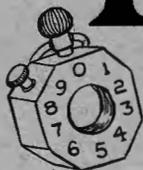


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NEWS

CENTRAL MICHIGAN 59 2/3, EASTERN MICHIGAN 44 1/3, Ypsilanti, Jan. 21: Jormakka (EM) 4:25.8, 9:28.2; Stephens (EM) 6.3; Carroll (EM) 1:56.4. (Hayes Jones did not run).

ARMY 70 1/3, CORNELL 38 2/3, West Point, N. Y., Jan. 23: Groom (C) 4:19.7; Moulding (C) 1:12.9; Hanne (A) 2:13.8; Jones (A) 9:29.3; SP, Nance (A) 53'2 1/2"; LaBorne (A) 6'4"; Murray (C) 13'10 1/2"; Army 3:24.8; Cornell 8:01.5.

STANFORD ALL-COMERS MEETS, Stanford, Calif., Jan. 30: Thomassen (SCYC) 10.1y; Pease (Stanford) 10.2y; Klicker (Navy) 50.4y; Carpenter (Navy) 50.6; Pease 50.6; Pease 22.1; Carpenter 22.2; 5,000, Morgan 15:19.3; McCalla (Berkeley H.S.) 15:30.4; 440H, Thomassen 53.9. Feb. 6: Batz (SCYC) 9:39.4; Lehner (Palo Alto H.S.) 4:26.8; Thomassen 21.5; Smith (Stanford) 22.1; Pease 22.2; Boore (Los Altos H.S.) 1:57.5; Ruble (Los Altos H.S.) 1:58.8; 3,000SC, Monzingo (Stanford) 9:56.5; 220LH, Thomassen 24.0.

MICHIGAN AAU, Ann Arbor, Jan. 30: Novice 300, Voorheis (una.) 32.2. BJ, Bird (Mich.) 23'11 3/4"; Watkins (Detroit) 23'3 3/4". 200-Yard Shuttle Hurdle Relay, Michigan 26.1. 2 Mile Relay, Western Michigan 7:45.0; Michigan; Michigan State. 60, Robinson (Mich) 6.2; Johnson (Western Mich); Gregg (Mich); Jacobs (UCTC). Mile, Wallingford (Toronto) 4:17.7; Jormakka (Eastern Mich.). 600, Telford (Detroit TC) 1:12.7; Billups (Loyola); Rhoden (Toronto TC). HJ, Cephas (Mich) 6'4"; Williams (una.) 6'4". 65HH, May (UCTC) 8.0; P. Jones (Detroit TC); Dornbach (una.); Ashmore (Loyola). Distance Medley, Western Michigan 10:11.1; Michigan State; Michigan. SP, LaSpina (Miami) 51'6 1/2"; Locke (Mich). 1,000, Connor (Miami) 2:17.0. Sprint Medley, Michigan 3:30.9; Michigan State; Western Michigan. 880 Relay, Western Michigan 1:29.6 (American indoor dirt track record); Central Michigan. 65LH, P. Jones 7.4; May; Cephas; Bezile (Western Mich). 2 Mile, Hopkins (Western Mich) 9:39.1. College, Club Mile Relay, Central Michigan 3:23.4. University Mile Relay, Michigan A team 3:22.5; Michigan State; Michigan B team. PV, Hoyle (UCTC) 14'6".

ARMY 75 1/2, PITTSBURGH 33 1/2, West Point, N. Y., Jan. 30: Wilson (A) 4:21.7; McGinnis (A) 1:14.7; Hanne (A) 2:11.6; Jones (A), Roberts (A), Bender (A), all 9:32.3; LaBorne (A) 6'3 3/4"; SP, Nance (A) 54'2"; Army 3:23.2, 7:59.6.

MINNESOTA 74 1/4, IOWA STATE 28 3/4, Minneapolis, Jan. 30: Erickson (M) 4:13.4, 1:54.8; Morrow (M) 13'3", 22'9 3/4"; Levine (M) 6.3; 70LH, Peterson (M) 8.2.

NEBRASKA 93 2/3, DRAKE 43 1/3, SOUTH DAKOTA STATE 13, Lincoln, Neb., Jan. 30: Shipman (D) 13'4"; Wellman (N) 51'2"; American Horse (N) 4:25.4, 9:48.2; Mullins (N) 1:11.4; Cross (N) 50.8, 6.5; 60LH, Fasano (N) 7.2; Durant (D) 1:57.7.

