

ATHLETICS WORLD

Complete coverage of Track and Field Athletics

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FEBRUARY 1957

No. 15

ELLIOTT (aged 18) 4:06.0 TWICE

Australia's New Wonder Miler

From J. H. Galli.

Highlights of Australia's post-Olympic season were two fantastic 4:06.0 miles by Herb. Elliott. The first was at the Olympic Park in Melbourne on January 12 when the 5ft. 11½in. tall 18 year old sliced eight-tenths off torch bearer Ron Clarke's previous world's under 19 best for a mile. Running in a 2nd Division interclub mile in sizzling heat but a windless day Elliott, whose previous best was only 4:20.4, had to make his own pace. Laps of 63.0, 63.0, 62.0 were followed by a courageous 58.0. Geoff Fleming was second in a personal best of 4:07.6.

Elliott's second 4:06.0 effort came on Australia's Foundation Day, January 26, when he won the Victorian State mile title by 4 yards from the New Zealander Bill Baillie (4:06.6), Ron Clarke (4:07.2) and John Murray (4:07.4). Elliott was last around the first furlong but moved to third behind Terry Sullivan (63.0) and Murray entering the second quarter. Murray led through the half-way mark in 2:07.0 with Elliott third. The junior took the lead just before the bell tolled in a disappointing 3:10.0 with Clarke and Baillie close up. Coming off the last turn only Clarke was able to challenge the fleeting 18 year old but that unsuccessful venture cost him second place.

Elliott formerly from Perth, W.A., has a well-developed torso, but strangely spindly legs. Since first hitting the headlines with a world's best mile for a 16 year old of 4:25.6 in November 1954, he set an Australian junior 880 yards record of 1:55.7 at Adelaide in February 1955 and there also beat Clarke in his 4:20.4 mile. Then in the following

September Elliott had several small foot bones broken when a piano, which he was helping to move, overbalanced. The injury still troubles him, but at least kept him from overdoing training and competition.

Other leading marks in Australia have been:—

100 yds.—9.4 Mike Agostini at Chatswood, Sydney, on grass with cross wind on December 19; 9.8 Agostini beat Hogan (9.9) at Melbourne against 6.5 m.p.h. wind on January 26.

220 yds.—21.1 (turn) Agostini at Newcastle on grass (also 100 yds. in 9.6 secs.); 21.6 (turn) Agostini beat Hogan (21.7) at Melbourne against 6.5 m.p.h. wind on January 28.

440 yds.—47.6 Gosper at Melbourne on January 26.

Mile.—4:04.0 Merv. Lincoln, 4:09.6n Ron Clarke at Melbourne on January 12.

220 yds. h.—23.8 (turn) John Cann (under 19) (10th in Olympic decathlon) at Sydney, December 15.

SP.—53' 8½" Barry Donath at Melbourne, January 12; 53' 1½" Donath Melbourne, January 26.

HT.—186' 8" M. Iqbal (Pakistan), Melbourne, December 15; 182' 6½" (Exhibition) C. Blair (U.S.A.), Melbourne, January 5; 171' 8½" Charles Morris (Australia), Sydney, December 8; 179' 7" Morris (Australia), record beating own 177' 10½" of 1956) at Sydney on January 28; 209' 8" (Exhibition) Cliff Blair (U.S.A.) at Moe, Victoria, on January 13.

Several of Australia's top men are coming to England for next season:—

Brian Randall, 9.6y, 10.5m, 21.6yt;



The career of Dave Stephens (Australia), known as the "Flying Milkman," holder of the world six miles record at 27:54.0 for nearly six months, may be over. A spur of bone is growing from his heel which now affects even his walking.

John Howes, 1:52.6m, 1:54.0y; Merv. Lincoln, 3:44.4m, 4:00.6 mile; Allan Lawrence, 10,000m 28:53.6 (British Empire best ever), Olympic Bronze medal, also 5,000m 14:01.8.

Barry Donath, SP 54' 4½"; Ron Gray, HSJ 48' 6½"; Gavin Carragher, 220y 21.8 (Sydney, January 12). Howes will go to Oxford University and Randall will join Polytechnic H.

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ATHLETICS WORLD

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ALL CORRESPONDENCE TO

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CENtral 1839

Pirie sets Australian Open record for two miles

The indefatigable Olympic 5,000 metres vice-champion Gordon Pirie reduced countryman Chris Brasher's Australian Open two miles record of 8:45.6 set at Geelong on November 14 to 8:44.6 on a Melbourne grass track on December 9. Pirie's only better 2 miles was one of 8:42.6 at Croydon on August 15. Second in the Melbourne event was Nyandika Maiyoro (Kenya) in 8:56.9 and third Ron Clarke (9:06.0).

Pirie also won his three other December races:—1,500 metres 3:45.6 at Adelaide on grass on December 7, with Clarke 3:48.2 and Dave Power 3:48.4; 3:52.2 at Melbourne on December 15; and three miles in 14:12.8 at Frankston, Victoria on December 16. He is now living in Wellington, N.Z., with his wife Shirley (*nee* Hampton), the international sprinter.

STOP PRESS

Dunedin, January 29. Pirie finished a distant third 180 yds. behind Merv. Lincoln (Australia) who won invitation mile in 4:01.8 to equal N. Z. record, and A. Potts (4:16.0e).

SAND and CINDERS

“ATHLETICS WORLD” —

LAST APPEARANCE

This is the last Editorial which we shall have to write for *Athletics World* because after five years it is a case of farewell.

Athletics World was started in March 1952 to fill a want for information on athletic performances at a time when the accent was very much upon publications on the coaching aspect of the sport.

There is a saying, perhaps rather a cynical one, that “Pioneering never pays”. In this case no hopes were entertained and hence none disappointed that such a specialist publication as this could ever be anything more than a labour of love.

The reasons for the cessation of publication are not, however, financial, but a question of priorities. The pressure of conflicting commitments, some of them abroad, has now reached a pitch such that insufficient time can be devoted to the preparation of each monthly issue for the standards of the past to be maintained.

We wish to thank our most loyal and helpful correspondents. Of these, outstanding is of course Roberto Quercetani of Italy whose brilliant linguistic abilities have enabled his reports to be published often without a stroke of subediting. From Australia we have received a very regular and valued series of reports from Joe Galli, whose knowledge of Australian athletics so far surpasses that of anyone else in that continent.

It is our fear that any future contributions of ours to the study and enjoyment in the field of athletics statistics will be only sporadic ones. For those who wish to keep informed of day to day developments we can do nothing better than recommend that they sample the excellence of the Californian publication *Track and Field News* edited by the brothers Cordner and Bert Nelson. This can be best effected as explained in the advertisement on page 229.

In closing, we would like to add our best wishes for prosperity to the British periodical *Athletics Weekly*, which provides such a great service in recording the multifarious activities in our national athletics, and *Modern Athlete*, which also takes in official A.A.A. Coaching News.

Finally, a word to thank all those who have sustained us during the life of *Athletics World* for their encouragement, criticism and support, but for whom this sad parting of the ways would not have been so long delayed.

THE EDITORS

AMERICAN NEWS

By R. L. QUERCETANI

COURTNEY, TABORI BEATEN IN INDOOR MEETS

As usual, upsets featured the early happenings of the American indoor season, with some of the leading Melbourne heroes not surprisingly proving far from fit at such an anticlimatic stage.

Interest centered on the indoor debut of Hungary's László Tábori, who has now settled down in the States with his coach, Mihály Iglói. In the Boston Knights of Columbus meeting (January 19), the junior member of the famous Magyar trio was beaten in a two mile race by the 4:00.8 American miler Fred Dwyer, who was timed in a fast 8:52.4. Horace Ashenfelter, who holds the indoor record for the distance at 8:50.5, was third, and Alex Breckenridge of Scotland and Villanova finished fourth. The following week, competing in the Philadelphia Inquirer meeting (January 25), Tábori could do no better than third in a mile race won by George King in 4:10.1 from steeplechaser Phil Coleman.

Another notable loser in these meetings was Tom Courtney, the Olympic 800 metres champion. After surprisingly proving a helpless rat against little known Dennis Gatto (Italian for "cat") in a 1:12.5 600 yards race at the Metropolitan Association Championships (New York, January 5), Courtney lost two more, namely to his arch rival Arnie Sowell, over 1,000 yards. The agile Negro star, who has never lost a race to Courtney in Eastern meetings, was timed in 2:12.8 at Boston and in 2:09.5 at Philadelphia. In the latter race, Courtney finished five yards back, after leading the parade virtually all of the way.

Olympic high hurdles champion Lee Calhoun had two stirring duels with Olympic decathlon champion Milt Campbell. Calhoun won the first round over 45 yards high hurdles at Boston in 5.5, but Campbell evened the count in the Philly meeting over 50 yards high hurdles, winning "by the thickness of a jersey" in 6.1.

In the "dashes" department there were as usual illustrious victims. At Boston it was Herb Carper who won

the 50 yards event in 5.4 from George Sydnor and the 10.1 100 metres man Willie Williams, and at Philly it was Ira Murchison's turn to defeat Dave Sime in an eyelash finish, still in 5.4. However, the list of "noteworthy performances" in the A.A.U. Handbook is there to remind us that Norwood ("Barney") Ewell ran the same distance in an incredible 5.1 right in Philadelphia back in 1939!

Best field event man was Donald Bragg, who vaulted 15ft. at Boston and 15ft. 0 $\frac{1}{2}$ in. at Philadelphia, bringing to 14 his tally of 15-foot clearances. Bragg, who will be 22 in June, cleared 15ft. 5 $\frac{1}{2}$ in. in an indoor meeting last year for the best "non-Warmerdam mark" in the history of the event.

Bob Backus twice bettered his own record for the 35lb. weight throw for distance, with 64ft. 2 $\frac{3}{4}$ in. in New York and 64ft. 5 $\frac{1}{2}$ in. in Boston. In this event Eastern hammer experts are now looking forward to 70 feet!

