3*
2. Ron Whitney, Striders (50.9 Orange County Inv) 50.9*
3. Tom Wyatt, Athens (51.2n+ Sac St; 51.0 v SCVYV; 51.0 Orange Co) 51.0*
4. Wayne Collett, UCLA Fr (51.7 UCLA-Ariz St/Sp; 51.5 Orange Co) 51.5*

Bible of the Sport

- Paddy McCrary, Cal (52.0 v Nev, S Diego; 51.7 v S Jose; 51.5 v Wash) 51.5*
 Geoff Vanderstock, So Cal (52.1 v Oxy; 52.0 v Cal; 51.5n v Ore) 51.5n*
 7. Ralph Mann, BYU/Fr (51.6 v Ariz St, Utah; 51.6 v El Paso, Utah St) 51.6*
 8. Jerry Utecht, So Meth (52.4 Dallas Inv; 51.7 Texas R) 51.7*
 9. David Adkins, Alabama (51.8 Fla R; 52.0+ SWn La R) 51.8*
 Dave Hemery', Boston U (51.8 v Boston C, Brandeis) 51.8*
 51.9, n*Tom Strathairn (Wash). 52.0, n*Bob Blum (Ore), n*+Bill Gairdner (SCVYV). 52.1, n*Dennis Corner (Okla), Larry Walls (San Jose St). 52.2, *Dick Bruggeman (Ohio St), *Mike Douglas (Cougar TC). 52.4, *Mike Kelly (Fla St). 52.4, *Wally Young (Pitt St). 52.5, *Andy Bell (American U), *Wes Brooker (Ind), Joe Ratliff (Baylor), *Val Schierling (Emp St).

HIGH JUMP

Peter Boyce, who is highlighted elsewhere in this edition, is 6'3½", 185-lbs., and was born May 14, 1946. . . Clarence Johnson's biggest obstacle this year may be lingering shin splints--actually picked up from high jumping rather than through his basketball playing.

- Peter Boyce, Stanford (7'3 v Fres St; 6'8 v Wash St; 6'8 v UCLA) 7'3"*
- Ed Caruthers, P Coast (7'2 Easter; 7'1 Hawaii; 7'2 Orange Co) 7'2"*
- Clarence Johnson, Cal (7'1 v S Diego St, Nev; 7'1 v S Jose; 6'8 v Was) 7'1"*
- Rick Sloan, UCLA 7'½"
- Ted Downing, Miami, O (7'¼ v Ohio U; 6'10 v Ball St, Murray St) 7'¼"
- Fred Jackson, Laney JC (7'0 Easter R) 7'0"
- Ron Tull, Okla (7'0 v Ariz; 7'0 v Ariz St) 7'0"
- Otis Burrell, Strid (6'10½ Intl/Trinidad; 6'10 Orange Co) 6'10½"
- Don Lindsey, San Jose St 6'10½"
- 6'10½", Stan Curry (Baylor). 6'10", Lorenzo Allen (Ariz HS), *Mike Bowers (Ann Arbor TC), Ken Brown (Fla A&M), *Steve Brown (Id), Reynaldo Brown (Cal HS), *John Dobroth (P Coast), *Dick Fosbury (Ore St), Harold Greenwood (S Diego CC), *Otis Hailey (Cal HS), *Lonnie Hance (Tenn/Fr), *John Hartfield (Hous Strid), *Gary Hauptert (Ind Fr), *Greg Heet (So Cal), *Ron Jourdan (Fla), *Phil Kastens (NM), *Steve Kelly (Ore St), *Bill McClellon (Sn), Ray McGill (Bakersfield JC), *John Radetich (Ore St), *Jonathan Robinson (Tex So/Fr), Barry Shepard (Arix St), *John Wedel (Ariz). 6'9½", *Willie Soujourner (Weber St/Fr). 6'9½", *Joe Brown (Cal Poly/Pomona). 6'9½", *Louie Wooten (SWn JC).

POLE VAULT

Bob Seagren is reportedly "bored" by the vault this spring, and will try the intermediate hurdles soon. Once, on the spur of the moment, he ran a 2:02 half-mile. . . Foreigners competing in the US are going mighty strong at this point: they claim four of the first six positions in this month's list. . . Here's a new brother combination in Occidental's Steben siblings: junior Andy at 16'5¼" and freshman Don at 14'8½".

- Bob Seagren, SC (16'6 Easter; nh v Oxy; 17'½ CHM; 16'0 v Cal; 17'½ v Ore) 17'½"
- Altti Alarotu, BYU/Fr (16'7½ v Ariz; 17'¼ BYU Inv; 16'11 Tri/Tempe) 17'¼"
- Erkki Mustakari, Fres St (16'0 Easter R; 17'½ v Stanford; 16'6 v SCY) 17'½"
- Jonathan Vaughn, UCLA (16'0 Easter R; 15'6 v Ore St) 16'8½"
- Chris Papanicolaou, San Jose St (16'0 East; 15'6; 16'7 Tri; 16'0 Or C) 16'7"
- John-Erik Blomquist, LA St (16'1 v P Coast) 16'6¼"
- Larry Curtis, Okla St (16'0 Texas R; 16'6 Jacobs Inv) 16'6"
- Paul Wilson, So Cal (16'6 Easter R; 15'6 v Cal; 16'0 v Ore) 16'6"
- Fred Burton, unat (16'5¾ Wichita St R) 16'5¾"
- 16'5¼", Andy Steben (Oxy). 16'4", *Dennis Phillips (Ore St). 16'3", *Vince Bizzarro (Villanova), Jeff Chase (SCVYV). 16'2", *Ed Martensen (SCVYV). 16'1½", Martin Rollins (Tex A&M). 16'1", *Paul Heglar (P Coast), *Hans Lagerquist (P Coast), *Steve Owens (Tenn). 16'¼", *Bill Barrett (En Mich), *Jon Cafey (NM). 16'0", Pinto Beene (El Paso TC), *Mel Hein (Strid), *Sam Kirk (unat), *Wayne Lambert (Wn Mich), *Mike Robinson (Cal), *Chuck Rogers (Colo), *Bob Slover (S Jose St). 15'11½", *Rick Olander (Grossmont JC). 15'10", *Mardon Connelly (Utah St). 15'9", *Dick Rambo (Ariz St). 15'7", Bobby Brown (SEN La), *Mike Flanagan (Fla).

LONG JUMP

Buried behind Gayle Hopkins winning windy leap of 26'8½" at the Australian Championships was a 26'5¾" legal mark. . . his best since 1964.

- Gayle Hopkins, PAA (26'5¾, 26'8½w Australian Chmps) 26'5¾"
- Jerry Proctor, Redlands/Fr (26'4 Claremont) 26'4"
- Bob Beamon, El Paso (25'8¾ v Ore St; 26'1 Texas R) 26'1"
- Perti Pousi, BYU (25'4 BYU; 24'6 v S Jose, Ariz St; 25'9w Tri) 25'4"
- Roy Hicks, Tex So (24'7¾w Corpus Christi) 25'2"
- Jim Blaisdell, BYU (24'9 BYU) 25'2"
- Bill Miller, unat (25'½ Quad/Abilene; 24'9¾w Corpus Christi) 25'1½"
- Charlie Olds, Ore St (25'0 v El Paso; 24'9¾w v UCLA) 25'0"
- 24'11½", *Robert Bethea (El Paso), *Phil Shinnick (USAF). 24'10½", *Aaron Hopkins (Toledo). 24'10¼", Don Warren (NE La St). 24'9½", *Mike McMannon (Ky HS). 24'7¾", Barrie Johnson' (Wash St), John Johnson (UCLA). 24'7", *Tom Smith (Ore). 24'6½", Ricky Rogers (San Jose St), *Brian Skinner (Fla A&M). 24'6¼", *Delbur Thompson (Nev). 24'6", *Marion Anderson (C Costa JC), *Bob Hanrahan (BYU). 24'5", *Freddie Fox (McMurry).
 Wind-aided: 26'8½", *Gayle Hopkins (PAA). 25'9", Perti Pousi' (BYU). 25'0", *Gary Rainwater (Mo). 24'11¾", *Mike Jackson (Ore St). 24'11¼", Stan Royster (Cal). 24'9", *Phil Lusk (Tex HS). 24'8¾", *Delbur Thompson (Nev). 24'8½", *Charles Clifton (Tex). 24'8¼", *John Johnson (UCLA).

TRIPLE JUMP

UCLA's Gerald Lee, fifth in the NCAA triple last year, is out for the season with mononucleosis.

- Charles Craig, P Coast (52'¼ Claremont; 50'4 Orange County) 52'¼"
- Aaron Hopkins, Toledo (51'4½ Ohio U R) 51'4½"
- Lincoln Jackson, SCVYV (50'8 Sac St; 51'4½ v Athens) 51'4½"
- Cal Hill, Yale (51'3¾ Florida R) 51'3¾"
- Sam Gipson, L Beach CC (49'6¾ Dual; 49'½ Dual; 51'¼ v Bakfld; 48'11½) 51'¼"
- Darrell Horn, Athens (50'5¾ v SCVYV) 50'5¾"
- Todd Gaskill, Athens (49'7¼ Sac St; 50'4 v SCVYV) 50'4"



Oregon sophomore GARY KNOKE (left), out to impress the Australian Olympic selection committee, sped to a fine 50.3 400-meter hurdle clocking at the Sacramento State Invitational while Athens' TOM WYATT (right) ran 50.9 in second. Knoke has since run 50.3 for yards, equal to a metric 50.0. (Murdock photo)

- Gerald Lee, UCLA (50'3 Easter; 49'2½ v Kans; 51'5¾w, 50'2¾ v Ore S) 50'3"
- 50'2¾", *Tim Barrett' (So Cal). 50'2½", *Ian Arnold' (Stanford). 50'2", Ken Gaines (Kans). 49'9¼", *Red Ehlburg (Ariz). 49'8", *Dave Broad (Oxy). 49'7¼", *Doug Ford (UCLA). 49'6", *Bob Beamon (El Paso). 49'5¼", *Lennox Burgher' (Neb). 49'3", *Brian Skinner (Fla A&M). 49'2¾", *Barrie Johnson' (Wash St), Perti Pousi' (BYU). 49'2½", Jerry Proctor (Redlands/Fr). 49'2", *Chris Watkins (ELAJC). 49'1¾", *Tom Massey (Stanford). 49'1½", *Eric Klein (Wash). 49'1", *Mickey Jones (Auburn). 48'11½", Bob Hester (S Fern Val St). 48'10½", *Bob Hanrahan (BYU). 48'10", *Charles Gray (Sac St).
 Wind-aided: 52'2½", *Art Baxter (NM). 51'5¾", *Gerald Lee (UCLA). 51'5¼", *John Vernon' (So Ill). 50'11¾", Clarence Robinson (unat). 49'6¾", *Craig Fay (Nn Iowa). 49'2½", *Henry Granger (Tol). 49'¾", *Richard Boehringer' (Emp St). 48'11¾", *N.S. Hurd (Odessa JC). 48'11", *Howard Pratt (Phoenix JC). 48'10", *Don Rencher (Wn Mich).

SHOT PUT

George Woods seems to be getting closer and closer to an Olympic team berth, now that he has hefted the shot out 68'11"--an improvement from 66'11" indoors. It moves him into third best ever, right behind Randy Matson and Neal Steinhauer, with whom he should share a US team spot. His series in the Hawaiian meet went F, F, 67'6", 68'1", 67'9", F. "I see no reason why I can't make 70-feet," he said later.

- George Woods, P Coast (62'½ Easter; 65'4½ CHM; 68'1 Hawaii) 68'11"
- Randy Matson, Hous Strid (66'5½ Texas R/Guest) 66'5½"
- Neal Steinhauer, Presidio (65'1½ Ore Open; 65'5 Hawaii) 65'5"
- Dave Maggard, SCVYV (64'5 v Athens; 64'8 Orange Co) 64'8"
- Ken Patera, Portland TC (63'3 v Pacific; 60'5 Willamette R) 63'3"
- Jon Cole, unat 62'10¼"
- Jay Silvester, unat (62'9¼ Australian Chmps) 62'9¼"
- Steve Marcus, UCLA (59'3 Eas; 58'10v Kans; 62'0 v OreS; 62'6¾ v Stan) 62'6¾"
- John Van Reenen', Wash St (59'11 Ban; 59'9¾; 61'9½ v Stan; 61'7½ v OreS) 61'9½"
- Dave Davis, P Coast (58'0 Claremont; 57'1 v LA St) 61'6"
- 61'2½", *Karl Salb (Kans Fr). 60'4¾", *Brian Oldfield (UCTC). 60'1¼", *Jim Hannefield (P Coast). 59'11", *John McGrath (PAA). 59'4½", *Isiah Oakes (Ariz St). 58'11¼", Dave Murphy (Fullerton JC). 58'8½", *John Hubbell (Wash). 58'7½", Clay Larson (Hayward St). 58'6½", *Carl Wallin (Presidio). 58'6", 58'7½", *Bruce Wilhelm (UCLA). 58'2¾", *Bruce Wilhelm Tom Colich (So Cal). 58'3¾", Russ Hodge (UCLA). 57'11", *Don Tollefson (Staters TC). (unat). 58'0", *Jim Ar buckle (Ind). 57'11½", *Don Tollefson (Staters TC). 57'10¾", *Larry Wright (Kans St). 57'8½", *Gene Kanavel (Nev). 57'4", *George Resley (Tex A&M). 57'2½", *Ray Hiscock (S Diego TC). 57'2", *Al Feuerbach (Emporia St). 57'1¾", *Clark Chelsey (UCSB). 57'½", *John Allamano (Wash), *Joe Keshmiri' (Nev). 56'10½", Mike Mercer' (Utah St). 56'8", *Ernie Hearon (BOC). 56'7", Steve Wilhelm (Kans Fr). 56'6¾", Mark Ostoich (UCLA Fr). 56'6½", *Ronnie Lightfoot (Tex A&M). 56'4¾", Gene Smith (Wn Ky).

DISCUS THROW

South Africa's and Washington State's John Van Reenen came within only two inches in the shot of establishing life-time bests in both weight events in a dual meet on April 13: 61'7 1/2" and 195'10".