INTERNATIONAL MEET, Winnipeg, Canada, Feb. 1: PV, Graham 15'; Oden (Emporia State) 14' 1/2"; Gibson (UCTC) 13'6". 3 Mile, Kyle 13:53.2; Edelen. Mile, Pond (UCTC) 4:12.2; Oakley (Arkansas). 60, Fisher-Smith (Winnipeg) 6.2; Hazley.

NOTRE DAME 53 1/2, MISSOURI 50 1/2, Notre Dame, Ind., Feb. 1: Gregory (ND) 4:14.8; Wenski (M) 23'1 1/2"; Fitzpatrick (ND) 6.3 (6.2 in heat); Baker (M) 49.2; Cotton (ND) 9:15.5; Gregory 1:55.7; LaRose (M) 53'9"; 60LH, Streeby (M) 7.1; Monjeau (ND) 6'4"; Reichert (ND) 14'; Missouri 3:23.0.

BOSTON A.A., Boston, Feb. 6: 35 lb. WT, Backus (NYAC) 67' 1" (indoor record); Lawlor (Boston U) 62'8 1/2"; Engel (NYPC) 61'8 1/2"; Doten (Harvard) 58'7 1/2". SP, Marchiony (Manhattan) 56'8 1/2"; Monkofsky (NYPC) 54'8"; Shine (una.) 54'4"; Bender (U.S. Army). BJ, Herman (NYPC) 24'3 1/2"; Douglas (Bates) 24'2 1/4". 440, Brown (Yale) 50.9; Liles (Harvard)

Christianson (Boston U). 880, Slowik (Yale) 1:54.8; Simons (Holy Cross); Howard (Harvard); Freeman (Boston U). 45HH, Calhoun (una.) 5.8; Praš (Villanova); Cobb (U.S. Navy); Herman, 50, Brown (Penn State) 5.3; Gardner (Nebraska); Rush (NYPC); Winder (Morgan St.). 600, Kerr (Illinois) 1:11.8; Courtney (Manhattan); Smith (Bates). 1,000, Murphy (NYAC) 2:09.8; Evans (Manhattan); Carafitis (NYAC); Finnerty (Alfred). Mile, Coleman (UCTC) 4:03.8; Moran (NYAC); Engelbrink (Penn State); Bowers (Illinois). 3 Mile, Truex (U.S. Air Force) 13:56.0; Mugosa (NYAC); Lowe (Brown); Jones (U.S. Army). PV, Bragg (Shanahan CC) 15'1"; Schwarz (Quantico) 14'9"; Welbourn (Ohio TC) 14'3"; Johnson (U.S. Army) 13'9"; Groom (Prince Edward Island) 13'9". HJ, Thomas (Boston U) 7'1½" (ties indoor record); Dumas (USC) 6'10½"; Gardner (Quantico) 6'8"; Pettersson (Sweden) 6'8".

GERMAN RESULTS, Berlin, Jan. 17: 50m, Carper (US) 5.8; Krohn 6.0; Steinbach 6.0; Strzelczyk 6.0. 50mH, Gerbig 6.9; Nuske 7.0. Mainz, Jan. 23: Drumm 13'5¾"; Pull 6'6¾"; Lingnau 55'1¾". Dortmund, Jan. 30: 60y, (a) Carper 6.0 (ties world indoor record); Delecour (France) 6.1; Tettey (Ghana) 6.3. (b) Zielinski (Poland) 6.2; Sundermann 6.3; Langele 6.3. 400, Quantz 49.1; Wrighton (GB) 49.3; Radosch 49.4. 800, Missalla 1:53.1; Holt (GB) 1:53.6; Rentsch 1:54.1; Lind (Sweden) 1:54.6. 1,000m, Flomm 2:28.9. 1500, Bohme 3:50.3; Schwarte 3:50.8; Brenner 3:52.9. 3,000, Huneke 8:22.6. 60yHH, Lorgor (Yugoslavia) 7.3; Gerbig 7.4; Brocke 7.5. SP, Lucking (GB) 55'6½"; Wegmann 53'9¼". HJ, Pettersson (Sweden) 6'8¾".

Leningrad, Russia, Feb. 8: (indoors) 100m, Mikhailov 10.4; Lyubeshkin 10.5.

AUSTRALIAN RESULTS, Melbourne, Jan. 31: Women's 220, Cuthbert 23.6. Melbourne, Feb. 3: 3,000, Elliott 8:09.5. Bendigo, Feb. 6: Elliott 3:59.8 (1500 3:42.3) (59.0, 1:58.5, 2:58.0)

Auckland, New Zealand: 5,000, Halberg 13:58.2; McGee 14:16.0. JT, Hahn 233'9¾". Women's DT, Thompson 166'2".