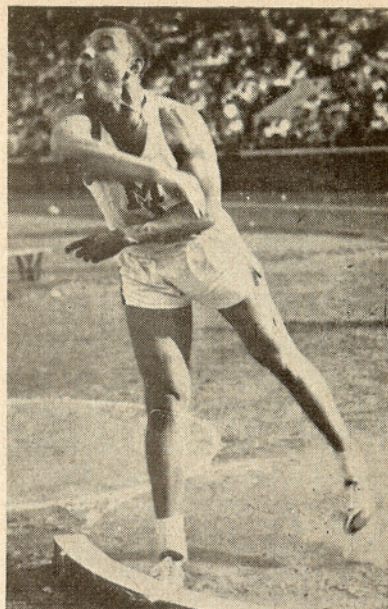
Phil Reavis once again showed his preference for board take-offs as he cleared a high jump bar set at 6ft. 9in. in the Boston meeting.

DAVE SIME RUNS 10.2 IN "SUGAR BOWL" MEETING

Dave Sime, the 20-year-old phenomenon from Duke University, seems to have fully recovered from his groin injury of last June. In the traditional Sugar Bowl meeting at New Orleans on December 30 (outdoors) he ran 100 metres in 10.2, thus becoming the sixth American to achieve that time (or 0.1 better) in 1956. Bobby Whilden of Texas was second in 10.4.

Olympian Joel Shankle won the 110 metres hurdles in 14.0 to remove from the books a meet record held by Dick Attlesley. Second in this race was Eddie Southern, the 400 metres hurdles specialist, who also ran the 400 metres in 47.5.

Bill Tidwell, probably the best combination of 880/mile runner in America today, won the 1,500 metres in 3:51.5, bettering a meet record set last year by Australia's Jim Bailey.



Kenneth Owens Bantum, the 16 stone 11 lb., 6 ft. 6in. tall, 60 foot shot putter. At only 21 he is regarded as the heir apparent to world record holder Parry O'Brien, 25. Bantum has run the high hurdles in 14.9 secs. (A.P.)

NORRIS WINS C.C.

Two wins and two second places raised Britain's cross-country stock on the continent during January. Ken Norris retained the 'Cross de Hannut' title over a muddy course for Britain to highlight the international season so far. He outsprinted evergreen Marcel van de Wattyne (Belgium) to win by 5 secs. in 36:29.0. These two led all the way to win from Frans Herman (Belgium) (36:40.0). Harry Hicks placed fifth and after a fast start Frank Sando faded to 10th with Mike Firth, suffering from illness, twelfth and defending champion Derek Ibbotson 14th.

Basil Heatley (37:35.0) and John Nichols (38:10.0) placed first and second at Bilbao in Spain on the same day (February 3). Alan Perkins seemed set to repeat Ken Norris' win of last year in the San Sebastian 10 km. race but mistook the finish, sprinting after four laps instead of five. He was passed by Spain's Antonio Amoros, who won by 15 seconds. Over a heavy course at Mezidon (January 13) Van de Wattyne (31:54.0) won from Heatley by 45 secs. Ken Caulder was third ahead of Lucien Theys and Amoros. Ken Gates was 9th, Hugh Foord 13th and George Knight 17th.

BRITAIN MORE THAN HOLDS HER OWN IN 1956

Last March (pp. 54-55) our annual survey of the ever-rising standards in track and field athletics covered the period 1930-1955. We now try to bring the picture up to date after an Olympic season in which 69 men's World's records were equalled or bettered.

In previous surveys we have utilized a chart to compare World and British standards but in 1956 the means of comparison (the International Scoring Tables) become ineffective. The new World's records in three of the throwing events, shot, hammer, and javelin, have reached a pitch beyond extrapolation above the 1,500 point ceiling. If one awards these three events a 1,500 point ceiling, the average for the 1956 peak World performances comes out at 1,390 showing a lift of 40 points over the 1955 average. Nationally the average for the same 18 events has risen from 1,097 points to 1,144 points.

In perhaps more comprehensible terms it may be said that if the 1955 World standard was 4:00.3 for a mile, the British standard was 4:10.3. In 1956 the World standard had risen to 3:58.5 and the British standard to 4:07.5—that is 63 yards behind instead of 70 yards behind.

Thus the World shows a rise for the fifth successive year since the 1951

recession while the United Kingdom shows, as is more to be expected at less rarified heights, a tenth steady annual increment. What is more intriguing, however, is that our 1956 national peak average for the first time beats the average World peaks of 1937, 1938 and 1946.

Looking back to 1946 it then seemed inconceivable that Britain could ever match those World's standards in 10 years. Looking forward to 1966 it seems impossible that by then Britain will have a 9.3 secs. sprinter, a sub 46 secs. quarter-miler, a 13.4 secs. high hurdler, a 7 foot high jumper, a 280 foot javelin thrower, etc. A decade is a long time in the swiftly moving parade of human endeavour and such things may come to pass. One thing is more certain and that is that by the end of the century national standards are more likely to be only five years instead of 10 years behind World standards—time is necessarily on the side of the smaller unit in the asymptotic approach toward the ultimates.

Turning our attention to the table we find a more analytical guide to national progress. The figures represent the average of the top 10 performances in each event for 1939 and in the last 10 post-war seasons.



The oldest of all the Melbourne Olympic finalists, the 1948 Olympic discus champion Adolfo Consolini who celebrated his 40th birthday last January 5. His best mark was 186ft. 11½ in. (56.98m). He hopes to compete in Rome in his fourth Olympics. (I.N.S.)

It will be seen that all time highs have been achieved in 15 of the 18 events—all except in the high hurdles, the high jump and the pole vault, which are Britain's most recalcitrant weaknesses; and landmarks were an improvement in the 440 yards hurdles below 54 seconds and in the hammer a dramatic rise to 181 ft. 3¼ in. Two disappointing "near misses" were for a Steeplechase average under 9 minutes and a shot putt figure of over 50 ft. Due to retirements the latter is the more likely to be achieved in the coming season.

Year	100 Yards	220 Yds. (turn)	440 Yards	880 Yards	One Mile	Three Miles	Six Miles	120 Yds. Hurdles	440 Yds. Hurdles
1939	9.96	22.02	49.53	1:55.0	4:16.9	14:23.4		15.43	57.69
1947	9.98	22.00	49.80	1:55.9	4:22.2	14:33.0	(31:30.0)	15.80	58.50
1948	9.96	22.18	49.28	1:55.5	4:16.8	14:27.0	(31:05.0)	15.30	(58.00)
1949	9.93	21.96	49.28	1:54.1	4:13.7	14:28.7	30:57.4	15.30	56.06
1950	9.85	21.98	48.93	1:53.7	4:12.9	14:19.7	30:57.5	15.19	55.79
1951	9.92	21.75	48.87	1:53.7	4:11.3	14:09.5	30:18.9	14.99	55.62
1952	9.92	21.96	48.79	1:53.6	4:10.8	14:00.4	29:34.2	14.98	54.73
1953	9.96	22.06	49.11	1:53.3	4:08.0	13:57.4	29:13.0	15.06	54.59
1954	9.89	21.88	48.75	1:51.7	4:05.3	13:44.9	28:59.4	15.05	54.52
1955	9.90	21.74	48.67	1:51.1	4:04.6	13:36.2	28:54.2	14.79	54.28
1956	9.81	21.72	48.28	1:50.8	4:03.2	13:34.4	28:40.3	14.93	53.48

	Steeplechase	High Jump	Pole Vault	Long Jump	Hop, Step and Jump	Shot Putt	Discus Throw	Hammer Throw	Javelin Throw	Year
		6' 1"	11' 9½"	23' 4½"	44' 10½"	43' 10"	133' 10½"	143' 11½"	181' 8½"	1939
		6' 13"	10' 10"	22' 11"	44' 6"	43' 1"	137' 5½"	146' 0"	178' 0"	1947
(10:41.0)		6' 1"	11' 2"	22' 7"	45' 7"	43' 7"	134' 9"	151' 1¼"	184' 6"	1948
10:37.4		6' 3¼"	11' 8"	23' 0½"	45' 9"	45' 8"	137' 0½"	154' 7½"	187' 5½"	1949
10:33.0		6' 2½"	11' 10"	23' 0½"	46' 4"	46' 2½"	142' 10½"	161' 0½"	192' 0"	1950
10:29.5		6' 2½"	12' 2"	23' 2"	46' 2"	46' 9"	143' 4"	160' 5"	191' 11"	1951
10:17.0		6' 3¼"	12' 5"	23' 1¼"	46' 10"	46' 4"	142' 4½"	165' 10½"	196' 9"	1952
10:18.8		6' 2"	12' 7"	23' 2½"	46' 2½"	46' 8"	144' 8"	169' 6½"	202' 9¼"	1953
9:12.9m		6' 2½"	12' 9½"	23' 4"	46' 10"	47' 3"	147' 3¼"	171' 3"	204' 2½"	1954
9:05.8m		6' 2½"	12' 8½"	23' 0½"	47' 0½"	47' 10"	151' 3¼"	174' 3"	210' 10½"	1955
9:01.8m		6' 2½"	12' 8"	23' 6"	47' 5½"	49' 11"	157' 0"	181' 3¼"	211' 4½"	1956

BEST PERFORMANCES BRITISH EMPIRE AND COMMONWEALTH

(As at January 31st, 1957)

MEN

Running

100 Yds.	9.3	H. D. Hogan (Australia)	Sydney	Mar. 13, 1954
220 Yds. (T)	21.0	H. H. McKenley (Jamaica)	Sydney	Jan. 22, 1949
440 Yds.	47.0	D. V. Shore (S. Africa)	London	Dec. 10, 1938
880 Yds.	1:48.6	B. S. Hewson (England)	London	Aug. 13, 1955
Mile	3:58.6	J. M. Landy (Australia)	Melbourne	Jan. 28, 1956
	3:58.6	J. M. Landy (Australia)	Melbourne	Apr. 7, 1956
2 Miles	8:34.8	K. Wood (England)	London	May 30, 1955
3 Miles	13:23.2	C. J. Chataway (England)	London	July 30, 1955
6 Miles	27:54.0	D. J. Stephens (Australia)	Melbourne	Jan. 25, 1956
10 Miles	49:53.2	F. Norris (England)	Walton	Apr. 28, 1956
15 Miles	1:17:25.0	J. Heywood (England)	Walton	Oct. 20, 1956
1 Hour 12m.69yd.1ft. (19,375.5m.)		F. Norris (England)	Walton	Apr. 28, 1956

