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Vol 9 No 4 Editor: A Huxtable 78 Toynbee Road LONDON SW20 8SR Winter 1971

EDITORIAL

This is, of course, the busiest time of the year for most statisticians with the result that this issue is rather thin. However, I strongly recommend that you read the article by Peter Matthews rather thoroughly. Any comments will be welcome and a selection will be published in the next issue.

By the time you receive this, the 3rd edition of the UK Indoor Track & Field Handbook should have appeared. It will be on sale at Cosford next year at 30p.

Seasonal greetings to all members and a statistically happy New Year!

MISCELLANY

"Scottish Athletics 1971" compiled by the SATS: if you still haven't got a copy of this brilliant 124 page survey of the 1970 Scottish season - including full results of the BCG - send 30p now to Ian Steedman, 2 James Street, EDINBURGH EH1 5 2DS.

Catching up on news of Nobby Clarke: his wife Joan gave birth to a girl (Joanné Stephanie) on 8 June 1970. She weighed 3.74kg/8.25lb. Nobby has access to an IBM 360/30 computer with paper tape and card input, disk drives and printer: suggestions for projects to Bob Sparks (ADP Projects), 15 Mayfair Avenue, WORCESTER PARK, Surrey KT4 7SH please!

A request has been received from John Bromhead, now in charge of the NCAL at the University of Birmingham, for the donation of the following items to fill gaps in the collection:

<u>AAA Club Newsletter</u>	Nos 1-7, 25
<u>Athletics Arena</u>	Vol 1 Nos 8, 10-12; Vol 2 Nos 1-2; Vol 3 No 2; Vol 4 Nos 2, 4-6; Vol 5 Nos 5, 7, 9-10; Vol 6 Nos 7, 10-12; Vol 7 No 1.
<u>Athletic Review</u>	Vol 8 Nos 5, 7, 9; Vol 9 Nos 1-2, 6-8, 10-11; Vol 10 Nos 4-7, 9-10
<u>Athletics Weekly</u>	Vol 21 Nos 51-52; Vol 22 Nos 13, 18, 30-31, 49, 51-52
<u>Coaching Newsletter</u>	Nos 1-9
<u>Finchley H Bulletin</u>	Dec 60, Jan-May, Jul 61, Aug 62, Jan-Dec 63, Jan-Feb, Oct-Dec 64
<u>Modern Athlete, The</u>	Vol III No 1
<u>Modern Athletics</u>	Vol 6 No 1, Vol 7 Nos 5, 11
<u>Red & Black</u>	Vol 20 Nos 1-3, Vol 23 No 4 to date
<u>Runner's World, The</u>	Vol 1; Vol 2 Nos 2 et seq; Vol 3; Vol 4 Nos 1-4, 6; Vol 5 Nos 4-5; Vol 6 Nos 3 et seq
<u>RRC Newsletter</u>	Nos 1-52
<u>SCAN</u>	Nos 21, 26-27
<u>Track & Field News</u>	Vol 16 No 12; Vol 17 Nos 1-8, 11; Vol 18 No 2; Vol 19 No 2
<u>Track Newsletter</u>	Vol 6 Nos 16, 18, 21-22; Vol 7 No 9; Vol 8 No 16; Vol 9 Nos 2, 11; Vol 10 No 18; Vol 11 Nos 1-12, 14; Vol 12 Nos 9, 19-20; Vol 13 Nos 8-9; Vol 14 Nos 1, 17
<u>World Sports</u>	Vol 2 No 5; Vol 6 No 1; Vol 7 Nos 5-12; Vol 18 Nos 9, 11; Vol 19 Nos 6-8, 10-11; Vol 20 Nos 2-3, 10, 12; Vol 21 Nos 7-11

If you can help, please write direct to him at the National Centre for Athletics Literature, Main Library, PO Box 363, University of Birmingham, BIRMINGHAM B15 2TT.

IMPORTANT!!! Please remember that your subscription for 1972 is due on 1 January: if you have not already paid please send cheque for £1 to Brian Nott, 22 Bridge Court, Bridge Street, LEATHERHEAD, Surrey now!

LIST COMPILATION by Peter Matthews

The primary purpose of the NUTS is to produce comprehensive British lists. It is my opinion that we are not fulfilling this purpose to the best of our capabilities. I therefore put forward the following thoughts both as a guide to compilers and to provoke further ideas.

