Marathon Offers



Cities Range izes: S. M. L & XL ondon Marathon -Shirt Price £10.95 lew York Vest £9.95 aris Vest £9.95





penco Polysorb nsoles £12.95 Satorade £4.95 Runaid Feed Bottle £1.95 Olisox Racing Sox ightweight thin 80% otton Seam free. Sizes: 1-7 or 716-11 £2.50

ssential Accessories

Timex Triathlon Watch. adies & Men's Models. Isual £29.95 Offer £26.95

Bourne Sports, Church Street,

ST4 1DJ. Telephone: 0782 410411 Fax: 0782 411072.

All orders £30 and over post free. Other orders add £2.00.

Send cheque/postal order or telephone your order quoting Access, Visa, Diners Card or American Express.



MIZUNO WORLD SPORTS TRAINING AND RACING SHOES

FEATURING "TRANSPOWER" THE ENERGY CONVERSION SYSTEM EXCLUSIVE TO MIZUNO SPORTS SHOES, OFFERS ATHLETES THE DUAL BENEFIT OF ENHANCED PERFORMANCE AND PROTECTION AGAINST INJURY



Tempo TP Rubber outer sole for longer wear. Slip lasted upper. EVA cross beam mid sole. Transpower system. Colour: Green/Grey. Sizes: 6-11 inc. ½ sizes £49.99. 5-5 ½ £43.50



Rubber outer sole and Transpower in heel Compression moulded EVA cross beam midsole. Variable lacing system. Combination lasted. Available in 2 Colourways: Peacock Blue/Grey, Light Grey/Dark Grey. Sizes: 6-11 inc. ½ sizes £44.99. 5-5½ £39.25



Lady Brocade TP

Attractive ladies shoe with Transpower energy conversion system. Dual density mid-sole, padded uppers for comfort. Colour: Green/Ocean Blue. Sizes: 3-8 inc. 1/2 sizes £34.99



Competitively priced running shoe. Dual density mid-sole with Transpower System. Stabilizer heel shank. Slip lested contruction. This shoe has features of some products retailing at more than twice the price. Available in 2 Colourways:

Black/White with shoe stripe in metallic blue and red trim. Grey/Silver with powder blue trim. Sizes: 6-11 inc. ½ sizes £34.99. 3-5½ £29.99

RACER/TRAINER



Premier TP Carbon heel piece for longer wear. Crossbeam mid-sole with cut-away arch. Strong heel counter, Transpowe system. Slip lasted construction. Soft nylon upper. Footbed insock. Weight 270 gms. 2 Colourways: Purple/Ice Grey, Ice Grey/Blue. Sizes: 6-11 inc. ½ sizes £49,99, 5-5% £43.50

SALE Bargains



Sub 4 Sweatshirts, fleece back, ideal training garment. Colours: white/navy, white/black or white/royal. Sizes: M38", L40". Usual £13.99

Sub 4 Running Trousers. Warm, good quality, ideal for training on colder days, two zip pockets. Colour: navy with red stripe. Sizes: S, M, L & XL. Usual £13.99 Sale £10.95

Mileta Blizzard Waterproof Breathable

Rainwear Running Suits. Britain's 'Raining' Champion, Fabrics manufactured by Carrington Performance Fabrics. Its unique microporus PU coating permits perspiration vapour to escape whilst preventing raindrops from penetrating. Features include fully machine taped seams concealed hood in collar, terylene lining for wickability, storm flap behind zip, trousers with extra long gusseted zip to the knee and Scotchline high visability safety trim, 9 colourways for men and women; sky/silver/sky. green/yellow/green, red/silver/navy, yellow/white/royal, amber/yellow/grey, jade/red/grey, pink/silver/pink, white/pink/white, royal/navy/turquoise, Sizes: S34/36", M38/40", L42", XL44", Usual £88.50 Sale £69.95



NEW BALANCE CLOTHING One piece Shell Suits OV8 Scintec Running Overall. Colour: Aqua, S, M, L. Purple: large only. Ultra: M, L, XL Turquoise: L & XL. Usual £52.95 Sale £39.95 New De-Luxe Suit. Colour: Ruby (Trousers have full length zips). Sizes: S, M, L & XL. Usual £63.95 Sale £55.00



Frank Shorter Logo or Runners T-Shirt. white, grey, pink, purple. XS, S, M, L & XL £9.95 offer £7.99

Bourne Sports 3 Colour Lycra Shorts Colours: navy, white, red or black, red, jade. 22/24" 26/28" S. M. L. £11.95 £8.95

Junior Great Scottish Run T-Shirts Sizes: 32", 34" £4.00 36", 38", 40", 42" £5.00

SCOTLAND'S

ISSUE 51 **NOVEMBER 1990**



Cross country returns! Win winter clothing inside!