Relays

4×110 Yds.	41.1	North-South Transvaal Team (C. Petty, W. Nel, G. van Heerden, K. van Vollenhoven)	Pretoria	Dec. 10, 1955
4×220 Yds.	1:27.1	Univ. of W. Ontario Team (D. C. McFarlane, J. C. Parry, Wm. D. La Rochelle, R. M. McFarlane)	London, Ont.	May 29, 1947
4×440 Yds.	3:09.2	Jamaican Team (A. S. Wint, L. A. Laing, V. G. Rhoden, H. H. McKenley)	London	Aug. 9, 1952
4×880 Yds.	7:30.6	G.B. and N.I. Team (G. W. Nankeville, A. Webster, F. Evans, H. J. Parlett)	London	Sept. 26, 1951
4×1 Mile	16:41.0	G.B. and N.I. Team (C. J. Chataway, G. Wm. Nankeville, D. C. Seaman, R. G. Bannister)	London	Aug. 1, 1953

Hurdling and Steeplechasing

120 Yds. Hurdles	14.0	R. H. Weinberg (Australia)	Melbourne	Feb. 9, 1952
220 Yds. Hurdles	23.3	R. H. Weinberg (Australia)	Melbourne	Feb. 25, 1950
440 Yds. Hurdles	51.8	H. Kane (England)	London	Oct. 13, 1954
3,000 m. S'chase	8:41.2	C. W. Brasher (England)	Melbourne	Nov. 29, 1956

Field Events

HJ	6' 10½"	C. M. Porter (Australia)	Melbourne	Nov. 23, 1956
PV	14' 0"	G. M. Elliott (England)	Glasgow	June 12, 1954
	14' 0"	G. M. Elliott (England)	Vancouver	Aug. 7, 1954
	14' 0"	G. M. Elliott (England)	London	Oct. 13, 1954
LJ	25' 10"	N. G. Price (S. Africa)	Bloemfontein	Dec. 3, 1955
HSJ	51' 9¼"	J. P. Metcalfe (Australia)	Sydney	Dec. 14, 1935
SP	55' 6"	W. B. L. Palmer (England)	London	Oct. 10, 1956
DT	178' 5"	S. J. du Plessis (S. Africa)	Johannesburg	Sept. 29, 1956
HT	193' 3"	Mohammad Iqbal (Pakistan)	London	Aug. 14, 1954
JT	224' 9½"	J. D. Achurch (Australia)	Vancouver	Aug. 5, 1954
Decathlon	6,427 pts.	P. F. Leane (Australia)	Melbourne	Nov. 29 & 30, 1956



Is John Landy, the world's fastest ever miler, going to hang his spikes up? Landy is now considered a doubtful starter for the Australian Championships on March 9—11. After watching Elliott's recent miles (see front page) he said "I'm getting out at just the right time." Landy has broken 4 minutes on 6 occasions, the next best being Roger Bannister's twice.

NEW ZEALAND REPORT

From Reports by P. N. Heiderstron

The celebration of the XVth Olympic Games in neighbouring Australia has obscured many fine results over the first half of the New Zealand season.

Among the many New Zealand records set up were the following:—Discus Throw, 155' 4", Les Mills, Auckland, Dec. 15; Hammer Throw, 173' 4¾", Duncan Clark, Alexandra, Jan. 1.

Women.

440 yards, 57.7, Marise Chamberlain, Christchurch, Nov. 10; 80 metres Hurdles, 11.0, Margaret Stuart, Napier, Nov. 15; High Jump, 5' 6¾", Mary Donaghy, Wellington, Nov. 17; Shot Putt, 49' 8½", Valerie Sloper, Christchurch, Nov. 17.

In October also at Alexandra, Clark threw 175ft. 5in. on an unsurveyed ground in an exhibition while at Inglewood on September 15 Mervyn Richards cleared 13ft. 11in., and on December 26 at Waimate registered a competitive 13ft. 9¼in.

WOMEN'S BRITISH EMPIRE AND COMMONWEALTH BEST PERFORMANCES

100 Yds.	10.4	M. Jackson (Australia)	Sydney	Mar. 8, 1952
220 Yds.	24.0	M. Nelson-Jackson (Australia)	Sydney	Feb. 20, 1954
	24.0	M. Nelson-Jackson (Australia)	Vancouver	Aug. 5, 1954
	24.0	M. Mathews (Australia)	Sydney	Mar. 3, 1956
440 Yds.	56.5	J. Ruff (England)	London	Aug. 11, 1956
880 Yds.	2:09.0	D. S. Leather (England)	London	June 19, 1954
4×110 Yds.	45.6	Australian National Team (S. Strickland, N. Croker, F. Mellor, B. Cuthbert)	Sydney	Dec. 5, 1956
4×220 Yds.	1:36.3	Australian Team (S. Strickland, N. Croker, F. Mellor, B. Cuthbert)	Sydney	Dec. 5, 1956
3×880 Yds.	6:46.0	G.B. and N.I. Team (Diane S. Leather, I. Anne E. Oliver, Nora R. Smalley)	London	July 17, 1954
80m. Hurdles	10.7	S. Strickland (Australia)	Melbourne	Nov. 28, 1956
HJ	5' 8 $\frac{1}{2}$ "	T. E. Hopkins (N.I.)	Belfast	May 5, 1956
LJ	20' 7 $\frac{1}{2}$ "	Y. W. Williams (N.Z.)	Gisborne	Feb. 20, 1954
SP	50' 3 $\frac{3}{8}$ "	V. I. Sloper (N.Z.)	Melbourne	Nov. 30, 1956
DT	151' 6"	Y. W. Williams (N.Z.)	Gisborne	Jan. 9, 1954
JT	158' 1"	M. C. Swanapoel (S. Africa)	Pretoria	Sept. 9, 1956
Pentathlon		T. E. Hopkins (N.I.)	Ballymena	July 20, 1955



Olga Fikotova, Olympic women's discus champion and record holder at 176ft. 1 $\frac{3}{4}$ in. (53.69m)—a personal best performance.
(Planet News)

WORLD JUNIOR (under 19) BEST PERFORMANCES

100y	9.4	M. G. R. Agostini (Trinidad)	Kingston, Jamaica	15/4/53	18y 3m
	9.4	J. L. Jackson (U.S.A.)	Berkeley, California	22/5/54	18y 11m
220y Straight	20.5	L. King (U.S.A.)	Tulare, California	23/5/53	17y 3m
Turn	21.1	M. G. R. Agostini (Trinidad)	Kingston, Jamaica	15/4/53	17y 3m
440y	46.7	J. White (U.S.A.)	Chico, California	2/6/56	18y —
880y	1:49.9	R. Seaman (U.S.A.)	Compton, California	4/6/54	18y —
1 mile	4:06.0	H. Elliott (Australia)	Melbourne	12/1/57	18y 11m
	4:06.0	H. Elliott (Australia)	Melbourne	26/1/57	18y 11m
2 miles	9:01.8	R. W. Clarke (Australia)	Melbourne	1/1/56	18y 10m
3 miles	14:14.8	G. Knight (Great Britain)	London	3/5/52	18y —
120y H (3' 3")	13.7w	W. Curtis (U.S.A.)	Duncan	17/4/52	18y 11m
	14.0	L. Miller (U.S.A.)	Austin, Texas	2/5/47	18y 6m
	14.0	M. G. Campbell (U.S.A.)	Montclair	7/6/52	18y 5m
110m H (3' 6")	14.4	W. Stevens (U.S.A.)	Berkeley, California	22/6/51	18y —
400m H	49.7m	S. E. Southern (U.S.A.)	Los Angeles	29/6/56	18y 5m
440y H	51.5	S. E. Southern (U.S.A.)	Houston, Texas	8/6/56	18y 5m
HJ	6' 10 $\frac{3}{4}$ "	C. E. Dumas (U.S.A.)	Los Angeles	10/6/55	18y 3m
PV	14' 6"	D. G. Bragg (U.S.A.)	New York	20/2/54	18y —
	14' 3 $\frac{1}{2}$ "	J. Brewer (U.S.A.)	Tempe, Arizona	14/4/56	17y —
LJ	25' 4 $\frac{1}{2}$ "	O. Bean (U.S.A.)	Los Angeles	20/4/56	18y —
HSJ	49' 7"	W. Brown (U.S.A.)		37	18y —
SP (12 lb.)	63' 9 $\frac{1}{2}$ "	H. Robertson (U.S.A.)	Chico, California	2/6/56	17y —
(16 lb.)	53' 10 $\frac{3}{8}$ "	J. Plihal (Czechoslovakia)	Lomnice, Czechoslovakia	14/5/55	18y —
DT (3 lb. 5 oz.)	192' 10 $\frac{3}{8}$ "	S. Smit (South Africa)	Krugersdorp, South Africa	4/4/48	18y —
(3 lb. 9 oz.)	184' 2 $\frac{7}{8}$ "	A. A. Oerter (U.S.A.)	Floral Park, New York	54	17y —
(4.4 lb.)	*175' 8 $\frac{1}{2}$ "	A. Harris (U.S.A.)	Passaic	27/6/37	18y —
HT (12 lb.)	195' 9"	M. J. Ellis (Great Britain)	Alpertown	10/9/55	18y —
(16 lb.)	186' 9"	S. Nyenashev (U.S.S.R.)	Tbilisi	6/10/52	18y 8m
JT (700 gr)†	228' 9"	A. J. Farmer (Great Britain)	Motspur Park	2/6/56	18y —
(800 gr)	240' 3 $\frac{1}{2}$ "	L. Syrovatski (France)	Paris	2/6/56	17y 5m

*Non competitive mark but officially measured.

†N. Head (Great Britain) threw 253' 9" at Millfield School, Somerset, on November 15th, 1956.

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OLYMPIC AGE ANALYSIS

By Dr. R. L. QUERCETANI

Considering the cream of the present-day track stars *age-wise* can be highly enlightening. For the purpose of a sound statistical study we would rather examine a very large number of units, but from the standpoint of general interest it is perhaps more intriguing to know about the degree of maturity (or immaturity) of the top men, the select few often referred to by the analyst as "the exceptions".