- George Puce, Strid 211'3"
- Jay Silvester, unat (197'7 Australia Chmps) 199'11"
- John Van Reenen, Wash St (179'3 Wash St; 186'2 v Stan; 195'10 v Ore S) 195'10"
- Parry O'Brien, unat (176'11 Easter; 182'3 PCC-LA St; 177'10 Orange) 191'11"
- Gary Ordway, P Coast (172'8 Claremont; 178'11 v LA St) 190'5"
- Bill Neville, PAA (190'1 P Coast-LA St; 182'9 Orange County) 190'11"
- Larry Kennedy, Athens (178'0 Sac St; 173'11; 189'4 Dual; 173'4 Or) 189'4"
- Tim Vollmer, Ore St (177'3 v El Paso; 189'3 v UCLA; 181'3 v Wash St) 189'3"
- Gary Carlsen, unat (189'0 Easter; 182'11 Orange County) 189'0"
- Joe Keshmiri, Nev (172'1 Tri/Berk; 176'4 Davis; 174'6 Tri/Reno) 188'7"
- 188'6", *John Morton (Fla). 186'9", *Gary Schwartz (Hocking Val TC). 184'4", *Mike Hoffman (BYU). 183'0", *Miles Lister (P Coast). 181'6", George Woods (P Coast). 180'11", *Ed Kohler (Strid). 180'5", Steve Johnson (So Cal). 179'11", Joh Bakkensen (Athens). 179'7", *Don Tollefson (Staters). 178'7", Joe Autunovich (So Cal/Fr). 177'11", *Neal Steinhauer (Presidio). 177'8", *Ervin Jaros (NM). 176'6", *Mike Jeffrey (NM), *Ain Roost' (Utah St). 176'5", Kenth Svensson' (Fres St). 176'4", Isiah Oakes (Ariz St). 176'2", *Jim McArdle (Ariz). 176'1", *Doug Knop (Kans). 175'9", Tom Lester (Cal Fr). 175'8", *Gordon Wheeler (Okla). 175'6", *Les Rager (Tenn). 175'3", *Rich Mandas (Air Force). 175'2", *David Parsons (ACC). 174'9", *Jim Peters (UCLA), *Ernst Soudek' (Ann Arbor TC). 174'3", *Zigurt Strauts' (Ore). 173'4", Dave Weber (P Coast). 172'9", Kirk Wassell (UCLA). 172'8", *Mike Louisiana (BYU). 172'7", *Karl Salb (Kans Fr). 172'5", *Phillip Gary (Ky St)

HAMMER THROW

- Wayne Pangburn, Presidio (199'5 v SCVYV; 199'10 Quad/Sac) 199'10"
- Larry Hart, Army (188'10 v Penn St; 19'11 v Yale) 191'11"
- 191'7", *Jim Pryde (SE.C). 190'6", *Richard Sherman (St John's). 188'9", *Augie Zilinear (Monmouth, NJ). 188'8", Stew Thomson (NYAC). 188'6", *Jim Kavanaugh (Boston C). 188'5", *Steve DeAutremont (Ore St). 180'7", *David Leitch' (Ohio U Fr). 176'11", *Ron Wilson (Harv). 173'7", *Charles Ajoitian (Harv).

JAVELIN THROW

Confusion is almost certain to prevail. There are two javelin throwers who go by the name of Roger Collins--and they're within five feet of the other in distance thrown this year. The high school leader of two years ago is the one at Clemson, with a best of 243'5" this year, while the other is listed as unattached from Kansas State (237'5").

- Larry Stuart, Strid (243'11 Easter; 239'10 CHM; c237'0 Orange Co) 272'3"
- Frank Covelli, P Coast (256'3 CHM; 253'2 v LA St; 265'8 Orange) 265'8"
- Ben Laville, unat (204'10 CHM) 260'2"
- Mark Murro, Mesa, Ariz CC (246'5 v Phoenix CC) 260'0"
- Ake Nilsson, NM/Fr (257'4 v Colo; 248'4 v Okla St; 232'9 Jacobs) 257'4"

Errata, Addenda

- Additional late indoor marks: 50, Stan Gay (Purdue) 5.2n. 60, 'Ron Monsegue (Moorhead St) 6.0. 300, Fred Galbreath (Nn Ariz) 31.0d. 880, Mark Winzenried (Wisc Fr) 1:50.1d. HJ, Randy Crady (Ill HS) 6'10". SP, Mike Mercer (Utah St) 59'3 1/4".
- Additions to Outdoor Preview: 440IH, Chuck LeMon (Wn Mich) 50.9, fifth in last year's NCAA meet.
- Eligibility changes: Pat Collins 1:52.2 (Ore St--Mt Hood CC). Luther Goin 19.2 LH, 23'10" (Ore--Mt Hood CC). Terry Beadle 220'8" (Ore--Mt Hood).

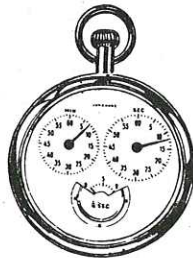
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- Dick Legas, Ft MacArthur (231'10; 242'6 CHM; 235'2; 250'6 v LA St) 250'6"
- John Burns, Athens (242'0 v SCVYV; 249'11 Orange Co) 249'11"
- Tom Colby, Athens (245'1 v SCVYV) 249'2"
- Bill Skinner, Tenn/Fr (247'3 Fla R; 243'7 v Vill; 238'0 v Ind, B Grn) 247'3"
- Gary Stenlund, Hocking Val (243'2 AC/Gainesville; 247'1 Ky R/Quad) 247'1"
- 245'6", *John FitzSimons' (unat). 243'10", *Les Tipton (unat). 243'5", *Roger Collins (Clemson). 242'3", *Fred Luke (Wash). 241'5", *Louis Lenfant (SWN La). 240'0", *Phil Conley (SCVYV). 239'5", *Mike Lyngstad (Mont). 239'0", *Bob Engelstad (UCSB). 238'10", *Bob Wallis (Army). 238'3", *Jim Stevenson (Strid). 237'5", *Roger Collins (unat). 237'4", *Carl O'Donnell (Wash St). 236'10", Bob Rautio (Nev). 236'2", Chuck Polizzi (P Coast). 236'0", *Foss Miller (Wash St). 235'3", Tom Frisbee (Redlands). 235'2", *Jim Clark (Athens). 234'9", Mike Bushey (S Diego St). 234'4", *Bobby Barnes (McNeese St). 234'2", *Bill Heikkila' (Ore TC). 234'0", *Mike Prudenti (Wyo). 233'5", *Bob Lambert (Athens). 232'10", Frank San Filippo (Cal Poly/Pom). 232'9", *S. Buttrill (Navy). 232'7", Ake Nilsson' (NM). 231'11", *Fred Andrew (C Wash), Gary Pennington (Cal). 230'11", *Dave Vander Griend (Wn Wash).

440 YARD RELAY

- Southern California (39.7 Easter; 40.0 v Oxy; 39.5 v Cal; 40.0 v Ore) 39.5"
- Florida A&M (40.1 Florida R) 40.1
- San Jose State (40.4n Easter; 40.1 v Cal; 40.4 v Ariz St, BYU) 40.1"
- Kansas State (41.0h, 40.3 Tex R; 41.0 v SMU; 40.8 Jacobs) 40.3"
- Oregon State (40.7 v El Paso; 40.3 v Wash St) 40.3"
- Southern (40.7h, 40.3 Texas R/CD) 40.3"
- Santa Clara Valley Youth Village (40.4+ Sac St) 40.4"
- Washington State (41.0 Wash St; 40.4n v Ore St) 40.4n"
- 40.5, *Kansas, *Tennessee, UCLA. 40.6, *Rice. 40.7, *New Mexico, *Oklahoma, n*Trinity. 40.8, Arizona State, *Bowling Green St, n*SF Austin St. 40.9, n*Baylor, n*Georgia Tech, nPrairie View A&M, nTexas Southern, n*Utah. 41.0, *Dallas Baptist JC, *Cal Poly/San Luis Obispo, n*El Paso, n*Grambling, *Striders, Texas A&I, *Western Michigan.

880 YARD RELAY

- Southern California (1:23.6 Easter) 1:23.6"
- Southern (1:24.8h, 1:23.8 Texas R/CD) 1:23.8"
- San Jose State (1:24.0n Easter) 1:24.0n"
- 1:24.1, *Kansas. 1:24.2, *Rice. 1:24.3, n*Trinity. 1:24.6, *LSU. 1:24.7, *SF Austin State. 1:24.9, n*Southwestern Louisiana, *Texas A&I. 1:25.0, Florida A&M. 1:25.2, n*Baylor, n*Southern California Frosh. 1:25.3, n*Houston, *Ohio U. 1:25.4, *Western Michigan. 1:25.5, *Cal Poly/SLO, *Idaho State, n*Notre Dame. 1:25.7, *Texas Christian.

ONE MILE RELAY

As anticipated, the great mile relaying this year is coming from the southwest--but no team has begun to reach its potential.

- Southern (3:10.1 Prairie View R; 3:11.3h, 3:07.0 Texas R/CD) 3:07.0"
- Texas (3:10.4n Quad; 3:10.0 C Ch; 3:11.2h, 3:07.0 Tex R; 3:08.6 Tri) 3:07.0"
- Lamar Tech (3:11.6 Quad, 3:10.1 v Hous; 3:09.8h, 3:08.0 Tex R) 3:07.5"
- Rice (3:09.4 Quad; 3:10.1n C Ch; 3:11.9nh, 3:07.9n Tex R; 3:08.7n Tri) 3:07.9"
- Prairie View A&M (3:10.5n Prairie View R; 3:08.6n Texas R/CD) 3:08.6n"
- Tennessee (3:09.3 Fla R; 3:09.7n v Vill; 3:11.2 v Ind, B Green St) 3:09.3"
- 3:09.4, *Villanova. 3:09.6, n*Yale. 3:10.1, nTexas A&M. 3:10.2, nArkansas AM&N, *El Paso, *San Jose State. 3:10.3, n*Arizona State. 3:10.4, *Ft MacArthur. 3:10.6, n*BYU. 3:10.7, nHouston. 3:10.8, n*Southwestern Louisiana. 3:10.9, n*Drake. 3:11.0, n*Rutgers, n*Striders. 3:11.8, n*So Cal. 3:11.9, *Kansas. 3:12.0, n*Eastern Kentucky, n*Middle Tennessee State, n*Northeastern Louisiana State, n*Texas A&I.

TWO MILE RELAY

- San Jose State (7:24.0n Easter R) 7:24.0n"
- Southern California (7:24.0 Easter R) 7:24.0"
- Georgetown (7:25.6 Florida R; 7:33.4 Colonial R) 7:25.6"
- 7:26.2, *Texas. 7:27.0, n*Missouri. 7:27.6, n*El Paso. 7:28.0, *Michigan. 7:29.0, n*Tennessee. 7:31.8, n*Maryland. 7:32.4, nFort MacArthur. 7:32.6, n*Nebraska, n*Western Michigan. 7:32.8, n*Florida. 7:33.4, n*Florida State. n*William & Mary. 7:34.6, *Loyola. 7:35.0, n*Oklahoma State. 7:35.2, *Lamar Tech. 7:36.0, n*Tulane.

FOUR MILE RELAY

- 16:59.8, *Kent State. 17:00.4, n*Drake, *Kansas. 17:01.0, n*Michigan. 17:04.2, n*Western Michigan, n*Notre Dame. 17:07.4, n*Eastern Michigan.

SPRINT MEDLEY RELAY

- 3:17.6, *Kansas State, n*Texas. 3:18.2, *Yale. 3:18.6, n*Tennessee. 3:19.7, n*Lamar Tech. 3:20.3, n*Drake. 3:20.9, *Prairie View A&M. 3:21.0, n*Southern. 3:23.0, *Oklahoma. 3:23.2, nArkansas AM&N. 3:23.2, n*Alabama. 3:23.5, n*Eastern Kentucky, n*Pittsburg State. 3:23.8, n*South Carolina. 3:24.0, *Notre Dame.

DISTANCE MEDLEY RELAY

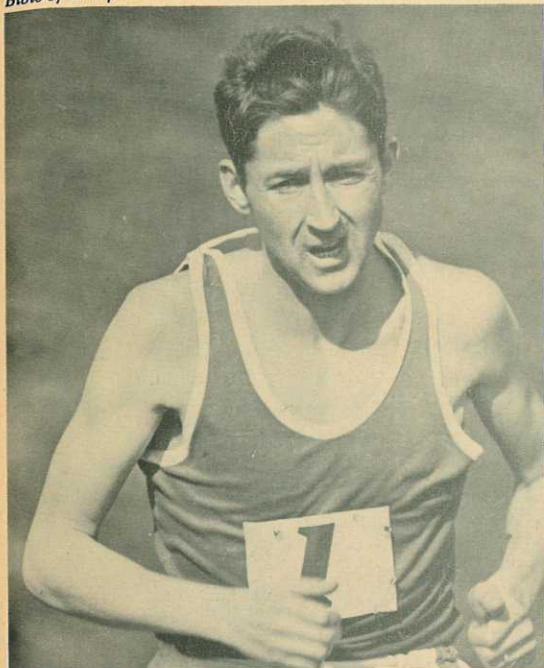
- 9:45.2, *Drake. 9:46.2, n*Kansas. 9:46.6, n*Missouri. 9:48.8, *Kent State. 9:50.6, *Colgate. 9:51.0, n*Texas. 9:51.4, n*Notre Dame. 9:53.6, n*Eastern Kentucky. 9:53.8, n*El Paso. 9:54.0, n*Georgetown. 9:56.0, Southern California. 9:56.6, n*Southern Methodist. 9:58.0, n*Ohio State. 9:58.6, n*Ohio U.

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The Striders averaged 14.05 per man in skipping to a 56.2 clocking in the 480-yard shuttle hurdle relay--a reduction of the world and American bests by a half-second.

- Striders (57.2 Hancock R; 56.2 Orange Co) 56.2"
- 57.0, n*Athens. 57.4, *Western Michigan. 58.1, *Florida. 58.2, n*Eastern Michigan. 58.3, n*Illinois. 58.6, n*Yale. 58.7, n*Tennessee. 59.1, n*Eastern Kentucky. 59.2, n*Florida State. 59.5, n*Ohio State.

Bible of the Sport



RON HILL got caught in a traffic jam and arrived only ten minutes before the AAA 10-mile championship was due to begin. He barely had time to change clothes. Then he went out and ran 47:02.2, lowering Ron Clarke's old world mark by over 10 seconds. (Photo by Ed Lacey)

EUROPEAN REPORT

by Roberto Quercetani

A new Swedish discus record featured the early start of the Scandinavian season. Ricky Bruch, who was in the US not so long ago, hurled the discus 198'8" (60.58), the first 60-meter-plus throw by a Swede. Ricky, who will be 22 in July, did that in a local meet at Malmo, March 30. Early in the meet he got one off to well over 200-feet, but the implement--which was previously checked at a butcher's shop and found to be slightly overweight--was rechecked by meet officials and found to be just as slightly underweight. Ricky borrowed another discus and broke Lars Haglund's record with that. The next day, still at Malmo, Bruch threw 196'8 $\frac{1}{2}$ ", still a fraction over the listed record.

Other leading marks by European throwers: Shot, Pierre Colnard (Fr) 61'4 $\frac{3}{4}$ "; hammer, Hans Fahsl (WG) 220'6", Lutz Caspers (WG) 217'0"; javelin, Pauli Nevala (Fin) 255'7 $\frac{1}{2}$ ". This last occurred in a meet at Abidjan (Ivory Coast) over the last March weekend. In the same meet, Wilson Kiprugut of Kenya was surprisingly nosed out by Enrique Bondia of Spain in a hectic 800-meter finish, 1:51.2 to 1:51.3. Kip Keino ran 5000-meters in 14:07.8.

Some French athletes competed in Guadeloupe. Roger Bambuck won the 100-meters in 10.3 and the 200 in 21.1, and Robert Sainte-Rose high jumped 6'10 $\frac{1}{4}$ ".

A previously unreported indoor mark: At Jablonec, Czechoslovakia, Feb. 22, Milan Kotik ran the 50-meter hurdles in 6.4, equaling Eddy Ottoz's world indoor best for the distance. Kotik, better known perhaps as a decathlon man, ran on a rubber-and-asphalt track at the Czechoslovak championships. (Two weeks later he was third to Ottoz and West Germany's Nickel in the European Indoor Games at Madrid.)