BULLETIN BOARD

Next Newsletters Feb. 24, March 9. Track & Field News mailed March 3.

Mohamed Zeribi, 6 Rue Ben Metticha, Tunis, Tunisia, a student, would like to correspond with an American about track and field in either French or English.

WIND SPRINTS

Ken Doherty has put a grasstex matting on top of the board runway in Philadelphia to assist Don Bragg as much as possible in his record attempt at the Inquirer meet Friday... the Millrose Games was conducted this year by a crop of 32 officials. Last year there were 97 officials at the meet... Bob Gutowski, who vaulted 15'1" at the Washington Evening Star Games, said he is not in shape. "I jumped very badly in Los Angeles," Gutowski said. "The reason I did 15 feet here (in Washington) is because I was tired. In California I was too quick. Being tired here, I slowed down and jumped better. But I need a lot of work."... the University of Oregon will be well represented on the indoor circuit this weekend. On Friday, junior George Larson and senior Dick Miller will run in the Philadelphia Inquirer mile. On Saturday, sophomore Dyrol Burleson and freshman Vic Reeve will run in the Baxter mile at the New York A.C. meet. They will be opposed by Archie San Romani, jr., Ed Moran and Jim Beatty. Across the nation at the Los Angeles Times Invitational, Jim Grelle will run in the 1,000 and Bill Dellinger is in the two mile. In addition, junior Roscoe Cook will run in the 60 at the Los Angeles meet. Larson, who ran 4:07.8 in his indoor debut at Los Angeles, had a 9:02 time trial before the race. He is figured to be a better two miler and may try the steeplechase. Grelle also is interested in the long barrier event. He ran a mile steeplechase in 4:28 without too much trouble. Oregon Coach Bill Bowerman says Reeve, a Canadian, is a better distance man than a miler despite Reeve's 4:11.0 at 17... A Swedish athlete official says Herb Elliott and Albert Thomas are going to be invited to train in Sweden this summer. Sven Stroemberg of the Oergryte Athletic Club said an invitation is "on it's way to Australia" to Elliott and Thomas. Earlier, Elliott had said he would like to run in Europe and would accept further invitations from the United States in his training program for the Olympics. Elliott said he is most anxious to race outside Australia but so far the only invitation he has received is from the U.S. in June. Elliott said: "I will run elsewhere, if I'm invited, and I would like very much to run in Sweden again."... Jim Beatty, who won the Los Angeles Invitational two mile, says he'll run at least through the 1961 season and hopes to get his two mile time down to 8:30. Before his Los Angeles race, he hadn't had a full race since the 1958 Drake Relays.

NOTED WITH INTEREST

Yale looms as the power in the Heptagonal league, according to New York sports-writer Joseph Sheehan. The Elis, who won the Heptagonal indoor title last year, had three winners in the Massachusetts Knights of Columbus meet -- Jim Stack in the 600, Tom Carroll in the 1,000 and the two mile relay. Sheehan thinks Coach Bob Giegengack has enough talent in New Haven to be a threat to Penn State and Manhattan in the IC4A meet. Here is Sheehan's school-by-school wrapup:

YALE-- The Elis are strong in the middle distances. Besides Stack and Carroll they have superior performers in Ed Slowik, Bill Legat and Ned Roache. With this quintet as a nucleus, the Yale mile and two mile relay teams should be among the best in the East. Steve Snyder in the dash and Jay Luck in the hurdles provide straightaway punch. Tom Cathcart in the mile and John Morris, Bill Bachrach and Jon Blake in the two mile all have scoring potential. Yale is well-manned in the field too. Oakley Andrews and Charlie Dill top 13' in the pole vault. Al Leisenring has high jumped 6'4". Mike Pyle and George Green are 51' shot putters. Dave Cross is over 55' in the weight throw.

NAVY-- Coach Earl Thomson's midshipmen are strongest in the short events and the field. They have good sprinters in Paul Mankooich and George Van Houten and a good hurdler in Milt McHenry. Lew Hilder has high jumped 6'6" outdoors; Myrell Maxson has pole vaulted 14' and John Pritchard and Charles Thorell do better than 23' in the broad jump. Henry Sage, a Yale transfer, has a weight mark of 57'10" and Jim Hart a shot record of 52'4". In the running events, Navy's best performers are Bob Kunkle and Bob Dunkle in the two mile and Ken Vaughn in the 600.