In this article we propose to study age data relating to the 108 athletes who captured the six final placings in each of the 19 individual men's events of the XVIth Olympiad ("non-statistical" events such as the marathon and the walks are not considered). *En passant*, we note that only six men placed among the first six in more than one final: these were Morrow, Baker and Agostini (100 and 200 metres), Tábori (1,500 and 5,000 metres), Kuts (5,000 and 10,000 metres) and Lauer (110 metres hurdles and decathlon).

Individually, the extremes in terms of age were as follows:—

Youngest champion: Dumas (USA), high jump, 19 years 9 months.

Youngest place-getter and medallist: Southern (USA), second in 400 metres hurdles, 18 years 10 months.

Only three other men in the sub-20 age bracket placed among the first six in their respective events: Mal. Spence (South Africa), 400 metres; Lauer (Germany), 110 metres hurdles and decathlon; and Potgieter (South Africa), 400 metres hurdles. These three were 19-plus at the time of their Melbourne exploits.

Oldest champion: Richards (USA), pole vault, 30 years 9 months.

Oldest medallist: Gordien (USA), second in discus throw, 34 years 2 months.

Oldest place-getter: Consolini (Italy), sixth in discus throw, 39 years 10 months.

Only eight other men in the 30-plus age bracket placed among the first six in their respective events: Koschel (Germany), 35, fourth in javelin throw, Lundberg (Sweden), 32, fifth in pole vault, Olowu (Nigeria), 32, fifth in long jump, Laufer (Germany), 31, fourth in 3,000 metres steeplechase, Lituyev (USSR), 31, fourth in 400 metres hurdles, Grigalka (USSR), 31, fifth in

discus throw, Kovács (Hungary), 30, second in 10,000 metres, and Larsen (Norway), 30, third in 3,000 metres steeplechase.

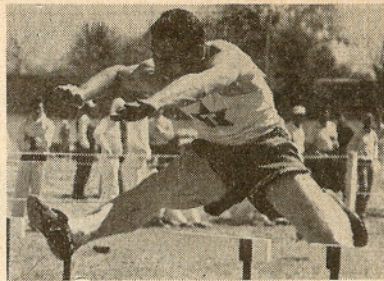
Over 50 per cent of the 108 men considered were in the 23/26 age bracket, the grand average for the entire lot being *slightly over 25 years*.

Turning to *events* as a whole and considering the medium age of the first six men in each event, we have the following extremes:—

"Youngest" event: high jump (21.8 years). Vertical leapers were followed by the 400 metres hurdles men (22.9 years) and by the 100 metres men (23 years).

The high jump was in fact the "baby" event throughout, since the oldest of the six place-getters, Russia's Igor Kashkarov, was barely 23 years 6 months old! Some people who wondered about the youthfulness of the silver medallist, Australia's "Chilla" Porter (20 years 10 months) probably overlooked the fact that his conqueror, Charles Dumas, was one year younger.

And those of us who at some time or other in the past have referred to the 400 metres hurdles as the "killer" event, one which called for maturity and experience, may have something to learn from the fact that the Melbourne final was won by a man (Glenn Davis of USA, 22 years 2 months) who was in his *first* season of competition in the intermediate hurdles. The runner-up, Eddie Southern, was the youngest medallist of the Games, as we have seen. South Africa's unlucky Gert Potgieter (19 years 7 months) and Australia's Dave Lean (21 years 3 months) aptly completed the picture, the only contrasting note being provided by the European record holder, Yuriy Lituyev (31 years 7 months). The days when veterans like F. Morgan Taylor, Lord Burghley, Facelli and Sten "Pelle" Petterson used to rule the roost in this event seem a distant cry, for this process of rejuvenation is also borne out by the fact that of the nine men who in the history of this event have ducked under 51 seconds, only the two Russians Yuriy Lituyev and Igor Ilin were over 26 when they achieved their best. Even so, however, one really wonders what a man like Southern (6ft. 1in. tall, 180 pounds) who,



Silas Edward Southern (U.S.A.), using a double arm-shift action over the hurdle. The youngest of all finalists at Melbourne and holder of the World under-19 400 metres and 440 yards hurdles "record", he is regarded by many as the favourite for the 1960 400 metres flat title. (A.P.)

incidentally, is regarded by American experts as a possible holder of the world's record for 440 yards flat by 1960, could ever achieve with a few more years of specialisation (!) over the 3ft. hurdles.

At the other end, here are the extremes:

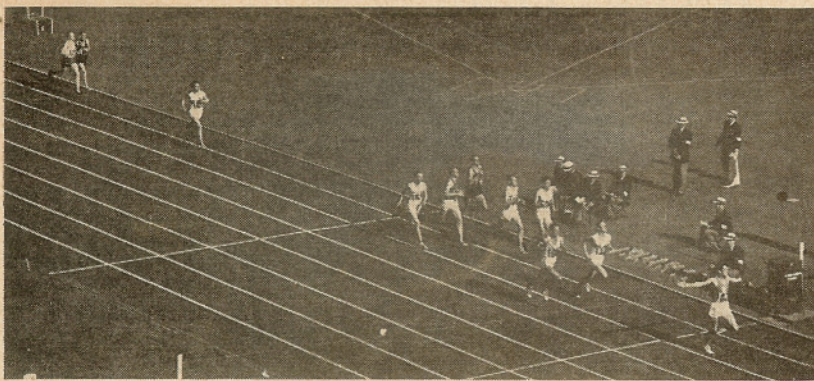
"Oldest" event: discus throw (29.1 years). Specialists of the Grecian platter were followed by steeplechasers (27.8 years) and 10,000 metres men (27.3 years).

In the discus, three of the six place-getters were well over 30. The bright exception was provided by the winner, Alfred Oerter, 20 years 2 months. The Methuselah of present-day Olympians, Consolini (39 years 10 months old by Melbourne time) could have aptly addressed his chief conqueror with the classic: "*Tu quoque, fili mi?*"

The hammer throw, once the cosy corner of "whales" recalcitrant to the old-age pension, is undergoing a remarkable rejuvenation process. The six place-getters in Melbourne averaged 24.6 years, with Krivonosov the oldest (27 years 6 months) and Hall the youngest (22 years 3 months).

Nation-wise, the 32 U.S. place-getters averaged 24.1 years. Not surprisingly, Europe had an older group, her 64 place-getters averaging 26.2 years. However, there are indications that in Europe too an ever growing number of young performers is coming to the fore, sooner than their forefathers used to do.

Among other continents, Australia had a remarkably young team of place-getters: her six men averaged 23.6 years, with John Landy the dean at 26 years 7 months!



A panoramic view of the finish of the Olympic 1,500 metres. Reading from right to left:—Delany, Richtzenhain, Landy, Tabori, Hewson, Scott, Jungwirth, Boyd, Wood, Halberg, Nielsen (Lincoln is out of the picture). For full account see pages 195-196.

WIN FOR PORTUGAL

Little-known Manuel Faria of Portugal won the 32nd 'Round the houses' race at Sao Paulo on New Year's eve at his second attempt, beating by a yard the favourite Drago Stritof (Yugoslavia) who repeated his second place of last year. The winning time of 21:58.9 for the 7,300 metres (4m. 943 yds.) course was well outside Zatopek's amazing record 20:30.0 completed 5 mins. before the old year (1953) died. Stritof and Germany's Herbert Schade were both victims of the usual ragged start. Stritof slowly closed the gap throughout the race but just failed to catch the Portuguese. Schade was third in 22:17.0, Edgar Freire of Brazil fourth, Browning Ross (U.S.A.) was ninth and Rolf Haikkola (Finland) 16th.

Faria, who has adopted the training methods of Woldemar Gerschler, has progressed steadily running 5,000 metres in 14:56.0 in 1953, 14:55.0 in 1954, 14:45.6 in 1955 and 14:25.0 in 1956.

SHORT TAKES

Putt me no Puts.—Shot putt or shot put—that is the question. Readers of *Athletics World* will have noticed that we have insisted on "putt". A majority of other writers use "put".

The reason for our usage is that putting the shot has no connection with the act of placing (or putting) an object down on a certain spot. The word relates to the act of shoving. In other words a "putt" is a pushing not a placement (put).

The old Scots expression "to putt the door" meant to shove it.

The objection of some writers to writing "putt" is that they will be thought by their readers to be mixing up golf and athletics. But in fact originally in Scotland the word "putt" was equally applied to the little white gutty ball being gently pushed towards the hole, as to the big heavy stone being violently pushed at a Highland gathering. To putt was simply to push.

In our view the use of the word "putt" in connection with the shot has crept in to create a distinction between two sporting actions where there is in fact no such distinction justified.

Our remarks thus far are confined to spelling, but the debate extends of course to the even thornier ground of pronunciation. The golfers all say "putt" to rhyme with "but". Except in Scotland, people in athletics say "poot" to rhyme with "foot". This latter pronunciation now derives either from what we regard as the misspelling of the word "putt" as "put", but

originally we suspect that "poot" was a genteelism for the good old red-blooded word "putt".

Mrs. Johnson's boys

In case you think that by beating Bob Mathias's World decathlon record Rafer Johnson got close to the ultimate, listen to this. Rafer has a 17-year-old kid brother named James at Kingsburg High School, California, who looks to be a rather better prospect. His hurdling and broad jump abilities are already superior to Rafer's at the same age and Rafer is coaching him in the other eight events. Rafer's 15-year-old sister Irma Jean is trying out for a girl's track team in the spring while his plump jolly mother, who travelled across the Pacific with the *Track and Field News* Tour, admitted to being a softball pitcher when she was younger. Commenting on her most famous son: "Rafer is just crazy about ice cream and banana pie", she beamed, "and he hasn't missed going to church on Sunday in five years".

By any other name

In the past we have commented on the multitude of American synonyms for being defeated ranging in violence from "ripping" to "bowing." We now have a new one from a Californian subscriber who is licking his lips over the impending N.C.A.A. clash between world record holder Dave Sime and Olympic champion Bobby Morrow. Referring to Sime the Californian predicts "Bobby will wind his clock."



Leonid Shcherbakov, the 29 year old European triple jump record holder at 54ft. 0in. (16.46m). He often trains weighted down with an 11 lb. shot belt. (A.P.)