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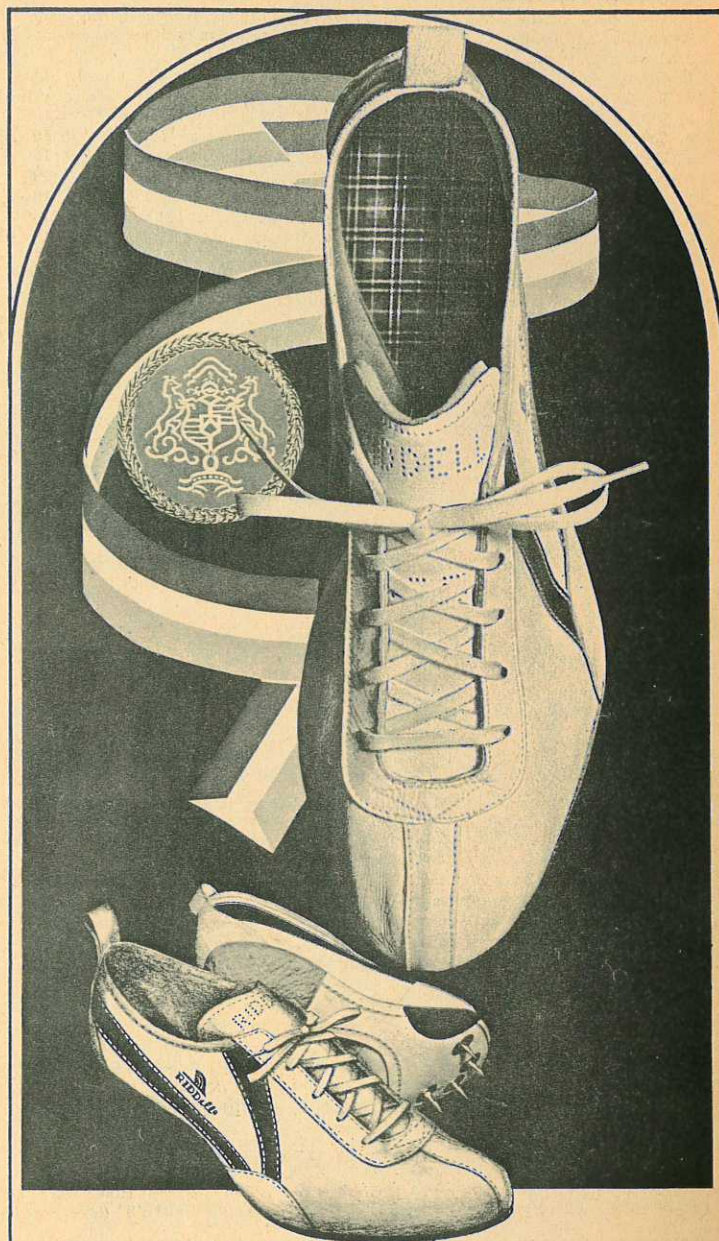
Fred Wilt, who did such a great job with his "How They Train" has done it again. In preparing the "Diary" he drew on the knowledge accumulated in more than 20 years of studious participation in the world of track and field. He solicited the ideas and opinions of athletes, coaches, doctors, and others. The result? An entirely new concept in diaries.

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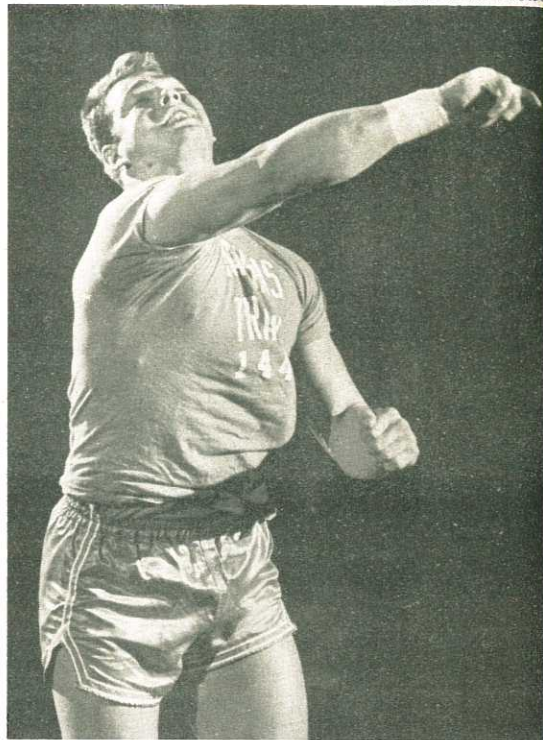


RIDDELL



Two college freshmen have impressive performances early this season. LEFT: Southwestern Louisiana's AARON THOMPSON (right) has sped a 45.8 relay quarter.

RIGHT: KARL SALB of Kansas has lofted the shot 61'2½". (Photo by Rich Clarkson)



PROFILE OF A CHAMPION

Salb on the Way to Goals

by Jack Shepard

Before the indoor season began, Kansas freshman Karl Salb set three goals for himself, and in his very first indoor meet he topped goal number one. Karl, the prep shot record holder from Crossett, Ark., wanted to reach 60-foot indoors, 65-foot outdoors and earn a spot on the Olympic team. His long range goal is 70-feet. In his first competitive try with the 16-lb. shot, Karl hit 60½" at an indoor meet in December and has since done 61'2½". Randy Matson threw only 57'1" his first time out as a frosh, and the best first attempt with the 16-lb. ball may have been Matson's 53'5" as a high school senior.

As a junior in high school, Salb raised few eyebrows with his 61'1¼" as he ranked behind four other juniors and a soph on the national high school lists. But during the three-month season in Arkansas this past year, Salb raised his bests to impressive figures of 66'9¾" and 184'4" and won both shot and discus titles in the state meet. A month later, he topped Dallas Long's prep record of 69'3" by three inches at the Golden West Invitational. Salb also played football well enough in the fall of 1966 to earn high school All-American honorable mention as a defensive tackle.

Matson has said Salb has one of the fastest arms he has seen, and this quickness which is so important to an explosive delivery should help him achieve the potential predicted by Bob Timmons, his coach at Kansas.

At 6'3" and 246-lbs., Karl has gained 20-lbs. this fall through a new exercise for him—weight-lifting. Karl credits his frosh teammate Steve Wilhelm with helping him learn lifting. Steve should also provide Karl with plenty of competition from now on. He's a 58'3" thrower himself.

Karl Leo Salb was born May 19, 1949, in Crossett, Ark. The doctor's son is planning to major in pharmacy at Kansas. Progression:

Year	Age	School	Grade	SP	DT
1964	15	Crossett Jr HS	9	53'6" (8-lb)	160'6" (JrHS)
1965	16	Crossett HS	10	50'6" (12-lb)	155'6½" (HS)
1966	17	Crossett HS	11	61'1¼" (12-lb)	166'9" (HS)
1967	18	Crossett HS	12	69'6" (12-lb)	184'4" (HS)

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Frosh-JC Report

by Jack Shepard

(Send Frosh-JC news to 7131 Neff, Houston, Texas 77036)

Even with the lack of records, early April produced a high level of quality marks, portending great things for May, the high point of the Frosh-JC season. Biggest non-record happenings occurred in Texas, Ohio and Kansas.

After anchoring Texas to a swift 3:07.0 at the Texas Relays with a spectacular 45.0, Dave Morton came back five days later and produced a 46.0 in winning over Texas A&M frosh Curtis Mills (46.6) and then ran a 45.8 relay leg.

Up Ohio way, Canadian Dave Leitch of Ohio U is warming up for the hammer and his first two meets have produced marks of 180'2" and 179'2", second and third best on record.

At the Wichita State Relays, frosh teammates at Kansas, Karl Salb and Steve Wilhelm, had a great day. Salb won the shot and discus with a great frosh weight double of 61'2½" and 172'7", while Wilhelm took third in each event with 56'7" and 168'8" marks. Only Randy Matson and Dallas Long ever put farther than Salb's best heave as a frosh. Fort Scott JC's Mel Gray clocked a windy 9.4 at this meet, then did 9.3 and 20.6 under unknown wind conditions a few days later.

Three teams have produced most of the action. Mesa CC continues to top the JC scene, while Brigham Young and Southern California are easily the freshman powers. At Mesa, Mark Murro has recent 251'7" and 246'5" marks for six of seven meets over 240-feet. Mike Fray's latest clockings are 9.4, 21.2 and 20.4w. Bob Boglione leads JC two-milers with 8:59.4.

Brigham Young has three event leaders. Besides Alti Alarotu's 17'1¼" (and 16'11"), the school has hurdler Ralph Mann (13.9) and half-miler Stan Bergeson (1:49.8). Over the 440 hurdles, Mann barely trails UCLA's Wayne Collett, 51.6 to 51.7. Southern California has amazing distance depth and good sprint and field power to go with it. The team has produced second bests ever in the 880 relay (1:25.2) and 5000 (Jeff Marssee, 14:04.6), and Marssee also leads the two and three-milers with 8:57.4 and 13:40.2. SC has three runners under 14-minutes and three more under 14:34 at three-miles.

Mark Murro is not all the news in the javelin. Veteran Bill Skinner, at 28, has enrolled at Tennessee and opened with 247'3" and 243'7" marks. First major relays winner was Southern Illinois' Dan Tindall with 219'1" at Texas.

There is very poor depth in the jumps, except the high jump. Indiana's Gary Hauptert, Tennessee's Lonnie Hance and Texas Southern's Jonathan Robinson are the latest additions to the 6'10" crowd behind seven-footer Fred Jackson of Laney JC. Long Beach CC's Sam Gipson has triple jumped 51'¼".

Bowling Green's Sid Sink may become an impressive steeplechaser. He ran 9:04.0 indoors without a water jump and then outdoors (with water) his 9:08.8 is third best ever among frosh. Kentucky's Vic Nelson ran a 30:41.0 and 14:01.0 two-day, 10,000-three-mile double at the Kentucky Relays.

Though overshadowed by Mike Fray, there are several impressive new sprinters. Wharton JC frosh Cliff Branch has run 9.4 legally, and S.F. Austin State's Andy Hopkins and Jimmy White both have windy 9.4s, along with Reggie Pruitt of American River JC. Odessa JC's George Carty leads the JC highs at 14.0 plus a 13.8 under questionable wind conditions.

The very last gasp of the indoor season produced a frosh 880 record of 1:50.1 when Wisconsin's Mark Winzenried went after the 1:50.5 record set earlier this year. Wisconsin's 3:18.8 mile relay time is just a fifth off the frosh record.

Prep Panorama

by Fran Errota

(Send prep news to P. O. Box 781, San Jose, Calif. 95106)

High jumpers on the high school level continue to sparkle. Reynaldo Brown (Compton) is not the only one over 6'10" in an early-season meet. Fellow Californian Otis Hailey (Wasco) has also scaled the same height while Dave Bradford (Compton) has gone 6'8". Andre Jones (Long Beach Poly) has sailed over 6'9" and Lorenzo Allen (Casa Grande, Ariz.) has cleared 6'8½". . . The Bob Richards, Jr., who has vaulted 15'1" for Bonita High School in La Verne, Calif., is the son of the former vaulting Parson, Bob Richards, Sr. . . Veteran track observers in New Mexico tab Gil Perea (Valley of Albuquerque) as a future great in the 440. A sub-47.0 effort this year would not surprise many. Off his 49.5 indoors, one has to take notice. . . Arizona, Florida, Washington and Texas have already released at least two track and field honor rolls on a weekly basis. Newspapermen have long taken the responsibility of tabulating statewide lists, but coaches associations have developed a fine tradition in that regard in Florida and Arizona. . . Dave Maggard, one of the world's finest shot putters, has one of the finest prep prospects in the country in sophomore middle distance runner Rick Brown of Los Altos, Calif. In a recent dual meet, Rick ran a 1:57.0 half-mile and came back a short time later to win the 440 in 50.1. He also ran a leg on the winning mile relay team. . . Before this season, Los Altos had lost but one dual meet since opening its doors in 1957. Then in a period of 6 days, March 19 and 25, Sunnyvale and Homestead of Cupertino both turned back the Knights in interesting meets.

Eastern seaboard track fans from Maine to Washington, D.C., are all excited about the inaugural Loucks Memorial Games, May 11, at White Plains, N. Y. The purpose of the meet, besides being a living memorial to the late White Plains High coach and athletic director Dean Loucks, will bring together in good competition the outstanding athletes along the eastern seaboard. Minimum standards have been established to assure top calibre athletes. . . It is surprising to read and/or see where officials continue to measure discus throws to the quarter-inch. Recently we saw two athletes who had throws measured to the eighth-inch. Internationally, the smallest English increment is an inch—which we also use for preps in T&FN. . . Tom Davidson (El Cajon Valley High) holds best times in three events for the San Diego Section with outdoor efforts of 1:55.2 in the 880, 4:11.5 for the mile and 9:14.2 for two-miles. . . When Bill Hatcher (Shawnee Mission North in Kansas) vaulted 14'8" March 23 in Olathe, he accounted for an all-time Kansas record. Bill McGuire of Wichita East in 1965, held the old mark at 14'7½". . . Melmont Taylor (Hartford, Conn.), one of the finest weight prospects in the country, started his junior season with a toss of 61'7½" in the shot put. . . Kim Koffman warns of a future great from Kingsport, Tenn., in Darewin Bond, a soph, who in Knoxville's News-Sentinel Relays won the 440 in 49.3 and the 220 in 22.3 and was second in the 100 in 10.1.

It didn't take Casey Carrigan, the Orting, Wash., junior, long to clear 15'0". Now he's aiming for 16-feet, and then he'll start thing of Paul Wilson's 16'6½" prep standard. . . When Tebby Thames of Monterey High in Lubbock, Tex., cleared 15'0", he was the first Texas schoolboy to accomplish that feat since 1965. . . One of the most underrated athletes in Texas may well be Phil Lusk of Moody in Corpus Christi. His 24'9" long jump is more than a foot ahead of the runner-up jumper in the state, and he also has clocked 21.4 for the 220. . . Shawnee Mission North in Kansas has one of the finest athletes in the country in Bob Bornkessel, who did 14.2 and 18.9 in early-season efforts at the Washington Relays, April 6. The same school also boasts Bill Hatcher, whose 14'10" in the pole vault is a best-ever by a Kansas prep. . . Another Kansan from a North High, this one in Wichita, boasts the fastest prep miler in the nation. That would be Bob Barratti, who did 4:10.5 in the Wichita State Relays, April 6.

Doug Lane from Jefferson of Cedar Rapids, Ia., did 67'4" in the Mississippi Valley meet to crack the national prep indoor mark. He may just give Sam Walker a run for that national outdoor standard, although he has a lot of catching up ahead of him. . . The Oceanside, Calif., 440 relay team thought it had equaled the fastest time in the nation with a 41.5. But that was before a disqualification was announced and Lincoln of San Diego was declared the winner in 41.8. Oceanside later won the 880 relay in 1:27.1, fastest in the country, and Lincoln took the mile relay in 3:18.0, fastest in California.