ARMY-- The cadets are a formidable dual meet squad as victories over Manhattan and St. John's attest. But Coach Carleton Crowell does not appear to have as many quality points as usual for championship competition. West Point's top athletes are Bill Hanne in the 1,000, Gene LaBorne, who has high jumped 6'4" plus, and Ed Sprague, a dashman. Other leaders include Jim Johnson, hurdles; Art Bondshu, 600; John Jones, two miles; John Hoas, broad jump, and Gene Reese, weight throw. The relays are sound, on depth.

HARVARD-- Until Coach Bill McCurdy can develop new runners, the field men will have to carry the load. The Crimson has strong throwers in Sarge Nichols and Steve Cohen in the shot and Ted Bailey in the weight throw. Tom Blodgett is around 14' in the pole vault. Pat Liles and Bob Downs are 23' broad jumpers and Marty Beckwith heads a trio of 6' high jumpers. On the track, the best bets are Art Cahn in the 1,000 and Mark Mullin and Jed Fitzgerald in the mile. Liles and Blodgett may have to help out in the 600 and hurdles, respectively.

CORNELL-- The Big Red's chief pride is John Murray, who has boosted the Cornell pole vault record above 14'. Al Finch is pressing that height. Other field event leaders are Mike Schenker, weight throw; Henry Betts, broad jump, and Tom Mikulina, high jump. George Ekstrom, a 1959 IC4A dash scorer, and Eric Groom, who ran 4:19 as a freshman, are the top track prospects. Others who show promise include Pete Brandeis, 1,000, and Frank Brockman, two mile. Coach Lou Montgomery expects to have two capable relays.

PENNSYLVANIA-- Graduation hit Coach Boo Morcum's squad hard. But the Quakers retain a strong nucleus. It includes Barney Berlinger Jr., who pole vaults 13'9"; Bob Reed, a 24' broad jumper; Bob Batdorf, a new 53' shot putter, and Dave Stevens, a 53' weight thrower. The track contingent is led by Dave Coffin, football playing sprinter-quarter-miler; John Jerbasi, 1,000-yarder; Ernie Tracy, two miler; and Rick Cuthbert, hurdler.

DARTMOUTH-- Coach Elly Noyes has a couple of crack sophomore distancemen in Nick Jennison, who has run a 4:18.3 mile, and Tom Laris, the former New York schoolboy champion who posted a 9:08.7 as a freshman. Other potential Hep scorers are John Ebers, hurdler, and Rick Husband, broad jumper. The Indians bog down after that on the championship level but have a strong dual meet team.

BROWN-- Angelo Sinisi, the IC4A hurdles champion, will lead the Bruins. Coach Ivan Fuqua has other quality performers in Bobby Lowe, two miler, and Dave Lang, who throws the weight from 56 to 57 feet. He also thinks well of the chances of Phil Schuyler in the 1,000; Gordy Hughes in the 600 and of a two mile relay team anchored by Schuyler.

PRINCETON-- Dick Edmunds, who set a Princeton 440-yard record of 47.0 in 1959, is the Tiger mainstay. He'll run the 600, Dave Wagstaff, a 23' broad jumper, is the number one field threat. Coach Pete Morgan also is bringing along some distance hopefuls, namely: Ned Elliott, miler, and Pete and Mike Kingston and Whit Azoy, two milers.

COLUMBIA-- Don Cohen, who may be the best hurdler in the Heptagonal set, is the principal holdover on Coach Dick Mason's squad. The Light Blue has a promising high jumper in John Joyce and a pair of improving pole vaulters in Pete Bogdanoff and Burt Cross. The rest of the team is very green.

Russia is catching up with the United States in the pole vault, Bob Gutowski recently told Los Angeles sportswriter Morton Moss. Gutowski thinks the Russians may be ready to launch a major push in the event. Here is Moss' interview:

"The pole vault has been a United States preserve during the past," said Gutowski. "But other countries are catching up. Russia has a talented vaulter in Vladimir Bulatov. The Russians are very serious about the pole vault and about other forms of track and field, too. They're anxious to learn. They take pictures of our athletes at every opportunity. Then, they study the form closely. I know this because I've seen them do it. They sometimes pattern themselves after you to the point where they even make the same mistakes."

In pursuit of the Olympic theme, Gutowski told us he doubted the wisdom of employing a single meet, as the U.S. does, to qualify its team for the world games.

"The United States can get away with a single qualifying meet because we have so many good athletes," Bob said. "If one has a bad day and falls by the wayside, there are others right at his heels. But it's a mistake. It's so easy for a fellow to have a good day and fold in international competition. I've seen it happen. There's a lot of psychological pressure in the Olympics. The ability to beat up under it is half the problem. And experience is an important factor."