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BRITISH ALL-TIME JUNIOR LISTS

U.S.A. and G.B. JUNIORS COMPARED

By D. K. R. Phillips

100 YARDS

9.8	J. R. C. Young (Bishop Vesey's G.S.)	Perry Barr	17/7/56
9.9	G. S. Ellis (Keswick G.S.)	White City	14/7/51
9.9	J. A. N. Railton (Liverpool College)	St. Helens	3/7/54
10.0	J. Archer (High Pavement School)	Coventry	17/6/39
10.0	A. Watt (Shettleston H.)	White City	1/7/39
10.0	J. C. M. Wilkinson* (Herne Hill H.)	White City	19/7/47
10.0	N. Scott (Blackpool & Fylde H.)	Birmingham	30/7/49
10.0	C. B. Naylor (Leeds H.)	Skegness	8/7/50
10.0	A. W. Lillington (Northumberland)	Pt. Sunlight	29/7/50
10.0	C. J. W. Haines (Malvern College)	Cheltenham	27/3/54
10.0	M. J. Ruddy (Polytechnic H.)	White City	15/5/54
10.0	B. V. Kinsey (Leeds H.H.)	St. Helens	3/7/54
10.0	J. A. Spooner (Plaiستow C.G.S.)	Birmingham	24/7/54
10.0	W. D. Riddels (Royal Belfast Ac.)	Belfast	4/6/55
10.0	E. McKeating (Geo. Heriot's S.)	New Goldenacre	18/6/55
10.0	D. H. Segal (Thames Valley H.)	Uxbridge	6/7/55
10.0	A. C. Playle (Ilford A.C.)	Pt. Sunlight	28/7/56
10.0	I. R. Smith (Blackheath H.)	Pt. Sunlight	28/7/56
10.0	M. B. Taylor (Sutton & Cheam H.)	Pt. Sunlight	28/7/56
10.0	C. H. Rogers (Birchfield H.)	Cannock	15/9/56
10.0	A. C. Thomas (Mill Hill School)	White City	15/7/55

*100 Metres in 10.5 (worth 9.66 for 100 yards) Paris 31 August, 1947.

220 YARDS

21.6	J. R. C. Young (Bishop Vesey's G.S.)	Perry Barr	17/7/56
21.8	G. S. Ellis (Keswick G.S.)	Southampton	21/7/51
21.9	M. J. Ruddy (Polytechnic H.)	Birmingham	31/7/54
22.0	J. A. Spooner (Plaiستow C.G.S.)	Birmingham	31/7/54
22.1	A. R. Baxter (Marlborough College)	Bryanston	7/39
22.1	J. C. M. Wilkinson* (Oxford Univ. A.C.)	Oxford	5/6/47
22.1	A. D. Sexton (Belgrave H.)	Birmingham	30/7/49
22.1	D. H. Segal (Thames Valley H.)	White City	30/5/55
22.3	D. J. N. Johnson (Fairburn House A.C.)	Reading	23/6/51
22.3	J. L. Booth (Notts. G.S.)	Bedford	5/7/52
22.3	D. W. Needham (Millfield S.)	Reading	23/7/55
22.3	M. Simpson	Nottingham	55
22.3	C. H. Rogers (Birchfield H.)		20/6/56

*200 Metres in 21.3 Cologne 16 August, 1947, and Paris 7 September, 1947.

440 YARDS

48.8	D. J. N. Johnson (Fairburn House A.C.)	Pt. Sunlight	29/7/50
49.2	J. A. N. Railton (Liverpool Pembroke H.)	Blackpool	14/6/52
49.8	R. A. Woodland* (Hercules)	Tooting	22/8/56
50.0	J. Taylor (Bryanston S.)	Wellington	2/7/49
50.0	M. K. V. Wheeler (Taunton S.)	White City	18/4/53
50.1	M. C. Jones (Woodford Green A.C.)	Woodford	24/6/53
50.1	H. R. Smith (Halesowen College)	Birmingham	31/7/54
50.1	R. E. Kemp (Essex Beagles)		26/6/56
50.2	J. P. Thornicroft (Blundell's S.)	White City	15/4/39
50.2	M. W. Pike (Polytechnic H.)	White City	1/7/39
50.2	A. V. Ford (Millfield S.)	Millfield	19/6/49
50.2	J. P. Brasier-Greagh (Wellington S.)	Wellington	2/7/49

*400 metres in 48.8 Malmö, Sweden 7 August, 1956.

880 YARDS

1:53.9	R. S. Scott (Ashby de la Zouch G.S.)	White City	13/7/35
1:54.6	G. J. Bowden (Bristol Southern H.)	White City	19/5/56
1:54.7	A. R. Day (Cheshire S.)	White City	30/7/55
1:55.0	M. Berisford (Manchester D.L.C.H.)	White City	13/8/55
1:55.0	D. A. F. Haith* (Thames Valley H.)	White City	13/8/55
1:55.3	B. S. Hewson (Mitcham A.C.)	Birmingham	28/7/51
1:55.3	A. R. Batchelor (Brighton A.C.)	White City	13/8/55
1:55.4	D. J. N. Johnson (Fairburn House A.C.)	Newport	18/8/51
1:55.7	C. W. Plumpton (Southern G.S.)	White City	30/7/55
1:55.8	B. E. Eldridge (Loszell's H.)	Motspur Park	26/7/52
1:55.9	P. D. Barber (Darnley A.C.)	Birmingham	28/7/51
1:55.9	A. J. Wiseman (Woodford Green A.C.)		13/6/56

*1:53.6 for 800 Metres H. A. Fleet Croydon 15 August, 1956.

†1:53.8 for 800 Metres D. A. F. Haith Tampere Finland 3 July, 1956.

In 1956, as in previous Olympic years, many of Britain's leading athletes retired, thus making room not only for those close to international class but also leading junior athletes. Last year the under-nineteens reached an all-time peak as an unprecedented number established themselves on a par with their seniors in athletic competition. Nevertheless, there is little room for complacency, as a comparison with the leading high school performers in the United States in 1956 quickly reveals. In the sprints there is no comparison whatsoever. No fewer than 14 American schoolboys ran 9.7 or faster last year, whilst Britain's best, John Young, not only the junior but our senior champion as well, ran 9.8. Four Americans ran 9.5-3 from California and one from Texas. The furlong is little better as far as Britain is concerned. Young's 21.6, worth 21.2 on a straight track, is 0.5 slower than "Butch" Spiegel's record-equalling mark for a schoolboy of 20.7 secs. Thirteen Americans have run 21.2 or faster.

If anything the U.S. High school 440 list is even more fantastic with the fourteenth man at 48.8, 0.3 faster than Britain's best in 1956. Top U.S. schoolboy Jerry White was sixth in the U.S. Final Olympic Trials 400m. and posted marks of 9.5, 46.7y and 1:55.6y during the year.

The 880 is a little less incredible. Nevertheless 14 broke 1:56.0 with a 1:52.5m. in the A.A.U. by Marv Sturgeon as the best. Britain's best, Michael Fleet (1:53.6m) and Derek Haith (1:53.8m) would rate only fourth equal and eighth respectively.

Above the half mile Great Britain definitely outclasses U.S.A. with four juniors ahead of America's scholastic record by Jim Bowers (4:16.1) over 1 mile. Nine Britons broke 4:20.0 compared with two Americans in this event. Roly Langridge is the top British distance runner with times of 4:13.8, 9:11.3 and 8:22.6m, far ahead of America's Ron Larrieu's 4:20.1 and 9:39.0.

The story in the hurdles (120 yards) is the same as in the sprints, with the American standard far above our own.

1 MILE

4:12.8	R. Dunkley (Shaftesbury H.)	Cambridge	20/5/54
4:13.8	S. R. Langridge (South London H.)	Motspur Park	22/6/56
4:15.0	B. Hall (Manchester D.L.C.H.)	Manchester	22/5/56
4:15.0	E. W. Watt (Surrey A.C.)	Eton Manor	19/9/56
4:15.8	B. J. Turner (Hornchurch H.)	Eton Manor	19/9/56
4:16.4	E. Earl (Hercules A.C.)	Eton Manor	19/9/56
4:16.8	D. A. F. Haith (Thames Valley H.)	Eton Manor	14/9/55
4:17.2	D. C. Seaman (London A.C.)	Reading	23/6/51
4:17.3	A. J. Pegley (South London H.)	Eton Manor	19/9/56
4:18.0	S. E. Eldon (Windsor & Eton A.C.)	Walton	54
4:18.2	J. B. Herring (Blackheath H.)	Motspur Park	2/6/54
4:18.6	M. E. Wiggs (Watford H.)	Eton Manor	19/9/56

120 YARDS HURDLES

14.7w	R. D. Shaw (Manchester G.S.)	Birmingham	28/7/51
14.8	J. A. Frampton (Shaftesbury H.)	Birmingham	28/7/51
14.8w	R. A. Woodland (Hercules A.C.)	Eton Manor	7/7/56
14.8	M. C. Stokeley (Alley's School)		30/6/56
14.9	J. A. Duffy (Polytechnic H.)	Birmingham	28/7/51
14.9	R. Birrell (Barrow G.S.)	Bebington	7/7/56
14.9	R. D. McLeod (Aberdeen Univ.)		21/7/56
15.0	R. H. Whitworth (Cheadle)		39
15.0	J. R. Birrell (Barrow G.S.)	Bebington	26/6/48
15.0	V. C. Matthews (London A.C.)	Southgate	4/7/53
15.0	G. R. Notley	Battersea	3/7/54
15.0w	E. R. L. Hind (Lancing College)	Eton Manor	7/7/56

200 YARDS HURDLES

23.3	J. A. Duffy (Polytechnic H.)	Birmingham	28/7/51
23.3St.	D. R. Cook (Herne Hill H.)	Hurlingham	2/7/55
23.4	B. Wearmouth (Dingwall)	New Goldenacre	18/6/56
23.4	A. Hannah (Preston Lodge)	Reading	23/7/55
23.5	W. B. Thompson (Workshop College)	Birmingham	31/7/54
23.5	R. A. Woodland (Wimbledon)	Hurlingham	2/7/55
23.6	W. D. Clarke (Walton A.C.)	Hurlingham	2/7/55
23.6	P. R. Brunyee (Workshop College)	Eton Manor	7/7/56
23.6	I. McD. Alexander (Geo. Heriot's S.)		7/56