Oregon preps have turned in fine early season marks but none as good as Steve Prefontaine, the classy Marshfield junior who has added a 9:14.0 two-mile to his 4:13.9 for the mile. . . Not many schools can match the record compiled by Harvey Greer and his Kansas City Central team in track. Strong in all sports, Central really excels on the track. Since 1963, Central has won 55 major meets including the last five runnings of the William Chrisman, William Jewell and Santa Fe Relays, the last five straight district and city meets and the last six Big Eight indoor crowns. Central has won five of the last six state indoor meets, finishing second to Beaumont of St. Louis in 1966, and the team has bagged the state outdoor title 1965 and 1966 and tied with Beaumont last spring. Tech of Des Moines, Ia., has won its last 47 dual and triangular meets. Los Altos, Calif., has lost only three dual meets in its history, two of them in consecutive weeks this spring.

Compton High can claim its city crown and very probably the top rated dual meet team in California after romping to a 70-48 triumph over cross-town rival Centennial. Compton's great depth overcame a marvelous individual effort by Centennial ace Edesel Garrison, who won the 100 in 9.7 and 440 in 48.2 and anchored winning relay teams in 41.8 and 3:18.9, doing 46.7 on the last leg of the latter to overcome a 20-yard deficit. Four Centennial runners clocked 9.8 or better and all finished ahead of a Compton runner who was also caught in 9.8. Compton junior Reynaldo Brown equaled his lifetime best of 6'10" in the high jump. Compton had a 48.8n in the 440, 1:54.2 in the 880, 14.5 and 14.9n in the high hurdles, 19.3 and 19.6 in the lows, 3:19.2n in the mile relay, 53'1½" in the shot, 14'6" in the vault and 23'5½" in the long jump.

One of the brightest prospects in the east, or anywhere, is Doug Dickinson of Newport News, Va. Only a junior, this track phenom did 48'6¼" in the triple jump without the aid of wind at Williamsburg, April 13.

PROFILE OF A PREP CHAMPION

Junior Prefontaine 4:13.8

by Fran Errota

Oregon has turned out many outstanding high school distance runners and there are many track observers who think the best ever is at present a junior at Marshfield High School.

The outdoor campaign has barely begun in Oregon, and Steve Prefontaine already ranks as the fourth-fastest miler in the state's history. Steve clocked 4:13.8 in a five-school meet March 23 in Roseburg. The 5'9" and 142-lbs. youngster ran quarters of 64.0, 64.5, 64.0 and 61.3 in a race in which he was supposed to run three 64s and then come home as fast as possible. "I leave it all up to my coach, Walt McClure," said Prefontaine. "What he says, I do."

Only three Oregonians have ever run faster, and they were all seniors who posted their fastest clockings at the end of their final season. They were Dave Deubner (North Eugene), 4:11.2 in 1962, Dan Korb (Corvallis), 4:11.4 last year, and Dyzol Burleson (Cottage Grove), former national record holder when he did 4:13.2 in 1958.

The new sensation also ran a 1:58.5 half-mile on the end of a sprint medley relay which he helped his team win. He can also run a good two-mile, having done 9:42.0 last year. His best previous competitive mile was 4:29.0 a year ago, but he did run 4:17.0 in a time trial just prior to his 4:13.8. Steve failed to qualify for the state meet in the two-mile last spring, but he's improved greatly since then. He won the Oregon A-1 cross country crown last fall and continued his training for this spring.

And Steve has set a goal. It is 4:08.0 which most fans must regard a bit conservative in view of his fast start. With so much of the season remaining, there is little doubt he will reach his goal. The feeling in many quarters is that he'll have to set a new goal, something like 4:05.0.

Yes, Oregon may very well claim the next great high school miler. If he's not, he should be one of the best and most certainly rate as the best to come out of Oregon and that is praise enough in itself.

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Extremists' ideas on high-altitude running seem to have gotten the widest circulation in the past. They can be divided into the gloomy, "some-will-die" and the over optimistic, "it's-all-in-your-head" theorists. Bowerman and Daniels reject both extremes. And their research has shown the realistic approach to preparing for Mexico City is about halfway between these two views. Their remarks deal almost exclusively with distance runners. This is natural since the 800-meter to marathon men will be the ones who'll feel the thinner air's affects most directly.

Daniels, former Oklahoma City coach who has tested athletes at 7550-foot Alamosa, Colo., the last three summers, would most like to shoot down the myth that running in places like Mexico City is painful. "This may apply only to the uninitiated or poorly advised athlete," he says. "With proper acclimatization, the feeling after a race, during a competition, during training or after training is no worse than usual. This takes only a few weeks. Acclimatization is not realized by this time, but the subjective feeling of well-being appears rather soon. In fact, some athletes have expressed an opinion that they felt better at altitude than at sea level. There is no reason for fear of tremendous pains every time a runner steps out on the track. This aspect has been greatly overemphasized."

Jack is also leary, though, of the runner who tries to tell him, "It doesn't bother me a bit." Daniels says, "So far in 10 trips to altitude for study or competition, I have not yet seen anyone who can get around a certain drop in performance, and I can safely say that many more think it will not affect them than think it will. Every year some guy almost convinces me that maybe he is the one to defy all previous research. It never happens. It is pretty safe to go with the statistics."

The predicted slow-down for an unacclimatized 800-meter and up runner, Bowerman's studies determined, is 10% or more. Translated into practical terms, this means a Wade Bell (1:45.0 800 man) probably would go about 1:55 in his first high-altitude test. A 1500-meter runner of Jim Ryun's ability (3:33.1) might drop to 3:55, and a Gerry Lindgren (13:38.0) could creep through 5000-meters in 15:04. Results of un-altitude trained runners in Mexico City's pre-Olympic meet last fall, however, indicate this estimate is high. Place-winners in the 800 through 10,000, most of them just up from sea level, averaged between 3 and 7% slower than their personal bests. Under the pressure of Olympic competition, this differential could be even smaller. But it's still valid to say that a significant dropoff in time is assured... for everyone.

Bowerman's sub-committee, appointed by the USOC last year, set out not only to test the effects of rarified air but also to make concrete US training recommendations and to take a peek at potential training campsites. The sub-committee conducted tests at four sites. Arizona coach Carl Cooper took charge of the Los Alamos, N.M. (7300 feet) camp, Ralph Higgins of Oklahoma State at Alamosa, Colo. (7500), Bob Tracy of St. Cloud State at South Lake Tahoe, Calif. (7347) and Harley Lewis of Montana at Flagstaff, Ariz. (7000).

Since then, the USOC has chosen the Lake Tahoe area as the track training site. Construction of facilities is underway there, right in the middle of a high Sierra forest at exactly Mexico City's elevation. Marathoners and walkers will prepare at Alamosa, using the facilities of Adams State College.

Between Aug. 15 and Sept. 14 last summer, quality athletes carried out similar testing programs at the four sites. The guinea pigs included half-mileers Jere VanDyk, Preston Davis, Dave Perry, Tom Farrell, and longer distance men Ken and Oscar Moore, Conrad Nightingale, Tom Von Ruden, Roscoe Divine and John Lawson, among others. Their three-week program had these features: 1. A test race the first full day after arrival in camp; 2. Eighteen to 21 days of training similar to what the individuals would have done at lower altitudes; 3. A final race under competitive conditions to conclude the program.

Almost without exception, the runners performed dismally in their first test. VanDyk's half was 2:02.0, Von Ruden ran a 4:30.0 mile and Oscar Moore could manage only 15:15.0 for three-miles. Three weeks later, they'd improv-

SOUTH AFRICA OUSTER (Continued from page 3)

their fellow blacks in South Africa now will not be allowed to compete in the Olympics.

Brundage said the decision was based on "the international climate." Others said the decisive factors included the boycott threat, the question of the very future of the Olympics, and the possibility of incidents if the South Africans showed up in Mexico City.

Barring of the South Africans removes the dark cloud which had been dampening Olympic preparations, not only in Mexico but on tracks and fields throughout the world. Interest now can be expected to build to a rousing climax south of the border October 12-27.

ed to 1:54.0, 4:12.0 and 14:31.0, respectively. Von Ruden and Moore had the program's top times in their events, and VanDyk registered the biggest 880 improvement (Bob Zieminski's 1:51.0 was the top time).

Two of Daniels' prize subjects, Jim Ryun and Chris McCubbins, weren't involved in the formal testing sessions. But the experiences of both have proved important. Ryun divided his time last summer between high and low-level training and competition. After spending time at Alamosa, he set his world mile and 1500-meter records. McCubbins did his best steeplechase last summer after his Alamosa training. Up there, he ran a 14:25.0 solo trial at three-miles -- a smaller drop from his personal best than any of the runners in the pre-Olympic 5000 recorded, and that field included Mexico City native Juan Martinez.

Their "up-and-down" successes have led Daniels to suggest this may be the best way to prepare. "I hope this is in the (USOC's) plan. Ideally, I would like to see the men get in about four or five alternate periods at altitude (about 10 days to two weeks each) interrupted by stays at sea level of about a week to 10 days each. This would be a total of about three months during which time opportunities would be available for races both at altitude (for several obvious reasons) and at sea level (to take advantage of the better conditions for quality work, for encouraging results in races and for further adjustments to take place).

Following the summer tests, Bowerman forwarded results and suggestions to the USOC. The report urged that altitude training begin as soon as possible after the June 29-30 trials in Los Angeles and continue right on through the Olympics in October. He said a series of both high and low-altitude meets are essential and that the final trials should be at an altitude similar to Mexico City's. Rather than the traditional two-day trial meet, Bowerman recommended it be conducted on an Olympic-type schedule--with events spread out over a week to allow easier doubling. His conclusion, which closely resembles Daniels': "One to two weeks is the least efficient time in adjustment as far as returning to lower altitude competition is concerned. Six to 10 weeks and longer finds continued adjustment, particularly if opportunities of dropping to 2500 feet or less come every two or three weeks."

Echo Summit, Calif., the training site, has been recommended as the final qualifying site, with the final eliminations to come in mid-September. But other details of the altitude training plans await finalization. "All of this costs money, somewhere in the neighborhood of \$200,000," says Bowerman. "We await approval and there is some dragging of feet. I was asked to continue on the organization and I am most anxious to do so. But as time flies I wonder whether or not we can put together the kind of organization it will take to offer our athletes the very best in preparing them for Mexico City."

One of the problems that needs taking care of is a decision on just who will get the special training. Bowerman would like to see "six to 10 athletes from each event given the opportunity to prepare" at the high-altitude camps. This would, of course, include the sprinters and field eventers, whom it's widely thought have no need for this type of acclimatization. The Oregon coach disagrees. "There may be little effect on the throwers, jumpers and sprinters. However, the man who cannot adjust is going to be out of it. There are some individuals who never adjust, and some of these men will fall in this category. The sprinters in races such as the 440 might find that instead of getting steadily better as they would at lower altitude they'll get steadily worse." Bowerman wants to give them a chance to adjust to the altitude and discover the non-adjusting individuals before it's too late.

Daniels comments, "No one has yet taken several top-class sprinters to altitude for an extended period to test their reactions to training there. It cannot be overlooked that the result may be a slowing down in performance, although I am not saying this will necessarily be the case. For the sprinter who relies on a considerable amount of fast work to maintain his peak condition, altitude training may be a little rough and result in additional fatigue and subsequent loss of condition over time. However, alternate periods at sea level should also eliminate this undesirable occurrence." The same thing, he says, applies to distance training at altitudes well above 7350 feet. It isn't possible to run fast at higher levels, he says, "and it doesn't take long to lose the ability to run efficiently at a fast pace if you never get a chance to train at that pace and you are always tired to boot."

Then there is the problem of the non-school, non-military athlete with family responsibilities. It's highly likely that some of the athletes who most need special training--the longer distance men--will be in the worst position to take advantage of it. Few married, employed men can handle the sacrifice of moving to Echo Summit or Alamosa for three months, and--if they make the team--miss an additional month of work. Their possibilities aren't promising. Daniels says such an athlete (in the 5000, 10,000, steeplechase and marathon) "would have to be 10 seconds per mile better than the third man in his event to have any hope of making the team. My suggestion, in all seriousness, for the man who has not the time to train at altitude prior to the final trials is to make sure he is about 10 seconds per mile better than the third best man in that event at sea level. If he is not this good, he shouldn't bother in the initial trials because he may be keeping someone capable of winning at altitude from even getting the chance to find out if he could."

The key question is, can US runners hope to compete on equal terms with athletes--such as the Kenyans, if they compete at all--who've lived their whole lives in high lands? Can our runners catch up in three or four months? Bowerman is somewhat evasive: "This is kind of like asking someone to predict who's going to win a race. We shall have to wait and see."

Daniels' outlook is bright. He says, "With the amount of training outlined (in the USOC's plan), there is no reason why our runners should not be the best prepared in the Games. I think our men can do just as well as anyone who has lived at altitude." He suggests that the best thing runners can do is learn to "think of altitude as a friend" who is on their side in competitive efforts. "It certainly can be for those who are not afraid of it, and especially when their opponents have even the least doubt in their minds."

For Daniels, the whole altitude-training study has developed into a hectic yet exciting project. Every day he's deluged with letters, requesting information for confused athletes and coaches. He has spent his summer nights in lengthy and intense group discussions on the topic. He says, with a little relief and a little sadness, "I undoubtedly will be very lonely next year when this altitude business is all over."

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Olympic News

by Dick Drake

Ramon Alatorre, director of the Mexican government's lodging control office which has complete control of all housing, said, "We've been putting all new room requests on a waiting list since April 1"... The US Olympic Committee has a budget of \$4,000,000 for the current quadrennial period, 1965-68. Expenditures includes transportation to and from the Games for all athletes, coaches, managers and other members of the official party; housing and feeding; purchases of uniforms and equipment; Olympic development plan; and the special costs of training athletes at high altitude. Nearly 1300 athletes and officials are part of the current quadrennial effort: 550 for the 1967 Pan Am Games, 550 for Mexico and 180 for the Winter Olympics. These activities are financed through contributions by individuals and businesses, the dues of 219 member organizations, revenues from tryouts, radio and television fees, and special fund raising activities. No federal government subsidy is received or sought. Contributions will be welcomed for the US team c/o the USOC, Olympic House, 57 Park Ave., New York, New York 10016... The West German government estimated costs to erect stadiums and other facilities for the 1972 Games in Munich at \$205.3 million... Penn Relay director Ken Doherty believes the oldest living Olympian is Walter Tewksbury, who is 93 and reportedly in excellent health. Tewksbury won the 200 and 400 hurdles, placed second in the 100, took third in the 200 hurdles and claimed fourth in the 60 in the 1900 Paris Games... If the 1968 Games were cancelled tomorrow, the Mexicans figure they would be out around \$26 million.