Gutowski considers that the results of a series of top meets would furnish a more dependable measuring rod. But the brass of the Amateur Athletic Union still prefers to put all its eggs in one basket, even if it thereby risks losing a valuable part of the contents.

TRACK NUTS QUIZ

Guest contributor: R. Stanfield, London, England.

Answers appear at the bottom of the page.

1. Who has run the only legitimate non-winning 9,310 in history?
2. Who, in a one-month period, broke the world six-mile record and then beat Wes Santee over a mile?
3. To whom did Chris Chataway lose in 1954 when recording the same world record breaking three-mile time of 13:32.2?
4. Who is the only non-European to have broken 29 minutes for 10,000 meters?
5. Who holds the "world record" for the 300 yards?
6. What athlete took 5.8 seconds off the world two mile record yet failed to win the race?
7. What is the fastest non-winning 400 meters time on record?
8. Who is the only trackman to have won a medal in all the post-war Olympics?
9. Name the two Europeans who defeated Herb Elliott in 1958.
10. Who ran 46.2 in the 1956 Olympic Games but still did not make the 400 final?

QUIZ ANSWERS

1. Ira Murchison. 2. Gordon Pirie, Great Britain, 1953. 3. Fred Green, Great Britain. 4. Al Lawrence, Australia. 5. Thane Baker, U.S., 29.4. 6. Ken Wood, Great Britain. 7. 45.7. Jim Lea, U.S., 1955. 8. Bob Richards. 9. Brian Hewson and Mike Rawson, both Great Britain. 10. Kevan Gosper, Australia.

PROFILES OF CHAMPIONS

PHILIP RANSOM "PHIL" CONLEY, javelin throw, 6'3½", 200 pounds, brown hair, hazel eyes, born Aug. 17, 1934, Madera, Calif.

He started track in the fifth grade in Fresno, Calif., when he found that he was faster than anyone else in the school. He didn't start throwing the javelin until he was a freshman at California Institute of Technology. He threw 176'9" in his first year but improved to 199'2½" as a sophomore. In 1955 he threw 231'7⅝ for fifth in the NCAA meet. The next year he won the NCAA title with a 239'11" toss and placed fifth in the AAU meet. He then qualified for the U. S. Olympic team by taking second in the Tryouts with a 244'1" toss. In September of that year he threw 251'⅞ at an Olympic development in Eugene, Oregon. In the Olympics, he placed 10th with a 228'9½" effort. After graduating from Caltech he represented the Los Angeles A. C. in 1957 and placed sixth in the AAU meet. His best toss that year was 243'5". He entered the army in 1958 and placed third in the AAU meet with another 243'5" toss. In 1959 he threw 249' even at Ft. Lee, Va., and then took third in the AAU meet to qualify for the Pan American Games team. In the Pan Am Games he placed second with a toss of 229'5½". In other track events he has broad jumped 22'10", high jumped 6'2¼" and run the 100 yard dash in 10.1. His goal for 1960 is an Olympic medal and 270 feet. He plans to compete until 1964.

Trains 10 months a year, six days a week. He does weight training three times a week using a moderate amount of repetitions. His typical weekly schedule throughout the year is as follows: Sunday, limberup, throw at half effort, analyze mistakes, walk two miles. Lift weights at night. Monday, throw at two-thirds effort, practice approaches and follow throughs. Tuesday, hard throwing at about three-quarters to seven-eighths effort. Lift weights at night. Wednesday, hurdling and some broad jumping and sprinting. Thursday, nothing except lift weights at night. Friday, exercises and jogging. He does not throw the javelin on Thursday and Friday. Coached by Floyd Hanes, Bert LaBrucherie and Payton Jordan. Helped by Al Cantello, Steve Seymour and Cy Young. Considers Cantello, Bill Alley and Bud Held his most serious rivals. Uses the Finnish front-cross style in throwing. He was recently released from the army and is now living in Fresno. In college, he majored in mechanical engineering and was president of the student body. He hopes to become an engineer-businessman. Besides track, he also plays volleyball and was the 1959 AAU champion. He also was on the armed forces team that placed third in the Pan American Games trials. While at Caltech, he also played football, basketball and baseball. His biggest thrill was making the 1956 Olympic team but he received his biggest disappointment when he made a poor showing in the Games.

MILES ALAN EISENMAN, distances, 5'10", 135 pounds, brown hair, blue eyes, born July 9, 1938, Portland, Oregon. Student, Oklahoma State University.