HIGH JUMP

6' 6 $\frac{3}{8}$ "	A. S. Paterson (Victoria Park H.)	Antwerp	7/7/46
6' 2"	P. J. Brinson (St. Dunstan's)	Imber Court	23/8/52
6' 1 $\frac{1}{2}$ "	A. P. J. Orton (Shaftesbury H.)	Hampstead	12/5/52
6' 1 $\frac{1}{2}$ "	C. W. Fairbrother (R.A.F.)	Forres	14/7/56
6' 1 $\frac{1}{2}$ "	D. Wilson (Hercules A.C.)	Hurlingham	8/9/56
6' 1"	P. Wells (Queen Elizabeth, Barnet)	Motspur Park	28/6/48
6' 1"	B. Freeman (Liverpool H.)	Salford	24/5/52
6' 1"	T. J. Reynolds (Queen Elizabeth's G.S.)	Motspur Park	26/7/52
6' 1"	D. W. G. Hanns (Portsmouth A.C.)	Portsmouth	12/5/56
6' 1"	M. G. A. Day (Radcliffe College)	Leicester	21/5/56

POLE VAULT

12' 6"	G. E. Broad (Herne Hill H.)	White City	12/5/51
12' 6"	G. M. Schmidt (John Fisher School)	White City	23/5/53
12' 0"	M. E. Nugent (South London H.)	Eton Manor	14/9/55
12' 0"	R. P. Hallam (R.A.F.)	Uxbridge	4/7/56
12' 0"	A. J. F. Pitt (Kelly S.)	Eton Manor	7/7/56
11' 7 $\frac{1}{2}$ "	F. R. Webster (London A.C.)	Bedford	33
11' 6"	A. B. V. Pedlar (Reading A.C.)	Motspur Park	26/7/52
11' 6"	D. Campbell (Geo. Heriot's S.)	Glasgow	30/5/53
11' 6"	A. Owen (Bede's G.S.)	St. Helens	3/7/53

LONG JUMP

23' 3 $\frac{1}{2}$ "	G. E. Broad (Hermes A.C.)	Chiswick	5/5/51
23' 1"	J. A. Frowen (Pengam G.S.)	Tonypanyd	1/7/50
23' 0 $\frac{1}{2}$ "	R. A. Sleight (Sutton & Cheam H.)	Cambridge	9/7/49
22' 11 $\frac{1}{2}$ "	M. Chapman (Hermes A.C.)	Acton	28/5/54
22' 8"	J. F. Lockwood (Queen Elizabeth's G.S.)	White City	4/37
22' 6 $\frac{1}{2}$ "	R. J. A. Powell (Seaford College)	Manchester	16/7/55
22' 6 $\frac{1}{2}$ "	G. M. Gray (Dunstable G.S.)	Uxbridge	18/7/53
22' 5"	T. Cairns (Royal Belfast A.C.)	Belfast	2/6/56
22' 4"	P. Cresswell (Mansfield T.S.)	Nottingham	25/7/53
22' 4"	D. J. Hadler (Camb. H.)	Birmingham	31/7/54
22' 4"	J. B. Woolley (Grove Park G.S.)	Reading	23/7/55
22' 4"	M. Lazarus (Queens Park H.)	Hurlingham	8/9/56

Over the junior hurdles (3' 3") the eighteenth best American ran 14.4 secs. Suffice it to say that Robin Woodland at 14.8 heads the British list. The low hurdles afford little comparison as the standard distances are 180 yards (American) and 200 yards (British). However top American Willie White's 18.9 is worth around 22.4 for the longer distance around a turn while 23.6 is good enough to head the British list.

The field events conform to one pattern, with a mere handful of British athletes good enough to compare with the leading Americans. In the four jumping events the respective best performances of U.S.A. and Great Britain are 6' 9 $\frac{3}{8}$ "-6' 1 $\frac{1}{2}$ "; 14' 3 $\frac{1}{8}$ "-12' 0"; 25' 4 $\frac{1}{2}$ "-22' 5"; 48' 8 $\frac{1}{4}$ "-46' 2". In the first three events the fifteenth best Americans are worth 6' 4 $\frac{1}{2}$ ", 13' 0 $\frac{5}{8}$ " and 23' 8" respectively! Little further statistical clarification is needed here.

With the hammer not contested in U.S. High schools only Mike Lindsay, Tony Farmer and Nicolas Head can be considered of "American" standard amongst Britain's junior weightmen. Lindsay's 58' 0 $\frac{1}{2}$ " is over 5 $\frac{1}{2}$ feet inferior to the best U.S. mark in 1956 and would only rank twelfth in America. It is fair to say that Lindsay has hit 60' 2 $\frac{1}{2}$ " in practice but it is again only fair to say that Homer Robertson (63' 9 $\frac{1}{2}$ ") has probably surpassed 65 feet in training. However, his 182' 0" discus throw rates behind only Al Oerter and Ken Scarbrough who have both thrown over 184' 0" with the 4 ozs. heavier American implement. These are the only two U.S. schoolboys ever to have beaten 180 feet. The orthodox Tony Farmer's best of 228' 9" gives him almost 20 feet to spare over Therlo Conner, America's best at 209' 3 $\frac{1}{4}$ ". Farmer's 203' 9" with the 800 gramme javelin was beaten by only three Americans with their junior implement last year.

British and American "junior" standards in 1956 more or less followed those of the seniors with each country dominating their particular preserves. Simplifying the comparison, statistics based on best performances set in 1956 show that U.S.A. would beat Great Britain 92-56 in a dual meet, two per nation in each event in a 15 event schedule on a 4-3-2-1 points scoring system. The U.S.A. would win everything by a maximum except the 1 and 2 miles (maximums to Great Britain), the discus and javelin.

HOP, STEP AND JUMP

47' 3 $\frac{1}{2}$ "	M. F. Eggleton (R.A.F.)	Uxbridge	11/6/52
46' 2"	E. R. Robinson (Hornchurch H.)	Plymouth	21/7/56
46' 1 $\frac{1}{2}$ "	J. B. Frowen (Pengam G.S.)	Tonypandy	1/7/50
45' 11 $\frac{3}{4}$ "	T. M. McNab (Shettleston H.)	Glasgow	12/7/52
45' 11 $\frac{1}{4}$ "	A. Reeve (Wirral A.C.)	Motspur Park	26/7/52
45' 10"	A. Thomson (Army App. S.)	Aldershot	30/6/53
45' 9 $\frac{1}{2}$ "	T. Cairns (Royal Belfast Ac.)	Belfast	2/6/56
45' 8 $\frac{1}{2}$ "	W. G. Dawes (Queen Elizabeth's G.S.)	Bradford	30/5/53
45' 4 $\frac{1}{2}$ "	S. Prest (Yorks Schools)	Plymouth	21/7/56
45' 4"	J. K. Ryder (Ld. Wandsworth S.)	Southgate	4/7/53

SHOT PUTT

58' 0 $\frac{1}{2}$ "	M. R. Lindsay (Queens Park H.)	Eton Manor	19/9/56
56' 11 $\frac{1}{2}$ "	M. T. Lucking (Felsted S.)	Felsted	4/7/56
55' 2"	L. H. A. Chinnery (Woodford Grn. A.C.)	Eton Manor	19/9/56
54' 9"	D. Edelman (Queens Park H.)	White City	21/4/56
53' 2"	G. A. Carr (Wanstead County H.S.)		54
53' 1"	J. P. Jones (Belgrave H.)	Birmingham	31/7/54
51' 9"	N. Morgan (Croydon H.)	Eton Manor	7/7/56
51' 6"	D. R. Harrison (Sherbourne S.)	White City	23/4/55
51' 4"	A. G. I. Wood (Pocklington S.)	Birmingham	30/7/49

DISCUS

182' 0"	M. R. Lindsay (Queens Park H.)	Pt. Sunlight	28/7/56
170' 3 $\frac{1}{2}$ "	G. A. Carr (Wanstead G.S.)	Wanstead	29/6/56
157' 11"	M. Pharaoh (Manchester G.S.)	Skegness	8/7/50
157' 4"	B. H. Winn (Wyomndham C.)	Plymouth	21/7/56
156' 9"	J. Sampson (Kent A.C.)	Ladywell	11/5/53
156' 5"	L. H. A. Chinnery (Woodford Grn. A.C.)	Pt. Sunlight	28/7/56
153' 11"	W. Dixon (Erith G.S.)	Southgate	3/7/54
152' 3"	B. R. James (Westcliff H.S.)	Southend	4/6/55
151' 6"	J. Wright (Hanley H.S.)	Birmingham	3/7/54
150' 1"	G. R. Northern (Barnsley Holgate G.S.)	Bradford	7/8/54
150' 1"	T. Thompson (Notts Schools)	Plymouth	21/7/56

HAMMER THROW

195' 9"	M. J. Ellis (Thames Valley H.)	Alperton	10/9/55
189' 5"	R. A. Ritchie (Woodford Green A.C.)		23/9/56
183' 5"	L. F. Rigamonti (South London H.)		5/6/56
181' 2"	J. A. Pullinger (Gosport Borough A.C.)	Marlow	3/9/55
179' 6"	P. G. Saunders (Eton Manor A.C.)		14/8/56
174' 2 $\frac{1}{2}$ "	P. J. Strickland (John Fisher School)	White City	24/4/54
170' 8 $\frac{3}{4}$ "	M. J. Martin (John Fisher School)	White City	20/6/53
164' 0"	L. Hall (Thames Valley H.)		21/8/56
160' 8"	M. Philips (Thames Valley H.)	Eton Manor	19/9/56
160' 5"	J. Deane (Army App. S.)	Arborfield	24/5/55

JAVELIN THROW

228' 9"	A. J. Farmer (London A.C.)	Motspur Park	2/6/56
215' 2 $\frac{1}{2}$ "	M. Lanning (Thames Valley H.)	Chiswick	2/7/53
210' 1"	M. J. Denley (Thames Valley H.)	Chiswick	17/6/50
209' 6" (Sen)	C. G. Smith (Thames Valley H.)	Southgate	22/8/53
202' 5"	M. F. Johnson (Polytechnic H.)	Motspur Park	4/6/55
201' 6"	A. F. Whiston (Hanley H.S.)	Plymouth	21/7/56
201' 1 $\frac{1}{2}$ "	M. Harradine (Thames Valley H.)	Birmingham	28/7/50
200' 11"	D. C. Wright (Wanstead C.H.S.)	Southall	49
200' 9"	M. E. Morrell (Wirral A.C.)	Skegness	8/7/50
200' 9"	P. S. Cullen (Rotherham G.S.)	Skegness	8/7/50



Georgiy Klimov of Russia, who shattered all previous best performances for the 50 kilometre road walk with a time of 4 hrs. 05:12.2 in Moscow on August 10 last. In the Olympic race he had to retire at the 40 km. mark when lying third. (A.P.)