The first three finishers from the US Olympic Trials in Los Angeles, June 29-30, along with similar place winners from trials for the decathlon, marathon and race walking events, will automatically qualify for high altitude training at South Lake Tahoe, Calif., beginning Sept. 14. The USOC track and field committee will also select certain other athletes to participate in the period. They will be selected on the basis of their performances in the Olympic Trials... Mexico has never scored a point in Olympic track and field history. Juan Martinez is probably the nation's only athlete with something of a solid chance of scoring--in one of the distance events. US consultant Bill Easton for a while was entitled to test all the country's 18-year-old Army conscripts before the program was called off after only 1500 were tested. Something that sure destroys the lazy image of the Mexican is that Easton reveals that 150 boys will show up for a morning workout of 10 miles but usually only one will report for 100-meter training... The following graph indicates the number of events and participation (by men and women) in each of the Olympics:

Site	Year	No. of Nations/Events	Men's Sports/Ath	Women's Sports/Ath	Total Athletes
Athens	1896	10/42	10/285	0/0	285
Paris	1900	20/60	12/1060	1/6	1066
St. Louis	1904	10/67	10/496	0/0	496
London	1908	22/104	17/2023	3/36	2059
Stockholm	1912	28/106	15/2484	3/57	2541
Antwerp	1920	29/154	19/2543	3/63	2606
Paris	1924	44/137	18/2956	3/136	3092
Amsterdam	1928	46/120	16/2725	4/290	3015
Los Angeles	1932	37/124	17/1281	3/127	1408
Berlin	1936	49/142	19/3741	4/328	4069
London	1948	59/138	19/4304	5/385	4689
Helsinki	1952	69/149	19/4925	5/518	4925
Melbourne	1956	67/145	19/2813	5/371	3184
Stockholm*	1956	29/3	1/132	1/13	145
Rome	1960	84/150	18/4859	5/537	5396
Tokyo	1964	94/162	20/4826	8/732	5558

*=Equestrian sports only



Since surprising with his 8:45.8 indoor two-mile, OLE OLESON (2nd here) has shown he's for real. He ran 8:47.2 in this race against Cal (where he beat teammate CHUCK SCHULZ and BOB WALDON) and later had 8:44.6. (Jeff Kroot photo)

OLYMPIC GAMES

The Upset Games

by Jon Hendershott

Amsterdam's Olympic Games in 1928 could have been aptly titled "The Upset Olympics" for several reasons. The favorites in many races fell victim to unheralded runners, nations which had never scored an Olympic victory collected their first gold medals and other nations which had dominated the Games had to make room for the newcomers.

The IXth Games saw the reappearance of Germany which had stayed home from the past two Games due to its defeat in World War I. More than 3000 athletes from 46 nations competed. Germany sent 300 athletes and even the tiny Caribbean island of Haiti was represented. Its lone athlete, Silvio Cator, won the silver medal in the long jump. Two firsts at Amsterdam were the standardizing of the 400-meter track as the official distance, and the first full-scale women's competition in the Games.

The Dutch Games were particularly black for the United States. Many American runners were favored in their events but ended up on a lower rung of the victory platform, upset by little-known foreigners. American sprinters Bob McAllister and Frank Wykoff were the 100-meter favorites while Charley Borah was tabbed for the 200. At the tape, though, a young US-trained Canadian, Percy Williams, proved the prognosticators wrong with two victories. He hitch-hiked across Canada from his home in Vancouver to run in the Canadian trials and was probably the most surprising victor at Amsterdam.

American half-miler Lloyd Hahn and France's Sera Martin both had bettered the world half-mile record before the Games to become the favorites. But the surprising winner was Douglas Gordon Lowe of Great Britain, the defending champion who hadn't been considered much of a threat because he was thought to be past his prime. Another Briton, younger and not half as well-known as Lowe, pulled the rug out from under US hopes in the 400-meter hurdles. David Lord Burghley, the friendly, titled Englishman known as "Dave" by everyone, defeated America's defending champion Morgan Taylor for the Olympic title. Another little-known hurdler bested America's favorite timber-toppers as Sid Atkinson of South Africa won the highs to score his country's first Olympic victory.

The US did prevail in the field events, though. John Kuck set a world record in winning the shot put as Herm Brix also bettered the old mark. Bud Houser retained his discus title while Sabin Carr (pole vault), Bob King (high jump) and Ed Hamm (long jump) collected other championships for the US.

America's lone individual victor on the track was stocky quarter-miler Ray Barbuti, who scored a dramatic victory over Canada's Jim Ball with a thrilling stretch drive. Barbuti later anchored the US 1600-meter relay team which set a world record. America's 400-meter relay team also captured the Olympic title, equaling the world standard.

Finland's domination of the distance events was executed by other runners than only Paavo Nurmi. The great Finn retained his 10,000-meter title but finished second to Ville Ritola in the 5000. Young Finns Harri Larva and Toivo Loukola added the 1500-meters and steeplechase gold medals to their nation's collection while Paavo Yrjola triumphed in the decathlon.

Despite the dismal showing at Amsterdam, America felt such a shock was favorable for it dispelled the complacency that had built up after years of US domination in the Olympics. Now America looked eagerly forward to 1932. For the first time in nearly 30 years, the Olympic Games would be held in the United States as will be described in the next chapter of the Olympic history. (Sixth in a series)

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McCurdy, Harvard Blend

(Note: When Harvard, admittedly one of the great educational institutions in the world, found itself so prominent in collegiate track circles this winter, T&FN sent reporter/photog handyman Jeff Johnson, distance runner, track nut, Stanford graduate and Tiger shoe representative, to investigate the program. The following is Johnson's report, which developed into an essay on coach Bill McCurdy, the man and his philosophy.)

by Jeff Johnson

T&FN asked me to peek in at Harvard and find out what the story was. Like, how do you account for the track and field success this winter of old John Harvard Colledge that led it to become one of the strongest dual meet teams east of the Mississippi and to boast more athletes on T&FN's top 25 indoor list for 1968 than any institution outside of Southern California and Tennessee?

On the surface, it's hard to comprehend. The school's rigid scholastic requirements are well documented. Its coaches are forbidden to aggressively recruit; prospective athletes must make the initial contact. It is located in an area of negligible track interest. The facilities are barbaric; the indoor track is small, square and flat, and stinks like a kitty box. It is afflicted with climatic handicaps that makes one wonder why man ever settled in New England; the outdoor track is in a horseshoe-shaped stadium that catches wind off the Charles River and shoots it completely around the track--which at this time of year means that dirt blows in the athletes' faces like a Sahara sandstorm no matter which direction they go.

What's going on, especially when none of Harvard's troops was a recognized US high school star--no better than 10th best? Is it possible that Harvard's success might in part be attributable to a different approach to coaching?

Well, I got no help from Bill McCurdy. The Harvard coach leads off with the statement that he can't stand coaches who are always taking the credit for something the kids do, and anyone who thinks that a coach develops an athlete "has to have his head in a sack". If athletes are being developed at Harvard, McCurdy leads you to believe it's because they have the opportunity to develop here and the credit belongs to Harvard for having such a fine intercollegiate track program. And, of course, to the athletes, themselves, for having the ability in the first place. If you start laying credit on the coach, that involves talking about the coach instead of the team--and McCurdy is having none of that. Unless maybe you want to talk about Ed Stowell, his assistant, whom McCurdy recognizes as one



BILL MC CURDY

of the finest field coaches in the country.

For that reason, he wasn't too happy about being interviewed; because he knows what you're after: support for the contention that he might be a pretty hot coach. Consequently, when he does accept an interview, the athletic department trembles and Sports Information Director Baaron Pittenger sits in to make sure you don't really get the impression McCurdy tries to convey. The game goes like this: you begin by drawing McCurdy out on one of his ideas, then you comment that you think that's a pretty good idea. He then decides it's a pretty dumb idea after all. ("I don't know what I'm talking about--it's all theory anyway.") You then get specific, maybe point out he recently brought a 4:15 high school miler to 4:03 in one year, and he replies that the kid was that good all along. ("What the hell could possibly happen to a man in one year to make him run that fast?") A couple of rounds of this, and you catch Pittenger trying to see your notes, and wondering if he shouldn't break the whole thing up. His job, of course, is to let you know that something special is indeed going on at Harvard, while McCurdy is sitting there denying the whole thing. The game is called "Put-on Pittenger".

What is, in fact, going on at Harvard, is a love affair. Talk to these athletes about McCurdy, and they all focus their eyes about a half-mile away, and wait until they can get you alone to speak their thoughts. They haven't all bought Rod McKuen's songs yet, and they aren't too sure of themselves when it comes to expressing the emotion that binds this team. I could quote some of the athletes, but it would just turn T&FN into a poetry rag. Suffice it to say that when miler Roy Shaw would rather talk about Bill McCurdy than Roy Shaw, you are meeting love at its ultimate extreme.

So what is it about McCurdy? As a coach, he's an anomaly. He doesn't demand strict adherence to his training programs, though he acknowledges the need for a plan. ("You've got to have a plan. Gives them something to argue about.") The "plan" is flexible to the needs of the individual athlete, day to day, and acceptance of the schedule isn't mandate. ("If what you're doing has to be proven by power, it can't be very good anyhow. And if it's good, it's going to come out.") Differences of opinion between coach and athlete are not a problem. ("Keith Colburn is always giving me hell. I think that's healthy.") Training rules simply don't exist. ("That's their business. You don't have to tell a university student not to smoke, drink and carouse. If they want to run, they will be okay.") He dislikes the role of recruiting, which is strictly limited in the Ivy League anyway. ("I don't even want the responsibility of selling a boy on a school. Hell, it's like getting married. A boy must pick his school by himself.") McCurdy considers an athlete's personal life and individual tastes off limits to a coach but he is not without opinions. ("The only thing wrong with my generation is that we didn't raise enough barbers.") He expresses his opinions at trackside to the delight of all.

At Harvard, track is a matter of individuals, not statistics. McCurdy believes that "one of the curses of track and field is the stopwatch and the tape measure", and prefers to live from one weekend to the next within his Ivy Lea-



Coached on a philosophy which doesn't stress records, this Harvard team set a meet mark in the NCAA indoor two-mile relay--7:26.8. The runners include (from left) DAVE MC KELVEY, JIM BAKER, ROY SHAW and TREY BURNS.

gue schedule, believing that the records will come, or they won't, in the natural pursuit of team victories. He frankly admits he doesn't know what a good time is for the two-mile relay outdoors, but is unequivocal in his statement that Harvard's NCAA indoor champions in that event (without star Colburn) can beat any team in the nation outdoors. ("Hell, yes. Why not? How else can you think when you're competing?")

McCurdy's philosophy was molded to a large extent by his own former Stanford coach, Dink Templeton, who made track and field a vital part of the greater educational experience. McCurdy never removes athletics from the context of the educational experience, and finds track and field an especially valuable endeavor as it provides "the opportunity for complete freedom of expression". He states his wish as a man and as a coach.

Consequently--and here's where this whole thing gets out of sight for those exposed to the more conventional contemporary coaching procedures--McCurdy has this idea that the team belongs to the students, not to him. When a problem occurs, it's the team, not the coach, that makes any decision as to

Harvard: Unlikely Cinderellas

This winter, Harvard placed eight individuals and a relay team in T&FN's top 25 indoor list to claim more rankings than any institution aside from Southern California and Tennessee. These plus four other individuals comprise the front-line strength of what some eastern scribes have called the strongest track squad in Ivy League annals. Note the career bests established at Harvard compared to high school marks. Those marks with an asterisk (*) indicate top 25 ranking at season's end.

Name, Class	'68 Indoor Best; Other Bests	High School Bests
Charles Ajoonian, Jr	60'2 $\frac{3}{4}$ "* 35 Wt; 173'7" HT	62'5" 12-lb SP
Jim Baker, Sr	1:50.1ri, 4:05.9ni*, 8:48.4ni*	1:56.5, 9:14.4
Dick Benka, Jr	57'10 $\frac{1}{4}$ "* SP	57'3" 12-lb SP
Trey Burns, Sr	1:52.3rli, 2:10.9i (2:10.4i '67)	1:55.6, 4:26.0
Keith Colburn, So	--; 1:48.0	1:52.6
Frank Haggerty, Sr	--; 52.3 440 IH	14.4 39"; 19.2 LH
Doug Hardin, Jr	8:44.2i*	4:33.5
Jeff Havelle, Sr	1:10.9i* (1:10.5i '67); 47.7	52.4 440
Dave McKelvey, Sr	1:10.5ni*, 1:51.7ri	49.7, 1:57.5
Steve Schoonover, Sr	15'8"i; 15'8"	14'4 $\frac{1}{2}$ "
Roy Shaw, So	4:02.8i*, 1:50.1ri	4:15.8, 14:34.0
Ron Wilson, Sr	59'9 $\frac{1}{4}$ "i* 35 Wt; 187'9" HT	58'10" 12-lb SP

The two-mile relay team, without the services of number one man Keith Colburn (injured), won the NCAA indoor title with a 7:26.8 clocking.

its resolution. Discipline and moral problems are team matters, arbitrated by the team captain, who has a much more meaningful role at Harvard than is commonly found elsewhere. But "problems" in that sense rarely arise. The crisis facing the team the week that I was on the campus is how to represent themselves in strength at the Penn Relays while contesting Dartmouth in a dual meet the same day.

How can this kind of philosophy be workable? How can you have a bunch of guys going around thinking for themselves, living their own lives, making their own decisions, and have any kind of "team"? How do you keep "order" without enforced conformity to training programs, regulations, etc?

Well, maybe you don't. Keep order, I mean. At least, not "order" in the usual sense. Maybe you have to dust off and re-examine some of your assumptions as to what a "team" of student-athletes should really be. Maybe the length of a man's hair isn't a moral issue; maybe the presence of mini-skirted Cliffies (that's Radcliffe girls) at the training track is not a hazard to morale (on the contrary); and maybe the presence of a "rebel", who wishes to be on the team on his own terms, if those terms are agreeable to the team, isn't disruptive after all. In Harvard's permissive atmosphere, differences of opinion

Bible of the Sport

and attitude afford opportunities for team members to adjust to themselves, as well as each other; and you know what an oyster can do with a grain of sand in the right environment. McCurdy figures, "It's pretty hard to dislike a boy if you understand him. Besides, if he's good, he's going to help the team. If he isn't, he isn't going to be noticed."

But it's McCurdy as a man, rather than as a coach, that really sets the mood of this team. In the absence of "rules", if any standard is needed, McCurdy sets it by example. And when you get on this subject, this is when you get that faraway look from the athletes: "How can you possibly explain McCurdy, the effect he has on us?"

Physically, the man is overwhelming. Considered one of the fittest men in the US Army during WW II, McCurdy has maintained his fitness and still challenges his athletes to tests of strength and stamina: to their embarrassment, mostly. Reportedly, at various occasions he has out-pushed and out-squatted the members of his team. ("We're so proud of him; he makes us proud of ourselves.") Athletically, he was the California high school half-mile champion before captaining track teams for Stanford and the San Francisco Olympic Club. Psychologically, he is devastating, and his relationship with his athletes almost defies analysis. He is simply "McCurdy" to the team, or, not infrequently, "McCurdy, you old ----." ("Why do you call him 'McCurdy'?" "Because he's my friend.") He wants to win, and the pride he transmits to every member of the team makes them want to win also. Jeff Huvelle, the team captain, recalls that Harvard lost their first indoor meet of the season in 1967, and remembers that "McCurdy didn't say a thing. He was the happiest man there. But I know he will never forget that we lost that meet". Well, I don't know about McCurdy, but I know that Huvelle isn't forgetting the loss. And this year, when a death in the family forced McCurdy to miss two indoor meets, "it was so obvious he was gone, like daddy wasn't there". Honest to God, "daddy". What did I tell you: it's a love affair.