He launched his track career in the seventh grade in Tehachapi, Calif., because he always wanted to be a distance runner. As a high school freshman in 1953 he ran the 1320 in 3:40. He cut eight seconds off that time as a sophomore but switched to the mile as a junior and ran 4:45. In his senior year he ran 3:17 and 4:28.1. He enrolled at Bakersfield, Calif., Junior College and ran 4:28.0 and 9:22.7 in 1957. The next year he posted bests of 4:18.5 and 9:19.7. He entered Oklahoma State and last year posted bests of 4:12.4, 8:58.7 and 13:50.9 for three miles. He won the Big Eight indoor and outdoor two mile titles and also took the conference cross country title last fall. He placed second in the NCAA three mile and was fifth in the AAU 5,000 in 14:52.4. His goal for 1960 is to make the Olympic team. He is undecided as to how long he wants to compete.

He trains 11 months a year, six days a week. He lifts weights each day with emphasis on general exercises. His weights are usually one-third of his body weight. He runs 15 miles a day. Coached by John Goddell, John Collins and Ralph Higgins. He has been helped by Ralph Adams. He rates Max Truex, Bob Soth, Lew Stieglitz and Bill Dellinger as his most serious rivals. His biggest thrill was winning the three mile at the 1959 Texas Relays and his biggest disappointment was spraining his ankle at the 1959 NCAA cross country championships. He majors in wildlife conservation and hopes to enter the wildlife management field after graduation. His hobbies are hunting, taxidermy, hiking and drawing.

JACK L. YERMAN, sprints, quarter-mile, 6', 180 pounds, blond hair, blue eyes, born Feb. 5, 1939, Oroville, Calif., Student, University of California at Berkeley.

He started track in the ninth grade at Woodland, Calif., High School. As a sophomore he ran 10.9 for the 100 but switched to the 440 as a junior and ran 50.6. In his senior he ran 47.8 while placing third in the state meet. He enrolled at California and ran 47.7 as a frosh. The next year he ran 46.6 for third in the NCAA meet and took third in the AAU 440 in the same time. He ran a 1:49.4 leg on the California team that set a world two mile relay record of 7:20.9. In 1959 he took third in the AAU 400 in 46.6 after running a heat in 46.5. In the NCAA meet, he was disqualified in the 440 semi-finals for running out of his lane. His third place in the AAU meet qualified him for a place on the U.S. Pan American Games team. Later in the summer he set an American record of 1:17.0 for the 660 at Buffalo. At the Pan Am Games he placed sixth in the 400 and ran a 45.7 leg for the second place U.S. team in the 1600 meter relay. His best time in the 220 is 21.0. His goal for this season is to make the Olympic team. He plans to compete until 1961.

He trains 12 months a year, five days a week and does some weight training. In the fall he does repeat 440s and repeat 180s on alternate days. He continues to do repeat work in the winter. He starts with 100 yard sprints and over a period of weeks works up to 660 yards. He has been coached by Palmer Muhl and Brutus Hamilton, and has been helped by Tom Courtney. He considers Eddie Southern, Glenn Davis and Dave Mills his most serious rivals. His biggest thrill was beating Southern on the anchor leg of a mile relay at the 1959 California Relays. His biggest disappointment was not winning the 1959 AAU 400. He majors in industrial relations and plans to go into personnel management after graduation. Until last fall he played football and was on California's 1958 Rose Bowl team. His hobby is hunting.

JAMES GILBERT "JIM" GRAHAM, pole vault, 6'4½", 190 pounds, brown hair, blue eyes, born Feb. 24, 1935, Salina, Okla., Married, one daughter. Student, Oklahoma State University.

He became interested in track in his sophomore year at Will Rogers High School in Tulsa, Okla., when the track coach approached him during the basketball season and asked if he would like to try the high jump. However, he injured his back high jumping and switched to the pole vault. In his first year, he vaulted 8'6". He improved to 10'6" as a junior and did 12'2" as a senior. He enrolled at Oklahoma State in 1953 and as a frosh did 13'2". He had a best of 13'2" as a sophomore but as a junior in 1956 qualified for the U.S. Olympic team by taking third in the Tryouts with a vault of 14'8½". He tied for first in the NCAA meet and tied for the fourth in the AAU. He was forced to withdraw from the Olympic squad because of an ankle injury. He was out of school in 1957 and missed the 1958 season because of a broken wrist. He returned to vaulting in 1959 and received his biggest thrill by clearing 15 feet for the first time at the Drake Relays. Later in the season he vaulted 15'5" in a dual meet against Oklahoma. He won the NCAA title with a vault of 15'2" and then qualified for the Pan American Games team by taking third in the AAU meet with a 15'3" effort. He took second in the Pan American Games. His goal for this season is 15'10" and a spot on the Olympic team. He intends to compete as long as he is physically fit.