BOOKSHELF

Systeme Rationnel pour Classer les Performances Athletiques: by Dr. Fernando Amado, Federacao Portuguesa de Atletismo, P. da Alegria 65, Lisboa, Portugal.

At last private enterprise has produced a new set of scoring tables. The author is Dr. Fernando Amado who under the auspices of the Portuguese Athletic Federation has published his "Systeme Rationnel pour Classer les Performances Athletiques". This system was adopted by the Portuguese Federation as early as 1949 and is now being submitted to the next meeting of the I.A.A.F. Scoring Tables sub-committee.

First impressions are that Portugal has made a considerable contribution to the field of the study of athletic performance and that Dr. Amado's tables are far superior to anything that has come out of Scandinavia.

Vol. I, No. I

1955/56

HANDBOOK OF BRITISH COMMONWEALTH ATHLETICS

Compiled by V. V. Kolatchoff

Price 5/4

Post Free

Vth BRITISH EMPIRE AND COMMONWEALTH GAMES

The first major International Games after Melbourne will be the Vth British Empire and Commonwealth Games to be held at Cardiff in 1958. The stadium to be used will be the Cardiff Arms Park, scene of many International Rugby Union matches. A new track will be laid for the purpose.

The athletic programme will cover four days. The afternoons of Saturday, July 19, Tuesday, July 22, Thursday, July 24 and Saturday, July 26. The timings of the 26 events are not yet known, except that the marathon will start at 12.30 p.m. on the Thursday. The Empire Games also comprise boxing, cycling, fencing, lawn bowls, rowing, swimming, weightlifting and wrestling.

The first full celebration of these Games was held at Hamilton, Ontario, Canada, in 1930; the next at the White City Stadium, London, in 1934, and the IIIrd Games at Sydney in February, 1938. The Games were resumed on a grass track at Auckland, New Zealand, in February, 1950. The Vth Games were held at Vancouver, B.C., Canada, in 1954, when the much publicised mile race between Bannister and Landy was run.

BRITISH EMPIRE AND COMMONWEALTH GAMES BEST PERFORMANCES

MEN

100 yards	9.6a	Percy Williams (Canada)	Hamilton	Aug. 21, 1930
	9.6b	John F. Treloar (Australia)	Auckland	Feb. 4, 1950
	9.6w	Michael G. R. Agostini (Trinidad)	Vancouver	July 31, 1954
220 yards	21.2	Cyril B. Holmes (England)	Sydney	Feb. 10, 1938
	47.1	R. Kevan Gosper (Australia)	Vancouver	Aug. 5, 1954
440 yards	1:50.7	Derek J. N. Johnson (England)	Vancouver	Aug. 3, 1954
880 yards	3:58.8	Roger G. Bannister (England)	Vancouver	Aug. 7, 1954
1 mile	13:35.2	Christopher J. Chataway (England)	Vancouver	Aug. 3, 1954
3 miles	29:09.4	Peter B. Driver (England)	Vancouver	July 31, 1954
6 miles	2:30:49.8	Johannes L. Coleman (S. Africa)	Sydney	Feb. 7, 1938
4 × 110 yards Relay	41.3	Canada (D. C. McFarlane, D. Stonehouse, H. Nelson, B. Springbett)	Vancouver	Aug. 7, 1954
	41.3	Nigeria (E. A. Adjado, K. A. B. Olowu, A. K. O. Amu, M. A. Arogundade)	Vancouver	Aug. 7, 1954
4 × 440 yards Relay	3:11.2	England (F. P. Higgins, A. Dick, P. G. Fryer, D. J. N. Johnson)	Vancouver	Aug. 7, 1954
		Thomás P. Lavery (S. Africa)	Sydney	Feb. 12, 1938
120 yards Hurdles	52.3b	David F. Lean (Australia)	Vancouver	July 31, 1954
440 yards Hurdles	6' 8"	Emmanuel A. Ifeajuna (Nigeria)	Vancouver	July 31, 1954
High Jump	14' 0"	Geoffrey M. Elliott (England)	Vancouver	Aug. 7, 1954
Pole Vault	24' 8 $\frac{3}{4}$ "	Kenneth S. D. Wilmshurst (England)	Vancouver	Aug. 5, 1954
Long Jump	51' 3 $\frac{1}{2}$ "	John P. Metcalfe (Australia)	London	Aug. 4, 1934
Hop, Step and Jump	55' 0 $\frac{1}{4}$ "	John A. Savidge (England)	Vancouver	Aug. 5, 1954
Shot Putt	169' 7 $\frac{1}{2}$ "	Stephanus J. du Plessis (S. Africa)	Vancouver	Aug. 3, 1954
Discus Throw	181' 8"	Muhammad Iqbal (Pakistan)	Vancouver	Aug. 7, 1954
Hammer Throw	224' 9 $\frac{1}{2}$ "	James A. Achurch (Australia)	Vancouver	Aug. 5, 1954
Javelin Throw				

a=made in wind-assisted heat. b=made in semi-final. c=alleged wind-assistance.

WOMEN

100 yards	10.7	Marjorie Nelson-Jackson (Australia)	Vancouver	July 31, 1954
220 yards	24.0	Marjorie Nelson-Jackson (Australia)	Vancouver	Aug. 5, 1954
4 × 110 yards Relay	46.8	Australia (G. L. Wallace, N. A. Fogarty, W. Cripps, M. Nelson-Jackson)	Vancouver	Aug. 7, 1954
		Edna M. Maskell (N. Rhodesia)	Vancouver	Aug. 5, 1954
80 metres Hurdles	10.9	Thelma E. Hopkins (N. Ireland)	Vancouver	Aug. 3, 1954
High Jump	5' 6"	Yvette W. Williams (N. Zealand)	Vancouver	Aug. 7, 1954
Long Jump	19' 11 $\frac{1}{2}$ "	Yvette W. Williams (N. Zealand)	Vancouver	Aug. 7, 1954
Shot Putt	45' 9 $\frac{1}{2}$ "	Yvette W. Williams (N. Zealand)	Vancouver	July 31, 1954
Discus Throw	147' 8"	Yvette W. Williams (N. Zealand)	Vancouver	Aug. 7, 1954
Javelin Throw	143' 9 $\frac{1}{2}$ "	Magdalena C. Swanapoel (S. Africa)	Vancouver	Aug. 5, 1954

Vth EUROPEAN CHAMPIONSHIPS

The Empire Games will be closely followed for Britain's athletes by the Vth European Championships at Stockholm provisionally fixed for August 20-24. The first championships were held at Turin, North Italy, in 1934. Britain did not participate. The next championships were at Paris and they were resumed at Oslo in 1946 when the women's events were added having previously been held separately. The IVth Championships were held at Brussels in 1950 and the Vth at Berne in 1954.

EUROPEAN CHAMPIONSHIPS BEST PERFORMANCES

MEN

100 metres	10.4a	Orazio Mariani (Italy)	Paris	Sept. 3, 1938	
	10.4na	Wijnand van Beveren (Holland)	Paris	Sept. 3, 1938	
200 metres	20.9	Heinz Fütterer (Germany)	Berne	Aug. 29, 1954	
400 metres	46.6	Ardalion V. Ignatyev (U.S.S.R.)	Berne	Aug. 27, 1954	
800 metres	1:47.1	Lajos Szentgali (Hungary)	Berne	Aug. 27, 1954	
1,500 metres	3:43.8	Roger G. Bannister (G.B.)	Berne	Aug. 29, 1954	
5,000 metres	13:56.6	Vladimir P. Kuts (U.S.S.R.)	Berne	Aug. 29, 1954	
10,000 metres	28:58.0	Emil Zatopek (Czechoslovakia)	Berne	Aug. 25, 1954	
Marathon	2:24:51.6	Veikko Karvonen (Finland)	Berne	Aug. 25, 1954	
4 × 100 metres Relay	40.6	Hungary (L. Zarandi, G. Varasdi, G. Csanyi, B. Goldovanyi)	Berne	Aug. 29, 1954	
4 × 400 metres Relay	3:08.7	France (C. Haarhoff, J. Degats, J-P. Martin du Gard, J. P. Goudeau)	Berne	Aug. 29, 1954	
110 metres Hurdles	14.3	Donald O. Finlay (G.B.)	Paris	Sept. 4, 1938	
400 metres Hurdles	50.5	Anatoliy Yulin (U.S.S.R.)	Berne	Aug. 29, 1954	
3,000 m. Steeplechase	8:49.6	Sandor Rosznyoi (Hungary)	Berne	Aug. 28, 1954	
High Jump	2.02	6' 7½"	Bengt Nilsson (Sweden)	Berne	Aug. 29, 1954
Pole Vault	4.40	14' 5½"	Eeles E. Landström (Finland)	Berne	Aug. 28, 1954
	4.40	14' 5½"	Ragnar Lundberg (Sweden)	Berne	Aug. 28, 1954
Long Jump	7.65	25' 1½"	Wilhelm Leichum (Germany)	Paris	Sept. 3, 1938
Hop, Step and Jump	15.90	52' 1¾"	Leonid M. Shcherbakov (U.S.S.R.)	Berne	Aug. 26, 1954
Shot Putt	17.20	56' 5½"	Jiri Skobla (Czechoslovakia)	Berne	Aug. 27, 1954
Discus Throw	53.75	176' 4½"	Adolfo Consolini (Italy)	Brussels	Aug. 26, 1950
Hammer Throw	63.34	207' 9¾"	Mikhail P. Krivonosov (U.S.S.R.)	Berne	Aug. 29, 1954
Javelin Throw	76.87	252' 2¾"	Matti H. Järvinen (Finland)	Paris	Sept. 3, 1938
Decathlon	6,752 pts.		Vasiliy Kuznetsov (U.S.S.R.)	Berne	Aug. 26/27, 1954

a=made in semi-finals.