Out of this interplay between McCurdy as a coach who believes track to be an "educational experience", a matter of free expression rather than a quest for records and a group of young men actively engaged in the pursuit of their own athletic goals, making their own decisions about themselves and their team, emerged the unlikely success that was the Harvard team this winter and promises to pursue the outdoor squad into spring. McCurdy says, "It's just a cycle; we're riding a crest right now." But don't count on this bunch to go changing into pumpkins in any foreseeable future. Of course, McCurdy doesn't know what he's doing, he hasn't got any answers, and nothing very special is going on around here, other than the fact that the kids have a lot of talent and Harvard has such a fine intercollegiate track program. At least that's the impression he tries to create. But it just might be true, also, that McCurdy's approach to coaching, certainly different than the usual approach in collegiate track and field, is contributing enormously to a psychological environment that is conducive to top performances.

Shaw said it: "It's more than just an athlete-coach relationship. No, wait a minute. It's what an athlete-coach relationship should be."



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Letters to the Editor

JAY SILVESTER, discus thrower, Logan, Utah:

To read Jack Scott's article, "College Track Uptight" (I March T&FN), one would think that athletes come to coaches with well developed ideas on how to train. Most do not and are in fact in need of a great deal of guidance to get on a satisfactory program. The coaches I have known are continually questioning their approach, trying to do what is best for the athlete. It is quite paradoxical that Mr. Scott would subscribe to the statement by Herb Elliott, "The more I speak to athletes the more I become convinced that the method of training is relatively unimportant. There are many ways to the top and the training method is the one that suits you best," and then criticizes coaches who understand this and are using the principle. A great athlete would probably be great under any coach. Most coaches do believe that there are many paths to success, but they obviously do not have the time to do very much experimenting. They must come up with a system which they think gives the best results and then stick to it. The underlying assumption of Mr. Scott's article is that everyone automatically knows where they are going and exactly how to get there. As a psychologist, he must know that the opposite is true, particularly with the young.

JON BOWER, Los Angeles, California:

Jack Scott's views are illuminating and well put. It is encouraging to see the anti-establishment views concerning athletics in general and track and field in particular published in an athletic journal. Furthermore, more dimensions to athletics should be viewed than just times, distances and hackneyed answers to redundant questions. I am pleased to see that T&FN is beginning to exhibit some awareness.

JOHN MONTGOMERY, Eugene, Oregon:

I feel that Bruce Kidd showed an astonishing lack of logic in his letter regarding Jack Scott's article. By stereotyping the professional coach, Kidd is guilty of the same injustice to the individual coach as he claims is suffered by the college athlete. One would be naive to suppose that every coach is an idealistic or humanistic person but many are, and I suggest that you would find most of the great coaches to be just that type of man. It would be equally erroneous to place all the honorary club coaches into an altruistic category. Some are exceedingly autocratic and egotistical individuals whose primary concern is far from the intrinsic value of the sport to the athlete. As a sequel to the assumption that the professional coach forces dependence on the athlete and the honorary coach does not, I would like to quote Arthur Lydiard from a TV interview in Toronto in the fall of 1965. In response to a suggestion that Kidd might not have run as well as he could have in the Tokyo Olympics because his coach was not present, Lydiard replied, "Then where in hell was he if he wasn't with his athlete?" Did Lydiard feel that this experienced and successful international athlete was incapable of generating a plan of action without his coach?

FORREST JAMIESON, former prep track coach, Sunnyvale, California:

I should like to point out some issues that are related to charges made by Jack Scott. Secondary school programs of track and field involve the principles of educational philosophy. The intercollegiate program of track and field is made up of specialized or "mercenary" groups, and these groups are "used" by their leadership to serve as gladiators rather than students. The nature of the intercollegiate department of athletics is such that it is closely tied in with the cynical goals and attitudes that are a part of such professional sports as football. The university president has abdicated his position as an educator when he permits an organism such as the intercollegiate athletic program to operate outside the main body of educational philosophy and educational principles. It is ridiculous to say that an athlete represents his school--he represents his coach and the department of athletics. The sport is not maintained for the benefit of the athlete; the athlete is recruited and selected because of his special abilities, already well-developed, to serve the coach and the department of athletics. He is indeed a slave to this system and he has no recourse to injustice, should any occur. It is hard to believe that injustice would not occur when such power is placed at the disposal of a coach, who is, after all, only a man.

Some athletes "drop-out" from intercollegiate competition before the end of their undergraduate days because they do not care to be "used" as pawns in a coach's game of winning meets by point score. As high school athletes, they entered the sport voluntarily and gained a love for their track and field event because they felt that the event "belonged to them". They felt, as high school athletes, that the object of track and field was to see how far they could progress, in the attempt to unleash that latent and unwilling potential that lies submerged and iceberg-like within us. Then at college it changed suddenly. The enemy no longer is man himself, the enemy is something much less philosophical. The object is to win a track meet by points and while excellence isn't discouraged it is difficult to achieve excellence when you have to double, or even triple, to get points to win Saturday's dual track meet. Beating Siwash is the important issue, and track and field, supposedly a sport accenting individualism, evolved a change in its function as a sport by joining with football in seeking "victory" in terms of a point score. Along with this change came the need for coaches to "use" athletes. Strategy has to be utilized, men have to be doubled so that we can win the dual meet score. To hell with the individual's personal goals. The goal is to win the meet. He is a member of the "team", isn't he? "Team" becomes a euphemism intended to cover for the word "coach". So some could not stand this prostitution of their interests and attitudes and gave up the sport. They were called "weak", "odd-balls", "radicals" and "queer" by their former coaches. Certain psychologists, acting in the manner of industrial psychologists who work for corporations to discover devices to enhance work-load efficiency, made studies analyzing these "drop-outs". Their frame of reference assumed that the college coach was the center of gravity and error in the athlete-coach relationship moved in the direction away from the coach.

ANONYMOUS, distance runner, city name withheld:

Accudos to T&FN for having the courage and forthrightness to print Jack Scott's article. They were words long overdue in the current situation. If you print my letter, please do not use my name or city as my coach knows how I feel and I know how he feels.

TONY SUCEC, San Diego State assistant coach, San Diego, California: Excellent series--that is, Jack Scott's article and replies by coaches and athletes. I think that often collegiate coaches--track or otherwise--tend to lose sight of the student's real purpose for attending college. It is rather naive of Scott, however, to assert that most entering college students are capable of designing their own training schedules and would profit little from the coaches' knowledge, experience and guidance.

TED GRAYES, Memphis, Tennessee:

Jack Scott's article evoked some excellent responses from the three coaches quoted. Actually, I criticize T&FN more than Scott. Crackpots spout their hogwash constantly all about us but that is no reason to give them a sounding board for their bird-brained suppositions. Scott is an outstanding example of the new generation of sophomores raised on the pap of baby doctor Spock that permissiveness is the new order. For his next course in college, Scott might try Technical Writing to learn how to put down his ideas in words of a few syllables. Surely his bantamweight semantics need not be expounded in polysyllabic phonetics to exhibit an obvious narcissistic hypnotism by his own verbosity.

BOB DEINES, RICK SPAVINS, distance runners, Los Angeles, California:

We would like to congratulate Jack Scott for his fine article on college track. We feel that he raises some serious and valid points which adequately refute Ogilvie and Tutko of Problem Athlete fame. Perhaps Mr. Scott will do athletes an even greater service by writing a book: The Problem Coach and How to Handle Him.

ED GRANT, Murray Hill, New Jersey:

Let me grant that Jack Scott has a point in his claim that some track coaches can be too authoritarian in their approach. But let me add that these are not usually the ones who produce the best teams, in any sport. A firm hand with a gentle touch is the best formula. I do not think that I could support Scott's idea that the college coach's chief job is to be a timer and meet scheduler. If that's all they are, you're not going to get much quality in the job. The college track coach is in an anomalous position, of course. He operates as sort of an appendage of a high-powered recruiting system, often getting major help from athletes who come to the school to play some other sport. He must treat his men as individuals but he must also keep them team-conscious--and that's where the rules come in.

It comes down to this. Scott's thesis is similar to so much else we hear about freedom; it forgets responsibility. The athlete who accepts a scholarship to a school has a certain responsibility to it. The school should not take advantage of this but neither should the athlete. The track coach who forgets his duty to each athlete because of his desire to win is usually self-defeating. There is also the question of example. The natural who feels he can get along without training can ruin morale on any team if he is allowed to get away with skipping practice. I have been observing high school and college coaches for 25 years now. Believe me, the laissez-faire approach suggested by Scott simply does not work. There are too few self-disciplined athletes on these levels to avoid tremendous waste of talent by such an approach. For those who are, there are plenty of ways they can continue their careers--even while attending college but they shouldn't expect someone else to pay for it.

TIM PETERSON, Phoenix, Arizona:

Jack Scott expresses his opinions, and I find his writing a kindred spirit. I would appreciate his current address so I could communicate directly with him. (Note: Jack Scott, 1725 University Ave., Berkeley, Calif. 94703.)

PETE MORGAN, Princeton track coach, Princeton, New Jersey:

I am only a coach and suffer from the cerebral spasms referred to by the budding psychologists. If I were to summarize Jack Scott's treatise, it would be simply "let's do away with discipline in all forms". We could then get to know ourselves and truly appreciate culture, art and love in their refined realms. It may be of interest to the learned doctor that since the early 30s progressive education has been doing just that. What do we have today? A country breaking apart at the seams, the lack of respect for authority and laws may just help Dr. Scott to eliminate coaching as a profession. This won't be the only casualty; all the cherished principles and desires of its citizens will evaporate. Freedom of everything is the theme of today's rationalizers. I am not ready to join Dr. Scott's evangelical movement at this time. Possibly you might add my name to his list defending motherhood and the flag. My apologies for this hour of unventing pent-up emotions.

BYRON SMITH, Los Angeles, California:

I heartily agree with most of what Jack Scott had to say.

ERNST SOUDEK, Austrian discus thrower, Ann Arbor, Michigan:

In spite of the rather negative reaction of the coaches, I find that Jack Scott's article contains some compelling arguments. I have had the privilege of training under the tutelage of European amateur coaches as well as American collegiate coaches. While I must agree with most of Scott's assertions about the negative aspects of a draconic coaching system, I must also state that, as far as my experience goes with Big 10 coaches, these men are far more liberal in their approach to coaching methods than Scott makes them appear. It is very easy for an athlete to resent his coach, notably when a scapegoat for personal failure is sought. While I believe that it is a crucial flaw of the American coaching system that the coach cannot and does not want to be there to coach anybody who comes out for track, I honestly do not believe that there is one coach in this country who would turn against a successful athlete because of individualistic training methods.

BOB SCHUL, distance runner, Oakland, California:

Tahoe Paradise College and the High Altitude Committee of South Lake Tahoe for the US Olympics is sponsoring a sports camp for boys 11 to 17 in five sessions, 12 days each, from July 6 to Sept. 11. Top US Olympians will act as counselors during the day, and will give training techniques and methods for about two hours each afternoon. Other activities and classes will be available. If any of your readers are interested, write for information (until June 15) to me at 660 Vernon St., Apt. 11, Oakland, Calif. 94610 or call AC 415, 652-2325.

JOHN VAN REBENEN, Washington State shot putter, Pullman, Washington: I am not trying to solve the racial problem in South Africa (his native country), but I do disagree with its policy of strict segregation. "Apartheid" means separate development. How can two cultures living amongst each other develop separately? They should at least send a mixed team to the Olympics. I was thrilled that South Africa was readmitted but doubt how long it will last.



The revolutionary idea of quantity high-jumping helped LES STEERS (right) set a world record in 1941. Today, under Steers' tutelage, Stanford's PETER BOYCE (left) boosted his best from 7'½" to 7'3" and the world lead. (Murdock)

JUMP GREAT RETURNS

Steers Guides Boyce

by Jon Hendershott

Peter Boyce is high jumping more these days and enjoying it just as much as ever. Why? His 7'3" clearance at Fresno in late March not only bettered his previous best by 2½" and made him Australia's and Stanford's highest jumper ever, but also propelled him into fifth place on the all-time world list.

Why the sudden stardom for the young jumper whose previous best was 7'½"? A good share of the credit likely should go to the man who became Boyce's coach barely three months ago, Les Steers. The oldtimers may recall that name but the younger fans may scratch their heads. Steers was the NCAA champion while at Oregon, won two AAU titles and tied for another and set the world record at 3'11" in 1941--a mark that survived until 1953.

"I just stopped by the Stanford field one day," Steers says, "and Payton Jordan asked if I wouldn't like to help with the high jumpers. Well, I jumped at the chance." Two months later, Peter Boyce jumped 7'½" to lead the nation. A week later, he topped 7'3" to lead the world and the nation.

That jump was the pay-off for both Steers and Boyce and substantiated the value of Steers' approach to coaching Boyce. For the first time in his career Boyce is jumping more in practice, following the method pioneered by the great Dink Templeton. It was this quantity jumping that made Les Steers the world-record holder and his pupil seems to be learning his lessons well.

"The idea of jumping 30 or 40 times in one workout used to be way out," Steers recalls. "Most coaches thought that a jumper would burn himself out if he jumped too much. But now, it's an accepted fact that to learn to jump properly a jumper has to jump and jump some more. Quantity jumping not only allows the jumper to work on form but it adds to his strength.

"Peter used to be afraid to jump too much because he was unsure of his strength, so he would wait until the bar got fairly high. Since he has been jumping more, he is able to start at lower heights and go right on up because he is much stronger and knows it." At Fresno, Boyce started at 6'4" and cleared 6'6", 6'8", 6'10", 7'0", 7'1" and 7'2" before his 7'3" leap.

Boyce still follows the modern method of weight-training to build up his muscles but he now uses weight-training to supplement the quantity jumping. Steers has added another variation to Peter's training.

"He uses the meet jumping shoe only in actual competition," Steers explains. "You get a tremendous bounce from that built-up shoe so Peter works in regular spikes during workouts. Then he can use that bounce to the best advantage in meets. You have to have strong legs to jump and you build strength by jumping without any aid."

That's the Templeton theory in a nutshell and Steers' success proved conclusively that there was no limit to the amount of spring a man might develop. So naturally Steers preaches the Templeton gospel of quantity jumping. Boyce has proved to be a rapidly-successful disciple.

His 7'3" leap has been bettered by only Valeriy Brumel, Ni-Chih Chin, John Thomas and Clarence Johnson. That's very select company for a jumper who last year didn't rank among the top 20 in the world. He is now the highest Australian ever, topping such outstanding seven-footers as Lawrie Peckham, Tony Sneazwell and Colin Ridgway. However, the style that brought the success isn't flawless as Steers points out.

"The bad thing about the belly-roll used today is that jumpers start to lay down almost before they get off the ground," he says. "They lean sideways to the left, into the bar. They have to have their weight over their foot when they go up. That's why so much jumping is beneficial. The kids not only gain strength, but can repeatedly work on all phases of the jump."

Steers expresses surprise at Boyce's quick success after such a short time under the new training technique. "I knew he was capable of it, but I was surprised that he got it so early. I don't think that he's reached his limit by any means," Steers comments. "I think he should do over seven-feet many more times this season."