He trains seven months a year, six days a week. He works with light weights, always stressing speed. He does mostly curls, bench presses, situps and clean and jerks. He also does some work on the horizontal bar. In the fall he does lots of running. He runs the hurdles and on the flat at distances from 220 to 880. Some days in the fall he just jogs two miles. He works out indoors in the winter and starts to put emphasis on his vaulting. Coached by John Camille, Otto Endres, Ralph Higgins and Jess Mortenson. He has been helped by Aubrey Dooley, Bob Richards, Tom Courtney and Charles Manwarring. He considers Don Bragg, Bob Gutowski, Dooley, Mel Schwarz and J.D. Martin his most serious rivals. He is majoring in veterinary medicine and plans to become a doctor in that field. His brother, Ray, is a sophomore at Oklahoma State and is on the cross country and track teams.

10 YEARS OF TRACK AND FIELD

Part II - The 400-440

By Humphrey J. Long

<u>World Records:</u>	<u>400 meters</u>	<u>440 yards</u>
1950	45.9	46.0
1960	45.2	45.7

Jamaican athletes almost completely dominated the one-lap dash in the early 1950's as they had in every year since the end of World War II. Herb McKenley and George Rhoden in the United States and Arthur Wint in Great Britain were responsible for this West Indian supremacy. At the end of 1949 McKenley held both the 400 and 440 records while Wint was co-holder of the Olympic record of 46.2.

In 1950, however, Rhoden lowered the world 400 record with a 45.8 clocking on a European tour after winning the NCAA and National AAU titles. McKenley challenged Rhoden throughout the season but could never quite match the younger man's speed. The following year this Jamaican trio again dominated the scene with Rhoden repeating his AAU triumph in 46.0.

At Helsinki in 1952 a great 400 field lined up for the Olympic prize. There were the three Jamaicans, Mal Whitfield and Ollie Matson of the United States and Karl-Friedrich Haas of Germany. This was to be the greatest one-lap battle ever witnessed. Rhoden and McKenley fought it out all the way down the stretch with Rhoden winning by 18 inches. Both men were clocked in 45.9 with the rest of the field far behind. For McKenley it indeed was a disappointment. He was the runnerup for the third time in an Olympic final. However, he got a gold medal with Jamaica's brilliant victory in the 1600 meter relay at the end of the Games.

The Helsinki Olympics marked the end of the Jamaican era and the title as the world's fastest one-lap specialist was open for a couple of years. In 1953 the veteran Whitfield led the field but in 1954 he was overtaken by Ardalion Ignatyev, the only Russian ever to excel at this distance. In the U.S. Jim Lea won the NCAA title and the AAU crown from improving Lou Jones. Ignatyev won the 1954 European title in 46.6 and the following year equalled Rudolf Harbig's European record with a 46.0. However, previous to this Lea and Jones had competed in the Pan American Games in the rarified atmosphere of Mexico City. The conditions were undoubtedly helpful and the results were record shattering. Jones was first in 45.4 and Lea second in 45.6, both inside Rhoden's world mark. Neither man showed the same form later in the season and newcomer Charles Jenkins took the AAU in 46.7 and J. W. Mashburn the NCAA in 46.6.

As usual things really warmed up in the Olympic year and the first record to go was the 440 mark. At Modesto, Calif., in May Lea toured the distance in 45.8. Mashburn again took the NCAA title but big Tom Courtney took the AAU. A great race at the Olympic Trials was in prospect. Once again it was Lou Jones who supplied the fireworks. He ran 45.2 at Los Angeles to finish ahead of Lea and Jenkins. At Melbourne, however, neither Jones nor Lea was in top condition and it was left to Jenkins to uphold the U. S. tradition in this event and win the final in 46.7. A pointer to the improvement in the 400 standards was given in the Olympic semi-finals when Kevan Gosper of Australia failed to qualify after clocking 46.2, Bill Carr's and Wint's winning times in 1932 and 1948.

In 1957 the pace slowed down with no international competition to stimulate competition. A measuring error ruined the year's AAU final while intermediate hurdlers Glenn Davis and Eddie Southern began to show promise on the flat. In fact, the 1958 season was one long duel between these two American youngsters with Davis having the undoubted edge. In the NCAA meet Davis won the 440 in a world record 45.7. A few weeks earlier he had equalled Lea's mark in the Big Ten meet. With the Ohio State flash absent from the AAU 440 Southern won in 45.8. On the European tour Davis was supreme with a great series of marks including four sub 46.0 clockings. John Wrighton of Great Britain won the European title but of far greater significance was the victory of Milkha Singh, an Indian, in winning the British Empire Games 440 title in 46.6.