Our present system is that approximately 20 members compile lists for generally 2 or 3 events each. Compilers gather their information primarily from "AW", but also from report forms sent in by other members, results sheets from various sources sent to the NUTS and from their own investigations. These members send their final lists, and cards (from which the index to "BA" is produced), to the list co-ordinator. For the past three years I have been list co-ordinator, and a major reason for my writing this article is the extraordinary amount of work that I have had to undertake in order to produce accurate (i.e. nearer 100%) lists.

We have asked compilers to produce lists by 1 November to allow time for the top 50 lists to appear in "AW", and for the list co-ordinator to check the lists and amend them as necessary. Typing for "BA" is then scheduled to start from the end of December, for final receipt of copy by Snowdonia Press in early February to guarantee a publication date of 1 April.

It is apparent that we may not have 20 competent listers in the NUTS. By "competent" I simply mean people able to produce accurate lists by a deadline. In any voluntary organisation, nobody can be expected to be in a position to devote adequate time to such projects, and it is therefore vital that anyone without the time should not undertake the work, or should ensure that his position is understood well in advance of any deadlines.

I propose the following scheme of compiling:

1. That we should try to reduce the number of compilers, thus shortening the lines of communication, by asking compilers to take 3 or 4 events.
2. That the members of the NUTS should all take a greatly increased participation in providing results.
3. That increased "back-up" listing should be done, such as regional lists.
4. That compilers should keep in regular contact with the list co-ordinator

I would lay out the job of compilers as:

1. Gather on cards, or whatever system suits them best, full details of performances within NUTS standards for their events.
2. This information will come from:
 - a. "Athletics Weekly"
 - b. Information circulated to them by the list co-ordinator
 - c. Their own researches
3. Compilers should try to chase up their queries, and such items as missing first names and dates of birth themselves.
4. Compilers should send to the list co-ordinator details of their outstanding queries regularly (say once a month). The list co-ordinator can then group together queries and circulate likely informants. This avoids a mammoth chasing exercise at the end of each season, and which I am currently undertaking.
5. To deliver to the list co-ordinator by 1 November at the latest:
 - a. Top 50 lists for "AW" showing:
 - i. Best mark
 - ii. Name
 - iii. Club
 - iv. Date of mark
 - b. Top 100 lists in "BA" format showing:
 - i. Best mark
 - ii. Name
 - iii. Position
 - iv. Date
 - v. Venue

for the best marks of each athlete and for the best 30 performances
 - c. Index cards showing:
 - i. Surname
 - ii. Initials

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- iii. Date of birth
- iv. Club
- v. Event, performance (and all-time best performance if this is superior)

I also suggest that other members of the NUTS should increase their participation as follows:

1. To enter details of meetings they attend on NUTS report forms or to send in copies of official results sheets.
2. To check "AW" results of meetings that they have attended. This is particularly important, as otherwise typographical errors are perpetuated. In the 1971 Southern Championships results, for example, Doug Busst found literally dozens of errors, even in winning marks such as McSorley's 74.04, printed in error as 74.84. Furthermore, "AW" may have received incomplete meeting results, which NUTS members could amplify, by adding further placings, details of wind assistance, etc.
3. To keep a note of all fixtures in their area or in which their club participates, and if these results do not appear in "AW" chase up the results. This year, for instance, we have still not obtained full results from the Croydon H meeting or the Ryder Trophy meeting.
4. To undertake listings for their club or their area, as is already done by our Scottish and Welsh members. This could be extended to North-East, South-West, PE Colleges, etc.
5. Supply first names and dates of birth for athletes new to our lists.

I am sure that within our organisation we have access to a considerable amount of information, which is at present generally not known. I would welcome further suggestions from members so that we can evolve the most effective strategy for producing the annual.

RECORD OF UK WOMEN IN INTERNATIONAL MATCHES by Pete Pozzoli

Performance analysis by event (5 or more appearances) to end of 1970

<u>1500m</u>	A	W	PM	PO	%
R Lincoln-Ridley	7	3	35	27	77.143

60yH/60mH/80mH/100mH

C L Quinton-Barr	12	8	60	51	85.000
B R H McReavie-Moore	8	5	40	33	82.500
J C Desforges-Pickering	15	8	75	61	81.333
C Perera-Bell	7	5	35	27	77.143
P G Seaborne-Elliott	11	5	55	40	72.727
H M Hatt	10	4	50	35	70.000
P A Nutting-Pryce	17	7	86	58	67.442
M D Bignal-Rand-Toomey	14	5	70	46	65.714
S M Mills-Hayward	5	1	25	14	56.000
P A Jones	11	2	55	29	52.727
A S Wilson	9	1	45	23	51.111
A E Charlesworth-Lees	8	1	40	19	47.500
M Y Botley	8	1	40	17	42.500
I Morgan-Pond	8	0	40	16	40.000