WOMEN

100 metres	11.7	Francina E. Blankers-Koen (Holland)	Brussels	Aug. 25, 1950	
200 metres	23.8	Stanislawa Walasiewiczowna (Poland)	Vienna	Sept. 18, 1938	
800 metres	2:08.8	Nina G. Otkalenko (U.S.S.R.)	Berne	Aug. 27, 1954	
4 × 100 metres Relay	45.8	U.S.S.R. (V. Krepkina, M. Ulitkina, M. Itkina, I. Turova)	Berne	Aug. 29, 1954	
80 metres Hurdles	11.0	Mariya Golubnichaya (U.S.S.R.)	Berne	Aug. 28, 1954	
High Jump	1.67	5' 5¾"	Thelma E. Hopkins (G.B.)	Berne	Aug. 28, 1954
Long Jump	6.04	19' 9¾"	Jean C. Desforges (G.B.)	Berne	Aug. 26, 1954
Shot Putt	15.65	51' 4½"	Galina I. Zybina (U.S.S.R.)	Berne	Aug. 26, 1954
Discus Throw	48.03	157' 6¾"	Nina Dumbadze (U.S.S.R.)	Brussels	Aug. 25, 1950
Javelin Throw	52.91	173' 7"	Dana Zatopkova (Czechoslovakia)	Berne	Aug. 25, 1954
Pentathlon	4,526 pts.		Aleksandra G. Chudina (U.S.S.R.)	Berne	Aug. 26/27, 1954

9th BRITISH EMPIRE v. U.S.A. RELAYS

Composite Team's 4 x 1 mile (average 4:06.6) not to be ratified

Three masculine and two feminine world relay records were set in the 1956 British Empire v. U.S.A. athletics meeting at Moore Park, Sydney, on December 5. The U.S. won this quadrennial, post-Olympic match, founded in 1920, by 13 events to 5. The world records came in the 4 x 200 yards event with Murchison-King-Baker-Morrow recording 1:23.8 so beating the old standard by a fifth of a second, and in the 4 x 880 yards event in which Jerome Walters (1:53.5), Lon Spurrier (1:50.3), Arnie Sowell (1:49.3) and the Olympic Champion Tom Courtney (1:49.9) aggregated only 7:23.0 so bettering the South-Pacific A.A.U. team's time of 7:25.2 set last June.

In the women's events the world records were bettered for the 4 x 110 yards, 4 x 200 metres and 4 x 220 yards by Australian quartettes. In the short event won by two yards from Great Britain in 45.6, Shirley Strickland took the first stage and was followed by Norma Croker, Fleur Mellor and Betty Cuthbert. In the longer event Marlene Mathews substituted for the Olympic hurdles champion on the lead-off stage. Some eye-witnesses claim that there was no take-over judge on one of the exchanges in the shorter event.

Another world's best performance that is unlikely to be recognised was in the 4 x 1 mile in which the Empire combination Murray Halberg (N.Z.) (4:05.2), Neville Scott (N.Z.) (4:06.3), Ian Boyd (G.B.) (4:10.5) and John Landy (Australia) (4:04.4) removed 14.6 sec. from the official world record by the U.K. team with 16:26.4. Most of the field events performances were anti-climatic except for brilliant shot putting and discus throwing by the Olympic champions Parry O'Brien and Al Oerter, and a 26ft. 0 $\frac{1}{2}$ in. long jump by Gregory Bell, who barely fouled one jump of 27ft. 4in. In this event Arthur Cruttenden bettered the best ever British performances of 24ft. 8 $\frac{3}{4}$ in. by Ken Wilms-hurst at Vancouver with an immaculate hitch kick, which carried him 24ft. 10 $\frac{3}{4}$ in. If Bell's mark is passed as an Australian Open Record then in the absence of an anemometer it will have to be conceded that Cruttenden's is also valid. The wind strength was light during this competition.

Summary:—

Men

4 x 110 yds.—U.S.A. (Murchison, Baker, King, Morrow), 40.4; G.B. (disqualified).

4 x 220 yds.—U.S.A. (King, Stanfield, Baker, Morrow), 1:23.8; B.E. (Agostini, Khaliq, Wheeler, Shenton), 1:26.0.

4 x 440 yds.—U.S.A. (Jones, Courtney, Mashburn, Jenkins), 3:09.9; B.E. (Higgins, Tobacco, Spence (S. Africa), Gosper), 3:10.5.

4 x 880 yds.—U.S.A. (Walters, Spurrier, Sowell, Courtney), 7:23.0; B.E. (Rawson, Farrell, Hewson, Johnson), 7:42.1.

4 x 1 Mile.—B.E. (Halberg, Scott, Boyd, Landy), 16:26.4; U.S.A. (Coleman, Dellinger, Ashenfelder, Jones), 16:54.8.

1 Mile Medley Relay.—(440, 220, 220, 880); B.E. (Salisbury, Levenson, Hogan, Butchart), 3:22.5; U.S.A. (G. Davis, Baker, Morrow, Spurrier), 3:22.7.

3 Miles Team Race.—Thomas (B.E.), 13:43.2; Ibbotson (B.E.), 13:43.3; Maiyoro (B.E.), 13:48.8; Sando (B.E.), 14:15.0; McKenzie (U.S.A.), 14:19.9; Hart (U.S.A.), 14:38.8.

5,000 metres walk.—Keane (B.E.), 21:43.2; Allsopp (B.E.), 22:02.7; Vickers (B.E.), 22:19.8; Hardy (B.E.); Coleman (B.E.); Read (B.E.); Laskau (U.S.A.).

120 yds hurdles.—J. Davis (U.S.A.), 13.9; Calhoun (U.S.A.), 14.2; Shankle (U.S.A.), 14.4; Razik (B.E.), 14.5; Burger (B.E.), 14.8; Hildreth (B.E.), 15.2.

440 yds hurdles.—G. Davis (U.S.A.), 51.6; Lean (B.E.), 51.9; Potgieter (B.E.), 52.1; Kane (B.E.), 52.2; Culbreath (U.S.A.), 52.4; Southern (U.S.A.), 53.4.

High Jump.—Dumas (U.S.A.), 6' 9"; Wilson (U.S.A.), 6' 7"; Reavis (U.S.A.), 6' 5"; Porter (B.E.), 6' 5"; Chigbolu (B.E.), 6' 3"; Money (B.E.), 6' 0".

Pole Vault.—Mattos (U.S.A.), 14' 4"; Richards (U.S.A.), 14' 0"; Graham (U.S.A.), 14' 0"; Peever (B.E.), 12' 6".

Long Jump.—Bell (U.S.A.), 26' 0 $\frac{1}{4}$ "; Bennett (U.S.A.), 25' 8 $\frac{1}{2}$ "; Cruttenden (B.E.), 24' 10 $\frac{3}{4}$ "; Price (B.E.), 24' 10"; Shaw (U.S.A.), 23' 2 $\frac{1}{2}$ "; Olowu (B.E.), 22' 8 $\frac{1}{4}$ ".

Hop, Step & Jump.—Engo (B.E.), 48' 7"; Shaw (U.S.A.), 48' 7"; Wilms-hurst (B.E.), 47' 6"; I. Davis (U.S.A.), 47' 6"; Sharpe (U.S.A.), 45' 5".

Shot Putt.—O'Brien (U.S.A.), 61' 9 $\frac{1}{2}$ "; Nieder (U.S.A.), 57' 11 $\frac{1}{2}$ "; Bantum (U.S.A.), 52' 9 $\frac{3}{4}$ "; Donath (B.E.), 51' 2 $\frac{1}{4}$ "; Hanlin (B.E.), 50' 5"; Palmer (B.E.), 49' 2".

Discus Throw.—Oerter (U.S.A.), 184' 2"; O'Brien (U.S.A.), 177' 5 $\frac{1}{2}$ "; Koch (U.S.A.), 172' 9 $\frac{1}{2}$ "; du Plessis (B.E.), 170' 6"; Pharaoh (B.E.), 162' 4"; Bantum (U.S.A.), 156' 0"; Carr (B.E.), 153' 10".

Hammer Throw.—Connolly (U.S.A.), 215' 8"; Iqbal (B.E.), 183' 5 $\frac{1}{2}$ "; Hall (U.S.A.), 183' 5"; Anthony (B.E.), 173' 3 $\frac{1}{2}$ "; Barker (B.E.), 153' 5"; Koch (U.S.A.), 123' 1".

Javelin Throw.—Young (U.S.A.), 239' 5"; Conley (U.S.A.), 224' 5 $\frac{1}{2}$ "; Garcia (U.S.A.), 216' 10"; Nawaz (B.E.), 215' 1"; Khan (B.E.), 199' 5".

Women

4 x 110 yds.—Australia (Strickland, Croker, Mellor, Cuthbert), 45.6; G.B. (45.9); U.S.A. (46.6); B.E. (47.0).

4 x 220 yds.—Australia (Mathews, Croker, Mellor, Cuthbert), 1:36.3; B.E. (Pashley, Matheson, Rever, Paul), 1:39.8; U.S.A. (Daniels, Ellis, Rudolph, Williams), 1:41.5.

80 metres hurdles.—Strickland (B.E.), 11.6; Thrower (B.E.), 11.6; Wynter (B.E.), 12.0; Cooke (B.E.), 12.1; Mueller (U.S.A.), 12.2; Darnowski (U.S.A.).

High Jump.—Donaghy (B.E.), 5' 4"; Hopkins (B.E.); Mason (B.E.); Flynn (U.S.A.).

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Harold Vincent Connolly, the 15 stone 10 lb., 6 ft., 25 year old schoolteacher from Boston, Mass., who holds the world record of 224ft. 10½ in. His best shot putt mark is 49ft. 7in. (A.P.)

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