UNIQUE SERVICE

Placement Aid Bureau

Ever-increasing specialization permeates today's field of athletic recruiting, unfortunately, to the benefit of a few athletes and the detriment of many. However, Andrew Buckley has tried to improve the situation.

Buckley, only 24 and a former basketball star at Pennsylvania, founded the Athletic Placement Bureau in 1965, as he puts it, "to help as many student-athletes as possible gain the opportunity to win a college scholarship." The organization, operated by Buckley and his wife from their home at 5 Perkins Street, Peabody, Mass., is the only one of its kind to receive official clearance from the NCAA. From such giants as Notre Dame, Stanford, Army, Harvard and Yale to smaller schools such as Stetson and Belmont Abbe, over 750 universities and colleges have jumped on the Buckley bandwagon.

The original idea for the organization was the result of Buckley's belief that "while many high school super-stars are sought by hundreds of schools, the vast majority of schoolboy athletes are contacted by only a few colleges, if they are sought by any at all."

The Bureau prepares a professional resume of each registrant--name, address, school, college board scores, class rank and a summary of the boy's athletic talent and exploits. The resumes are mailed in the form of a newsletter to colleges and junior colleges on the organization's registry. By providing national exposure, a student-athlete is not deprived of the opportunity to win a scholarship because colleges were unaware of him. In accordance with NCAA regulations, there is no charge to any high school or college. The student-athlete pays \$10.00, which is completely refunded if the student does not receive any college inquiries within 30 days after his resume is mailed out.

Says Buckley, "Due to recent national exposure from the press and television, we have boys registering from all over the country. We have received inquiries from as far away as Vietnam."

However, as Buckley is quick to point out, "Every boy who has ever registered with us has been contacted and no boy has ever requested a refund." For example, 16 of the 61 boys registered in January of this year lived in the Greater Boston area and Buckley reports that all 16 were contacted, the low being seven colleges, the high 31 and the average about 16.

"The program isn't restricted to just football or basketball players," Buckley adds. "All student-athletes are welcome. We plan to reach coaches in crew, baseball, track--all sports."

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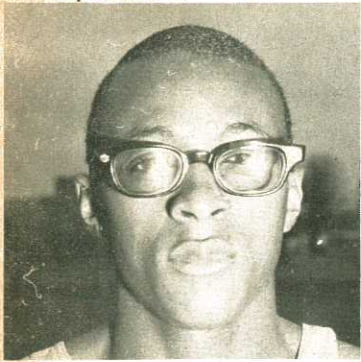
Everyone is eligible to participate with one or more entries. Multiple entries accepted as in Rule 2.

FOLLOW THESE SIMPLE RULES

1. To enter, list your predicted time for the winner of the 1500 meter run in the U.S. Olympic Trials at Los Angeles, June 29-30, 1968. Winner will be the person who comes closest. In case of a tie the winner will be decided by drawing. (In 1964 the winning time was 3:41.2. As of Nov. 1967 the world record is 3:33.1, set by Jim Ryun of the U.S. in July, 1967.)
2. There is no limit on the number of entries by one person, at one time or various times. But each entry must be accompanied by an order. Some orders qualify for multiple entries. New and renewal subscriptions both count, as do all other purchases from Track & Field News:
 - a. 1 entry for each year of subscription to Track & Field News or Track Technique.
 - b. 1 entry for each \$5.00 purchase of books, films, or other merchandise.
3. Each entry must be on its own entry form or sheet of plain paper. All multiple entries on the same sheet, and all sheets containing any other correspondence will be voided. Do not include order information on entry form.
4. Entry must have 1500 meter time on top line, followed by name, address and phone number. Entries must be printed or typed.
5. Entries must be received by Track & Field News, Box 296, Los Altos, California 94022, by June 27, 1968.
6. Entries must be made at time of ordering. No retroactive entries will be accepted.
7. Contest is not open to employees of T&FN or families.
8. Decision of judges is final and will be announced in the July T&FN.

ANYONE CAN WIN!

Enter Often and Improve Your Chances



A 1:09.5 600 and then a second-place finish in the NCAA indoor 600 suddenly cast TOMMIE TURNER, Murray State freshman, into prominence.



Equally startling was the rise of KEN SWENSON. He anchored Kansas State's sprint medley winners with 1:47.8 at the Texas Relays.

All-Time World Marathon List

- | | |
|-------------------------------------|-----------------------------------|
| 2:09:36.4 Derek Clayton (Aus) 67 | 2:13:34.0 Kenji Kimihara (Jap) 67 |
| 2:11:17.0 Seichiro Sasaki (Jap) 67 | 2:13:41.0 Toru Terasawa (Jap) 65 |
| 2:12:00.0 Morio Shigematsu (Jap) 65 | 2:13:45.0 Alastair Wood (GB) 66 |
| 2:12:11.2 Abebe Bikila (Eth) 64 | 2:13:49.0 Akio Usami (Jap) 68 |
| 2:12:25.8 Dave McKenzie (NZ) 67 | 2:13:55.0 Basil Heatley (GB) 64 |

All-Time US Marathon List

- | | |
|----------------------------------|-----------------------------------|
| 2:14:28.0 Buddy Edelen 6/15/63 | 2:18:26.0 Norm Higgins 12/11/65 |
| 2:16:39.8 Eamon O'Reilly 4/21/68 | 2:19:58.0 Gordon McKenzie 12/9/62 |
| 2:16:48.0 Tom Laris 4/19/67 | 2:20:05.0 Johnny Kelley 4/20/57 |
| 2:17:11.4 Peter McArdle 12/9/62 | 2:20:20.0 Ralph Buschmann 4/19/65 |
| 2:17:48.0 Lou Castagnola 4/19/67 | 2:21:55.0 Hal Higdon 4/20/64 |

UPDATED LIST

Best Field Event Series

by Roger Gynn

The following feature updates, enlarges, and where necessary, corrects that which first appeared in the November, 1966, T&FN. The two best known six legal jump/throw series' averages are listed, no five jump/throw series being included unless at least one of the two six series' averages is exceeded. It will be noted that in the discus, no five throw series betters the six throw, but as a four series does, it has been included. No other known four jump/throw series betters a full series' average.

Due to the comparative scarcity of such series being recorded, the compiler will gratefully welcome any additions/amendments if sent to 29 Fenbridge Avenue, Stanmore, Middlesex, England.

LONG JUMP

- | | | | | |
|------|-----------------------|---|-----------------|----------|
| Six | 26'8" | Ralph Boston (US) | Modesto, Calif. | 5/23/64 |
| | | (26'6", 26'6 $\frac{3}{4}$ ", 27'2 $\frac{1}{2}$ ", 26'5 $\frac{1}{2}$ ", 26'8", 26'8") | | |
| | 26'7 $\frac{3}{4}$ " | Boston | Los Angeles | 7/9/67 |
| | | (27'3 $\frac{3}{4}$ ", 27'3 $\frac{3}{4}$ ", 26'6 $\frac{1}{4}$ ", 26'8", 26'2 $\frac{3}{4}$ ", 26'3 $\frac{1}{2}$ ") | | |
| Five | 26'11 $\frac{1}{4}$ " | Boston | Modesto | 5/29/65 |
| | | (f, 26'9", 27'1 $\frac{1}{4}$ ", 27'1 $\frac{1}{2}$ ", 26'5 $\frac{1}{4}$ ", 27'5") | | |
| | 26'10 $\frac{1}{2}$ " | Igor Ter-Ovanesyan (USSR) | Mexico City | 10/19/67 |
| | | (27'4", 26'1 $\frac{3}{4}$ ", f, 27'4 $\frac{3}{4}$ ", 26'9 $\frac{3}{4}$ ", 26'9 $\frac{3}{4}$ ") | | |

TRIPLE JUMP

- | | | | | |
|------|----------------------|--|------------------|---------|
| Six | 53'5 $\frac{1}{4}$ " | Viktor Sanyev (USSR) | Kiev | 9/17/67 |
| | | (52'10 $\frac{1}{4}$ ", 54'8 $\frac{3}{4}$ ", 53'5 $\frac{3}{4}$ ", 53'1", 53'3", 53'3 $\frac{3}{4}$ ") | | |
| | 53'4" | Vladimir Gorayev (USSR) | Stanford, Calif. | 7/22/62 |
| | | (51'6 $\frac{3}{4}$ ", 54'2 $\frac{1}{2}$ ", 54'4 $\frac{3}{4}$ ", 54'5 $\frac{1}{2}$ ", 53'3 $\frac{3}{4}$ ", 52'4 $\frac{1}{4}$ ") | | |
| Five | 54'9 $\frac{1}{4}$ " | Jozef Schmidt (Poland) | Bydgoszcz | 8/22/63 |
| | | (52'3 $\frac{3}{4}$ ", 55'9", 54'10 $\frac{3}{4}$ ", 55'2 $\frac{1}{2}$ ", 55'9", f) | | |
| | 54'4 $\frac{1}{4}$ " | Art Walker (US) | Los Angeles | 7/23/66 |
| | | (53'3 $\frac{3}{4}$ ", 54'7 $\frac{3}{4}$ ", 54'10", 54'4 $\frac{3}{4}$ ", f, 54'11") | | |

SHOT PUT

- | | | | | |
|------|-----------------------|--|-----------------------|---------|
| Six | 69'4 $\frac{3}{4}$ " | Randy Matson (US) | College Station, Tex. | 4/8/67 |
| | | (70'5 $\frac{1}{2}$ ", 68'5", 70'5 $\frac{1}{2}$ ", 70'0", 68'7 $\frac{1}{2}$ ", 69'5 $\frac{1}{2}$ ") | | |
| | 69'1 $\frac{1}{2}$ " | Matson | College Station | 4/22/67 |
| | | (71'5 $\frac{1}{2}$ ", 68'11 $\frac{3}{4}$ ", 68'7 $\frac{1}{2}$ ", 68'1 $\frac{3}{4}$ ", 68'7 $\frac{1}{2}$ ", 67'5") | | |
| Five | 68'10 $\frac{3}{4}$ " | Matson | College Station | 5/7/65 |
| | | (66'8 $\frac{3}{4}$ ", 70'7 $\frac{1}{4}$ ", 67'9", 69'3 $\frac{3}{4}$ ", 68'4 $\frac{3}{4}$ ", f) | | |

DISCUS

- | | | | | |
|------|-----------------------|---|--------------------|---------|
| Six | 207'3" | Ludvik Danek (Czech) | Long Beach, Calif. | 6/7/66 |
| | | (201'0", 203'0", 208'0", 209'0", 206'0", 216'9") | | |
| | 206'6" | Rink Babka (US) | Los Angeles | 8/11/66 |
| | | (203'8", 206'7", 205'1", 206'1", 209'5", 208'9") | | |
| Four | 207'6 $\frac{1}{2}$ " | Danek | Brno | 9/29/65 |
| | | (f, 205'7", f, 207'3 $\frac{1}{2}$ ", 207'0", 210'3") | | |

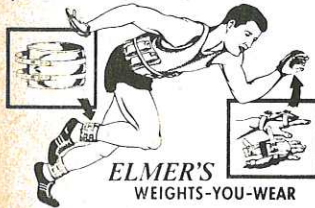
HAMMER THROW

- | | | | | |
|------|-----------------------|---|---------------------|---------|
| Six | 232'3" | Gyula Zsivotzky (Hungary) | Sacramento, Calif. | 6/11/66 |
| | | (234'8", 227'6", 229'1", 235'10", 234'5", 232'2") | | |
| | 230'4" | Zsivotzky | Budapest | 5/11/66 |
| | | (227'7 $\frac{1}{2}$ ", 226'8 $\frac{1}{2}$ ", 228'5", 228'9 $\frac{1}{2}$ ", 236'0", 234'7") | | |
| Five | 233'1 $\frac{1}{2}$ " | Zsivotzky | Debrecen | 9/4/65 |
| | | (229'4 $\frac{1}{2}$ ", 226'1 $\frac{1}{2}$ ", 230'0", 241'11", p) | | |
| | 231'10" | Ed Burke (US) | Bakersfield, Calif. | 6/22/67 |
| | | (229'1", 226'3", 235'8", 235'11", 232'3", f) | | |

JAVELIN THROW

- | | | | | |
|------|-----------------------|---|-------------|----------|
| Six | 270'1" | Janis Lusis (USSR) | Mexico City | 10/15/67 |
| | | (259'5 $\frac{1}{2}$ ", 272'8 $\frac{1}{2}$ ", 279'6", 272'10 $\frac{1}{2}$ ", 267'3", 268'8 $\frac{1}{2}$ ") | | |
| | 266'2" | Lusis | Kiev | 9/17/66 |
| | | (276'7", 249'1 $\frac{1}{2}$ ", 264'11 $\frac{1}{2}$ ", 266'6 $\frac{1}{2}$ ", 267'6", 272'5") | | |
| Five | 272'11" | Terje Pedersen (Norway) | Oslo | 7/1/64 |
| | | (f, 268'8 $\frac{1}{2}$ ", 272'10", 267'1 $\frac{1}{2}$ ", 285'10", 270'3 $\frac{1}{2}$ ") | | |
| | 271'7 $\frac{1}{2}$ " | Lusis | Kiev | 9/17/67 |
| | | (277'1", 280'1", 265'5", f, 259'0", 276'7") | | |

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Meet Information

CHAMPIONS MEET, San Diego Balboa Stadium, Saturday afternoon, June 1. Unique nine-event meet limited to top stars. Jim Ryun, Tommie Smith, Ron Clarke, Jim Hines, Charlie Green, Earl McCullough, Bob Seagren, Randy Matson, Paul Wilson, Bill Mills, Bob Beamon, Kerry Pearce will compete. Tickets \$4.50, \$3. Ralph Smith, Box 10461, San Diego, 714-224-4171.

FIFTH ANNUAL MEXICO LEDGER-MEXICO JAYCEE track meet for high schoolers June 8. Best in Midwest. 4:13.2 mile last year. New track surface, curbing this year. Want anyone interested. Write Joel M. Vance, Mexico Ledger, Mexico, Mo. 65265.

CALIFORNIA RELAYS AND STATE JUNIOR COLLEGE CHAMPIONSHIPS, Modesto, May 25, Saturday afternoon and evening. Top relay teams and athletes from all over US. Great competition assured in all events. Write: Tom Moore, Director, California Relays, P.O. Box 152, Modesto, for meet info or tickets.

ROCKY MOUNTAIN AAU track and field championship, open to all athletes. All events including two-mile walk to be held May 25 (Saturday) 1968. For further information contact coach Tom Benich, c/o Athletic Dept., Colorado State University, Greeley, Colo.

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US MASTERS TRACK AND FIELD CHAMPIONSHIPS. First US track and field championships for men 40 and over. Open to all competitors. All track and field events from 100-yards to marathon. Balboa Stadium, July 19 and 20, 1968. Marathon, July 21. San Diego, Calif. Write Ralph Smith, Meet Director, San Diego Recreation Dept., Balboa Park, San Diego, Calif. **AAU MEN'S OUTDOOR CHAMPIONSHIPS--SACRAMENTO**, The Sacramento Jaycees host the 80th annual men's championships June 20-21. Field events start 5:30, track events 7:00. Reserved seats \$4.00, general admission \$3.00, students with cards \$2.00 each night. Ticket orders available from Track Championships, 1318 G Street, Sacramento, Calif. (916) 447-8306.