HJ

S Alexander-Lerwill	6	4	30	26	86.667
D J B Odam-Tyler	18	10	90	73	81.111
D A Shirley	29	14	146	114	78.082
T E Hopkins	20	10	100	76	76.000
H M Hatt	8	3	40	29	72.500
L Y Knowles-Hedmark	17	8	85	61	71.764
F M Slaap	18	6	90	62	68.889
M D Bignal-Rand-Toomey	9	4	45	31	68.889
B J Inkpen	13	3	65	41	62.077

LJ

M D Bignal-Rand-Toomey	26	19	131	116	88.549
M A Gunn-Cornell	5	3	25	21	84.000
M L Walls	7	4	35	29	82.857

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T E Hopkins	12	6	60	40	66.667
J C Desforges-Pickering	12	5	60	39	65.000
S H Hoskin-Turner	7	2	36	23	63.889
A S Wilson	9	2	45	28	62.222
S H Parkin-Sherwood	22	4	110	55	50.000
C M Cops-Persighetti	10	1	50	25	50.000
S Cawley	9	0	45	18	40.000
J Neil-Towl	5	0	25	9	36.000

NUTS TRACK & FIELD MEETINGS 1960-1970 by Andrew Huxtable

This is intended as a brief history only of the meetings we have organised. 1960 6 February The first meeting was the result of a proposal made by Charles Elliott at an EC meeting in September 1959. Nearly 200 athletes "set foot on the hallowed cinders of Hurlingham" as Melvyn Watman put it in the 10th birthday issue of NUTS Notes. Among the junior winners was John Robertson (Folkestone) with 50.4y: yes, the same John Robertson who ran 47.0m this year!

1961 25 February The weather was atrocious with heavy rain and strong winds. Highlight was a 9.7w by the young Adrian Metcalfe, while Lawrie Taitt recorded 14.7w. Field events were included for the first time, as were some women's events.

1962 3 March With the date becoming progressively later performances were generally better. Among the best senior marks were 21.8 (straight 220y) by Robbie Brightwell and 14:04.8 (3M) by Gerry North. In the centre Zigfrids Nikasis had an HT of 55.38, while the junior DT saw a great fight between Peter Nimmo (48.08) and Barry King (47.30).

1963 13 April For the first time held in conjunction with the AAA 10M, the fourth meeting was held in blustery conditions. There were some pretty good marks though, topped by a DT toss of 53.14 by Lars Haglund. Barry King sent the 12lb shot out to 18.86 but the stop board was 1/4in (!) out so it was not submitted as a UK junior best. He also threw the 1.5kg discus 50.88.

1964 11 April Apart from the distinction of playing host to the world 10M record by Mel Batty (47:26.8), the meeting was notable for excellent HT and JT marks by Howard Payne (61.50) and John Greasley (68.68).

1965 11 April This was originally scheduled for 20 March but without prior consultation was cancelled by the Head Groundsman at Hurlingham, allegedly because of the flooded track. It was transferred to Wimbledon Park, but the standard of performance was rather low, Ray Power winning the meeting best performer award for a TJ of 14.54.

(To be continued)

CHROMATOGRAPHIC AND SPECTROSCOPIC CONTROL OF DOPING

Following the article by Carole Endersby ("The Use of Anabolic Steroids in Athletics") in Vol 9 No 2 an article dealing with control of the use of stimulants appeared in the Bulgarian OC Bulletin (3/71). Descriptions are given by the author of methods of tracing amphetamines or methylamphetamines (or both) in the urine, including that worked out by Beckett, Tucker and Moffat (1967) using gas and thin-layer chromatography as well as mass-spectroscopy and infra-red spectroscopy. The analysis is made in the following way: a certain urine sample is treated with a sodium hydroxide solution; it is extracted with ether and after centrifugation the ether extract is concentrated to a certain volume. A measured quantity of this concentrate is fed into the gas chromatography system. Stimulants can also be traced by their specific absorption in the ultra-violet region.

The bibliography may be of interest to readers who wish to follow up the subject: Ariens, E J (in "Doping: Proceedings of an International Seminar" ed. Schaepdryver, A & Hebbelinck, M. London 1964)

Beckett, A H & Rowland, M. Nature 204 (1964)

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