Calderglen Harriers profile





RUN-A-WAY SPORTS

Scotland's 'Pure Dead Brilliant' Running Shop Discount to members of Clubs & Associations. Road. Fell Track & Field Stockists.

210000					
MIKE		1	RC 600	6-12	44.95
Air Stab	7-14	69.99	RS NBX 605 (SPIKE)	6-12	44.95
Skylon	7-14	54.99	Trailbuster	6-12	37.95
Pegasus	7-15	44.99			
Duellist	7-13	44.99	Reabok		
Lady Pegasus	5-10	44.99	Conqueror	7-11	49.99
Air Mariah	6-12	49.99	Lady Conqueror	3-7	39.99
		NO. CO.	Harrier Cross Country S	pike 6-13	39.99
Saucony 2		0.0000000	ERS Trainer	7-11	39.99
Shadow 5000	6-13	54.99	World Cross Spike	7-11	34.99
Sceptre	6-13	49.99	Strobe ERS	6-12	39.99
Azura II	7-12	59.99	Endeavour	7-13	59.99
Spear	7-12	64.99	Exhilarator	7-11	49.99
Sceptre Racer	6-12	52.99	ERS Racer	6-12	44.99
Lady Azura	3-8	49.99	Junior Royal	1-5	22.99
Lady Azura II	3-8	59.99	Junior Rapide	1.5	19.99
Lady Freedom	3-8	39.99	Lady Exhilarator	3-7	44.99
Crossport SPEC	6-12	64.99	Lady Extoile	3-7	19.99
		27,000,000	PB 800 Childrens	1-5	19.99
BROOKS			PB 800	5 -12	24.99
GFS	7-13	54.99	World Distance		
Regent	7-13	59.99	Spike	6-11	39.99
Chariot CC	6-15	44.99	Childrens X/C Spike	1-5	35.99
Blast	3-13	51.99	Concorde HXL	3.7	59.99
Lady Chariot CC	3-8	44.99			
King Conquest Racer	7-13	45.99	AVIA		
Rage	7-13	39.99	ARC 2090 MZ	6-12	49.99
Lady Rage	3-8	39.99	ARC 2060 MZ	6-12	54.99
AB -w			MIZUNO		
NBX 840	6-12	59.95	SPECIAL OFFER		
M580	6-12	49.95	Brocade -5	6-10	19.99
W580	3-8	44.95	+ £2.00 p&p		



V	8	
RON HILL		
Street Racer	3-12	29.00
Machu Picchu (Spike)	3-12	29.00
VIEWFROM	MRP	OFFERS
Active T-shirt S,M,L,XL	18.99 NOW	8.99
Sweatshirt S,M,L,,XL	22.95	14.99
Corporate T-shirt	9.95	7.99
Mens running Vets	8.95	7.99
Mens running shorts	9.95	8,99
Ladies lycra running briefs	11.95	7.95
Unisex lycra leggings Knee length lycra running	28.99	19.99
/cycling shorts	21.95	13.99
TEXTILES:		
Frank Shorter Rip-Stop Suit		
Colours: Black/royal/Lilac		159.90
	CLUB PRICE	149.90
Frank Shorter Wind Suit		
Tur/White/Black		59.99
Cerise/blue/white, Black or		
Royal	CLUB PRICE	49.99
Diamond Coretex		169.99
	CLUB PRICE	159.99
Nike International Suit		
white/pink/purple, black/yell		54.99
white, blue/red/white Sub 4 Windsuits	CLUB PRICE	47.99
Blue/gren/white, Turq/grey		42.99
Purple, Blue/Turq/white.	CLUB PRICE	34.99
WINNERS: Ron Hill Co	mpetition:-	
Mr D. Baillie, Aberdeen; I	Caren McInally D	umfries
David Cooney, Hamilton	Anna and An	panel year.
	A TITE TO THE TITE	
	AIR DRIVE	
	SIDE	
	GOW	
	2 9579	-
Open: Mon - Sat Sam - 5		kale
night i	ill 7pm	

Run for us, so we can run for them...

If you, or anyone you know, plans to run in any UK marathon or other running event, we need your help. By running for Great Ormond Street Children's Hospital Fund you could help support the research desperately needed to save children's lives.

Great Ormond Street Children's Hospital Fund

Please return this slip to Janet Judd, Great Ormond Street Children's Hospital Fund, 49 Great Ormond Street, London WCIN 3HZ.