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Running Almost Blind

by Jon Hendershott

Gary Vann would never think of carrying a white cane the way the blind usually do. It would slow him down too much when he runs.

That's right, Gary Vann runs, despite being blind in one eye and only able to see shadows with the other. And his favorite event? None other than the marathon.

"The farther I go, the better I feel, so the marathon is really suited to me," Gary, 20, says. "I've run it only twice so I still have a lot of improving to do." Gary modestly fails to point out that he ran his second 26-miler over 11 minutes faster than his first.

His initial try at the distance resulted in a fourth-place finish in the Santa Barbara marathon last year in 2:38:41. In 10th place going into the last six miles, 385 yards, Vann chugged over the final hills and flat in 37:51 to grab fourth. He ran that last split faster than any other competitor.

"I felt really strong over that last six," Gary recalls. "I really didn't know what to expect and I was sure glad that I had something left. I really felt the strongest over the hills."

It was another story a month later in the Western Hemisphere Marathon at Santa Barbara. He had battled the flu the previous week but still sliced more than 11 minutes from his best with 2:27:29.0, which secured sixth place for him. Despite taking a couple of wrong turns late in the race, he overhauled such name runners as Don Lakin, John Lawson and Harry McCalla. But he was so ill at the finish that he had to be taken to his hotel and a friend accepted his prize at the awards banquet.

Now Vann is hoping to run the final Olympic trial marathon at Alamosa, but he admits, "that is a ways off yet." He has just resumed his marathon training after a lay-off due to a leg injury. Before the injury he was logging over 120 miles-a-week, a respectable amount for any distance runner but phenomenal for him considering his eyesight.

Gary has been nearly blind since birth. He was born three months premature, weighed only 24 ounces and measured only 10 inches. He was in an incubator for three months and remained in the hospital for another year.

"There was so much oxygen in the incubator," he explains, "that it put too much pressure on the nerves of my eyes and damaged them. But then, if there hadn't been enough oxygen, there wouldn't have been any Gary Vann."

At the age of nine, he attended the Berkeley School for the Blind after experiencing difficulty in regular schools. It was there that he first became interested in running in the spring of 1963, at first to keep in shape for wrestling but gradually because he enjoyed it more than wrestling. His first races were over the short distances, at least for him, of 660- and 1320-yards, but he always took a long warm-up run and soon liked warming up better than racing.

Gary attended the Blind School until last year when he switched to Del Mar High School in his home of Cupertino, Calif. There he clocked the fastest 10,000-meters by a US prep at 31:51.0 and the second-fastest six-mile at 30:54.0. He switched again last fall to Berkeley High School because of the school's excellent program for blind students.

One of Gary's most unusual habits is that he feels stronger in a race if he runs from 15 to 20 miles beforehand. "The farther I run, the more it helps me to push past the pain barrier," he explains, "so that in a race, the farther I go the better I feel." When he ran his personal best of 14:37.0 for three-miles, he had covered 18 miles that morning.

Now back in marathon training with an Olympic berth his prime goal, Gary has another aim, too. "I want to break the national high school six-mile record of 29:17.6 held by Gerry Lindgren," he says. That's over a minute and a half faster than Gary's best.

"That would be a lot of improvement, but I think I can," he says confidently. And when Gary Vann says that, you know he's serious because he looks you straight in the eye.



Although nearly blind, GARY VANN has run a 2:27 marathon and hopes for an Olympic berth. (Photo by Jeff Kroot)



Oregon soph JIM GORMAN ran 8:53.2 in his second steeplechase ever and leads the nation. (Photo by Jeff Kroot)

Air House vs. Winter

Many schools across the country have no field house or indoor facilities for their track team. Consequently, during the winter months, this means outdoor practices in cold weather and sometimes snow, shorter sessions due to early darkness, and a general disadvantage for those teams which don't have indoor facilities.

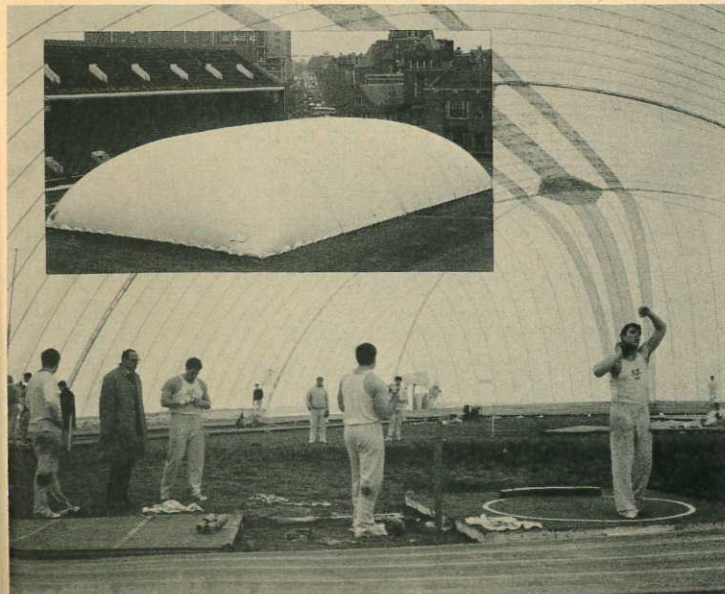
Pennsylvania was in this very position until coach Jim Tuppeny decided to do something about it. After seeing swimming pools protected by air-supported domes, Tuppeny reasoned, why not the Penn practice track on Franklin Field?

His investigations of such structures finally led him to ILC Industries of Dover, Del., one of the nation's leading manufacturers of air-supported structures. Before long, Penn had itself an "air-house."

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Though the air pressure inside the dome is different from that outside, the difference is so slight as to be undetectable and has no effect on athletes. It has been equated to the difference between the first and seventh stories of a building. Entrance to the structure is made through a revolving air-lock door located at the end of the structure. Anchoring the structure are 122 concrete pillars buried 10' below the surface of Franklin Field. The air-house is erected in December, following the Philadelphia Eagles' football season, and remains in use through March.

Inside the dome is a four-lane banked board track plus approaches and landing areas for all field events. The structure also uses existing heating and power facilities at the field, thus lowering maintenance costs even more.



Pennsylvania's air bubble by ILC Industries, outside (insert) and inside.

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22--II April 1968
OLYMPIC ELIGIBILITY RULES

A Gentlemen's Agreement

by Bert Nelson

If Olympic eligibility rules were enforced strictly, the Games would be minus a good many of its stars from all over the world. Nearly every rule in the book is broken, most of them often. But "gentlemen's agreements", looking the other way, and ignorance of the violations combine to prevent disqualifications.

Unfortunately, the rules are so unrealistic that many an honorable athlete is forced to lie in order to compete in the Games. Every entry declares "on my honour that I am an amateur and that I have read and comply with the Eligibility Code of the Olympic Games." Too often the entrants know they have broken one or more of the rules. And to top off the unfortunate hypocrisy, each entry is counter-signed by the president or secretary of the national federation and the president or secretary of the national Olympic committee, who, in many cases, either know better, or should know better.

Rules begin with the statement that a "competitor must participate and always have participated in sport as an avocation without material gain of any kind. He qualifies: (a) if he has a basic occupation designed to insure his present or future livelihood; (b) if he does not receive or has never received any remuneration for participation in sport; (c) if he complies with the rules of the International Federation concerned, and the official interpretations contained in the code."

Almost all athletes live up to (a), but some could be caught on (b) and very many would fail to pass (c) under strict adherence to the official interpretations of the eligibility code, which states:

"Among other, the following are not eligible for Olympic participation:

1. Those who have participated for money, or who have converted prizes into money... and those who have received presents which can be converted into money or other material advantages. (Few athletes compete for money in the US these days but the under-the-table payment is more common in Europe. Many athletes have sold merchandise awards, especially when they win a surplus of one item, such as watches. And some receive presents which can be converted into money.)

2. Those who have capitalized in any way on their athletic fame or success, profited commercially therefrom or have accepted special inducements of any kind to participate, or those who have secured employment or promotion by reason of their sport performances rather than their ability, whether in commercial enterprises, the armed services, or any other paid activity. (It is not uncommon, here and abroad, for an athlete to accept a special inducement, usually small, to participate. Iron curtain athletes are known to have good jobs because they are athletes, and how many others have secured a job because

of athletic fame?)

3. An athlete who becomes a professional in any sport or who has decided to become a professional or who plays in a professional team with a view to become a professional. (Note you don't have to announce your intention to turn pro, just have decided on it. Certainly Bob Hayes, for instance, had decided before he ran in the 1964 Games to turn pro afterwards and a number of present Olympic candidates have their goals set on pro spots in football and basketball, hockey and soccer football.)

4. Those who are paid for teaching or coaching others for competition in sport. (This should rule out any physical education teacher or coach, although in practice a number of athletes get away with it because it is judged they are paid only for teaching while coaching without pay!)

5. Anyone awarded a scholarship mainly for his athletic ability. (There goes almost all the US team. However, the US claims its athletic scholarships -- a misnomer if I ever heard one -- are not given for athletic ability, but really are "grants-in-aid" to needy students. Reportedly the main reason the US has never been challenged in Olympic circles is because the iron curtain countries are vulnerable on their state employed athletes.)

6. An athlete who demands payment or expense money for a manager, coach, relative, or friend. (This happens not infrequently.)

7. Those who have received payment of expenses in excess of the actual outlay. (Paavo Nurmi, Dan Waern and Wes Santee have been caught and punished for this infraction, but my guess is that for every one caught there have been a hundred uncaught violations.)

8. Those whose occupation (studies or employment) has been interrupted for special training in a camp for more than four weeks in any one calendar year. (With high altitude training camps the vogue currently, it is a cinch there will be violations of this rule.)

9. Any employment must be bona fide and not a cover for excessive opportunities for training or competition in sport. (Many military men in many countries, although by no means all of them, have received excessive opportunities for training and competition, as have many of the state supported athletes.)

10. Use of drugs or artificial stimulants or any kind of dope is defined to include, among other things, the use of alcohol and the anabolic steroids so popular with weightmen. (Technically, therefore one beer rules you out. And there are not many world class weightmen who can deny having used the anabolic steroids. They help an athlete put on weight and add strength, and until the Olympic rules prohibited them it was something the athletes talked about very little in public but did not regard as a secret.)

There are a couple of other interpretations but they are seldom violated. But violations of the 10 listed rules are frequent enough to completely gut the United States Olympic squad and many others.

Fortunately, the rules are not strictly enforced. I say fortunately, because none of us wants to see an athlete forced out of Olympic competition because he has a track scholarship, teaches P. E., had a beer last New Year's Eve, or has decided he would like to play pro football. Some of these rules are just plain unrealistic. They should be abandoned or revised, for a law that is not enforced tends to breed contempt for the lawmakers and enforcers.

On the other hand, some of the rules -- such as those on doping and competing as a pro -- call for strict enforcement and should not be weakened by being paired with other rules no one wants enforced.

Meanwhile, we can look for the Games of the XIXth Olympiad to take place with few or no athletes ruled ineligible.

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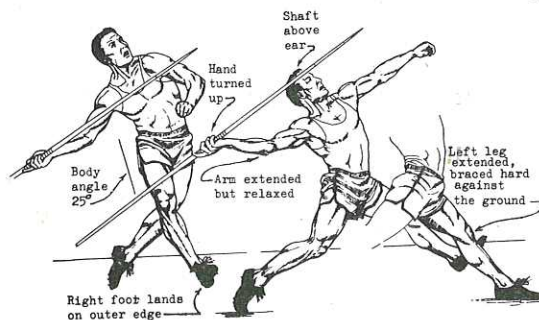
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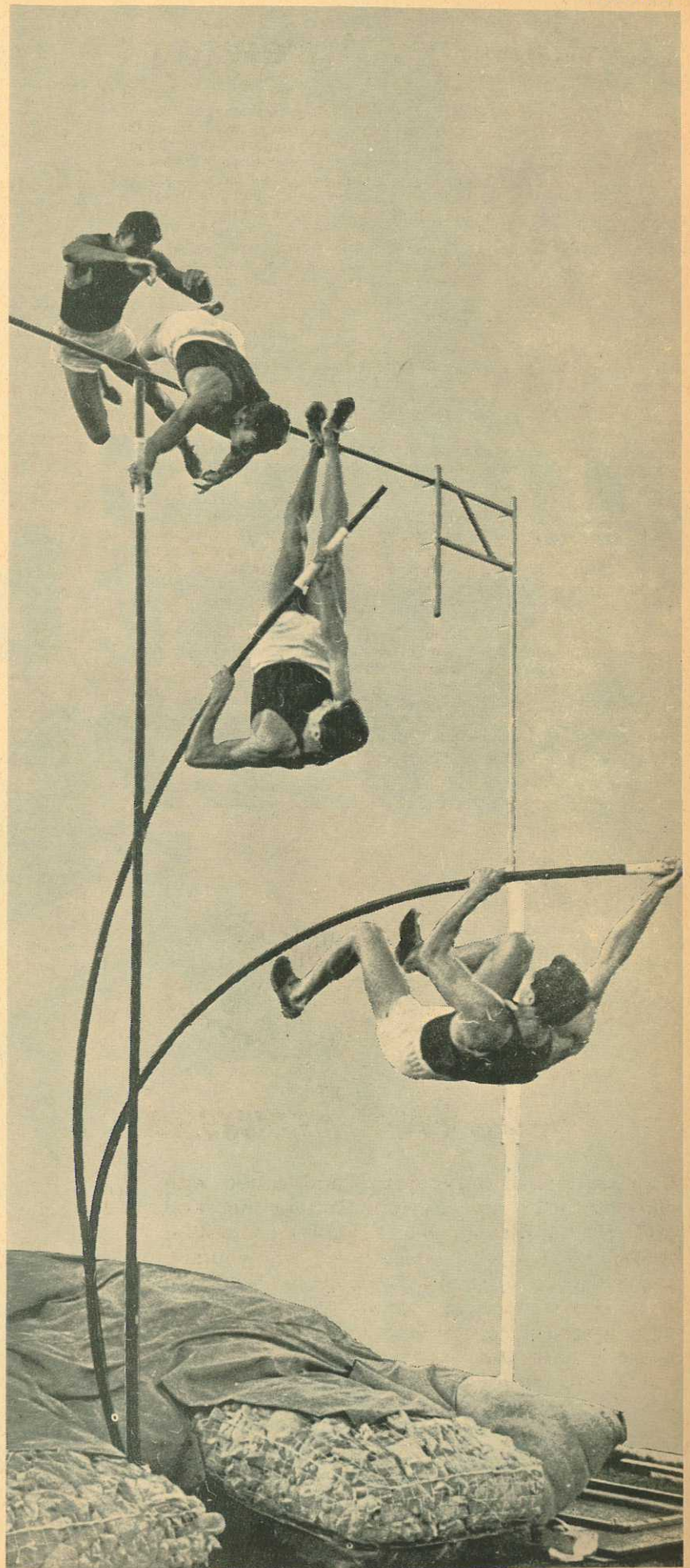


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