Davis did not seriously contest this event in 1959 leaving Southern, now 22, a clear field. The Texan posted victories in the NCAA, AAU and the US-Russia dual meet but conditioning let him down in the Pan American Games where he failed to make the final. A

portent of possible 1960 Olympic trouble for the U.S. was given at this meet by the way the West Indians finished 1-2-3 in the final and took the 1600 meter relay. In Europe, German Carl Kaufmann set a European mark of 45.8 for the 400 and in South Africa, Mal Spence set a new British Empire best of 46.1 for the 440. The prospects for 1960 in Rome are indeed exciting. George Kerr, the Pan Am winner, could follow in the footsteps of countrymen Wint and Rhoden in the individual event. The world record could certainly go in the 400 and the relay where the U.S. and the West Indies will field fabulous quartets. It should set the 1960's off to a really great start.

THE FASTEST HUMANS ON BOARDS

Part Three of a Series

By Wally Donovan

(Author, All Time Indoor Record Book)

The 1935 indoor season opened in Brooklyn at the 106th Infantry Armory on Bedford Avenue, only a short distance from Ebbets Field. At this meet, sponsored by the Columbus Council Knights of Columbus, the sprint series was full of surprises.

Ben Johnson, the Columbia sophomore, was eliminated in the 80-meter qualifying heat by two youngsters, Ted Ellison of DeWitt Clinton High School and Manny Krosny, an NYU sophomore. Sam Maniaci and Ed Siegel qualified in the second heat. The third heat was won by Eulace Peacock, a highly regarded negro sprinter was Temple who was making his indoor debut.

The six survivors from the 80-meter elimination trials then went to the line at 60 and 100 meters. Maniaci won the 60 from Peacock and Ellison but then Ellison came on with a thundering finish to beat his college rivals in the 100. Maniaci was second with Peacock third. Later in the year, Ellison set an indoor record of 22.2 for 220 yards, an indoor board track record which still stands.

At the Millrose Games, Ellison found himself in very fast company and was eliminated in a semi-final heat by Maniaci and Jesse Owens. Ben Johnson came through the trials without difficulty and went into the finals by beating Peacock in the other semi. This set the stage for the first meeting between Owens and Peacock.

Owens showed the Madison Square Garden fans his great sprint form by beating Peacock and Johnson in a blanket finish. His time of 6.3 was a tenth of a second behind the indoor record. Peacock finished second and Johnson third.

Peacock and Johnson again had it out in the 60 at the New York A.C. Games. The Temple star again defeated Johnson but this time, without Owens in the race, he took first.

When it was announced that Ralph Metcalfe would defend his indoor sprint crown at the National AAU meet a sellout was guaranteed. The Marquette star would not only have to face his old rivals, Owens and Johnson, but he would have to face a new challenger -- Peacock. At the AAU the first event was the broad jump. The crowd saw Owens leap 25'9" for an indoor record which still has not been broken. In the sprint race Metcalfe, Owens, Peacock and Johnson all came through in the heats with Johnson tying the American 60-meter record of 6.7. In the first semi-final Owens came streaking down the boards with Metcalfe and Maniaci in hot pursuit. Jesse flew to a new indoor record of 6.6 but Metcalfe was eliminated. Johnson and Peacock qualified in the other semi. In the final, Johnson raced to a sensational victory over Owens, Peacock and Maniaci. He tied the new indoor mark of 6.6.

What had not developed in the AAU meet came to pass a few weeks later at the New York Knights of Columbus meet. After the heats and semi-finals narrowed the field down to four finalists the announcer called off the names of the four men who would seek the 60 yard dash gold medal. They were Ben Johnson, Eulace Peacock, Jesse Owens and Ralph Metcalfe. It may have been the greatest indoor sprint field of all time.

The crowd tensed as the starter raised his gun and the runners took their marks. The gun went off and all four sprinters broke beautifully. A blanket could have covered the field for the first 50 yards. In the last 10 yards Metcalfe surged to the front to lead this classiest of all sprint fields over the line with Peacock a foot behind. Owens was third and Johnson last in this memorable race. The time was 6.4.

(Next installment: Perrin Walker, Herb Thompson and Barney Ewell join the race for indoor sprint supremacy)