Yes! I want to run for GOSCHF in the event detailed below

My Name	
My Address	

	Postcode	
CONTRACTOR OF THE PARTY OF THE	- Ostcode	

M 14.175. 1.1619				
Day Time Telephone No				
	S	M	L	(please

ease send me a Vest/T' shirt (please delete)				tick)
Please send me	Sponsorship	pack(s)	for my	friend(s

I would like to enclose a donation of	£
AND RESIDENCE AND RESIDENCE OF THE PROPERTY OF THE PARTY	

SR NOV 90G



CHILDREN'S LIVER DISEASE FOUNDATION

Liver disease is diagnosed in over 1000 children each year

The Children's Liver Disease
Foundation is the only registered
national charity raising funds for
research, treatment and support for
these children.

For Free T-Shirt and Sponsorship Pack please write to:

The Children's Liver Disease Foundation 40-42 Stoke Road, Guildford GU1 4HS Telephone: 0483 300565

Registered charity No. 280814
Formerly the Michael McGough Foundation

Fax: 0483 300530

1 9 9 C

EDITOR Alan Campbell

CONTRIBUTORS Arnold Black

Jeff Carter Derek Parker Gordon Ritchie Colin Shields Allan Wells

REPORTER Jason Clark

FRONT COVER PHOTO
Peter Devlin

DESIGNER Lynn Stewart

ADVERTISING MANAGER

INSIDE LANE

NEWS

LETTERS 13

NORTH EAST NOTES

ALLAN WELLS 15

RACE FEATURE 16



contents

CLASSIFIED SALES Maureen Mulligan

ADMINISTRATION Gillian McCallum

ENGLISH SALES AGENCY S.M.S. Ltd 061-839-6265

COMMERCIAL DIRECTOR Tim New



COACHING CLINIC

CLUB PROFILE 23

WOMEN'S RANKINGS 26

BATHGATE FEATURE 28

MEN'S RANKINGS 34

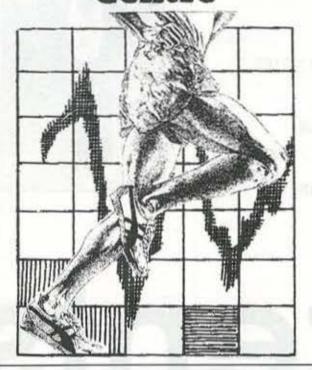
RESULTS 38

EVENTS 41



PUBLISHED BY SCOTRUN PUBLICATIONS LTD, 62, KELVINGROVE STREET, GLASGOW G3 7SA.

Glasgow Sport and Medicine Centre





THE GLASGOW SPORTS MEDICINE CLINIC (KINGS DRIVE, GLASGOW) WILL SOON BE MOVING TO THE KELVIN HALL INTERNATIONAL SPORTS ARENA, ARGYLESTREET, GLASGOW.

OPENING LATE OCTOBER 1990

Watch this space for further details next month.

ARTHRITIS RESEARCH

... but one day he might have trouble even walking!

It's a sad fact that sporting injuries can of the disease. lead to arthritis in later life.

But it isn't just former athletes who suffer. Over 8 million people in the UK have the disease, including 15,000 children and 2 out of 3 over-65's.

And so far, although we've made many advances in treatment, there's no cure. With your help, though, we'll find one.

We are the Arthritis and Rheumatism Council, the only UK charity financing medical research into every aspect

Currently we spend over £11 million annually on this research, with a mere 21/2p in the £ going on administration. We receive no State aid whatsoever and rely entirely on voluntary contributions.

Please give us a sporting chance of finding the cure by getting yourself sponsored for us in your marathon. We'll provide you with an ARC running singlet, official sponsor forms and badges. Just fill in and return the coupon.

THE ARTHRITIS AND RHEUMATISM COUNCIL FOR RESEARCH

Working to find an earlier cure

EVENT
SRA
Re

Imports set new standards

WHILE never underestimating the importance of top class coaching and facilities, there is nothing in the short term more likely to improve performance than good competition stimulated by an inspirational figure.

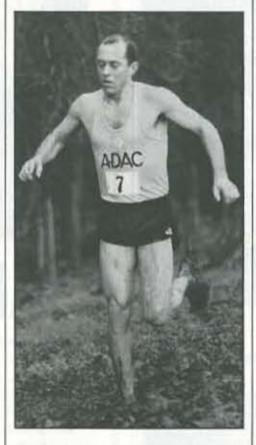
You see it time after time in all sports. Take Kenyan middle distance running, for example, or Swedish tennis - just two of the most dramatic manifestations, and two of the most different.

Scotland doesn't have a Kip Keino or a Bjorn Borg, but I would contend that the presence of figures such as Steve Ovett and Steve Binns in Scottish cross country running this winter should - and will - raise standards across the board.

Ovett is, to use a popular if crude expression, slightly past his sell-by date, but remains one of the giants of contemporary athletics. The initial euphoria of realisation that he might wish to spend his twilight years literally up to his ankles in Scottish mud may have passed, but the man's reputation and achievements are such that his stature will never be diminished, no matter how much age catches up with him (not that age seemed to be troubling Ovett too much at the McAndrew Relay, when he clipped five seconds off the

Scottish middle distance athletes -

who have spent the last few years bemoaning the lack of good class competition - will no doubt have taken



note of the fastest laps at the McAndrew. For including Ovett, there were five athletes born outside Scotland in the top six. The winning team, Dundee Hawkhill, had only one Scot among their four men, while second placed Annan had their two Englishmen.

Scots being what they are, there will doubtless be some who see something untoward in this miniinvasion from the other three home countries (you'd get good odds against a Scot winning the national this season, for example), but I believe it is to be warmly welcomed. As I said earlier, it can only raise domestic standards.

Just as important, the appearance of athletes such as Ovett and Binns stimulates a wider interest in the sport - both with the media and the general public. In a minor way what is happening in cross country could be a mirror image of the transformation in Scottish football since the arrival of top English and foreign players into the

I look forward to seeing how some of our top domestic runners react to the challenge on their doorstep. If they do rise to it, then Scottish cross country running will be in a far healthier state next March than it was at the start of October.

Alan Campbell



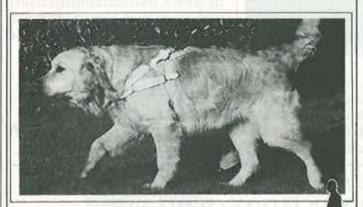
THE CHEST, HEART & STROKE ASSOCIATION (SCOTLAND)

THERE IS SO MUCH GROUND TO COVER - PLEASE RUN FOR US AND HELP US IN OUR AIM TO PREVENT CHEST HEART AND STROKE ILLNESSES

ALL MONEY RAISED IN SCOTLAND IS SPENT IN SCOTLAND

For sponsorship forms, free running vest and details of our work in Scotland, contact: Suzanne Donnan, CHSA (Scotland), 65 North Castle St, Edinburgh EH2 3LT Tel: 031 - 225 6963

In
25 years
Forfar has
harnessed some
of Scotlands
finest talent.



GUIDE DOGS FOR THE BLIND ASSOCIATION, FORFAR.

I'd like to help guide dogs. Enclosed my donation for £	Please send details Please send more Information about Your favour. Please send more Information about Your favour. Expiry date
Please charge my Access/Visa Card No:	
Name	
Address	
Postcode	Signature



The people John Grooms support may have a wheelchair, but that doesn't mean they take everything sitting down. Far from it.

Jonathan Clark, from John Grooms Hope Nursery project powered himself around the London Marathon to win a personal victory.

We're asking for an equally rapid response from <u>you</u>. If you can help by undertaking a sponsored run for us we'd like to hear from you.

Just fill in the coupon and we'll get you off to a flying

start with our free John Grooms sponsorship pack.

Grooms

John Grooms Association

for Disabled People

Not Helpless. Not Hopeless. Just Disabled. Help us provide the support that's needed.

To: John Grooms Association for Disabled People, FREEPOST, London N4 2BR Grooms and raise sponsorship money

Lam willing to run for John Grooms and raise sponsorship money Please send a sponsorship pack to me at the address below Please circle preferred size of running vest S M L XL

Signature		
	200 THE RES	100
Address		
A PERSONAL PROPERTY.	Postcode	
Telephone		SR

Beverley wins world title

SCOTLAND gained an unlikely world champion when Beverley Redferr (Carnethy HRC) won the women's International Mountain Racing World Cup in Telfse, Austria. English born Redfern, 33, won the 7.4K, 350m climb, race in 36-36.44, 59 seconds ahead of Italian Maria Cocchetti.

Redfern's victory combined with Tricia Calder's 11th place, Joyce Salvona's 18th, and Jane Robertson's 33rd, enabled Scotland to take bronze in the team competition, which was won by Switzerland.

In the men's race, three times British champion Colin Donnelly (Eryri Harriers and Cambuslang) failed to repeat his silver medal performance of last year, finishing ninth. Dermot McGonigle (DHH) was 18th, with John Wilkinson, 30th, and Alan Farningham 31st (both Gala) making up the Scottish team. The strong Italian squad triumphed with gold medalist Severino Bernardini and his team finishing 1, 2, 3 in the short course event.

In the junior event Scotland's only competitor was Billy Rodgers, who finished 22nd out of 52 starters.

REMARKABLY, Beverley Redfern has been hill racing for only 18 months, writes Jason Clark. Formerly a rock climber, she was persuaded to give the Ben Nevis race a try. First time out on the Ben Lomond event she won, and when she repeated the trick at Ben Nevis she realised she might have a natural talent for the sport!

Her World Cup appearance was her first international race and, naturally, she felt a little nervous.

Beverley said her tactics were simple: "I wanted to go out fast. After 500m I realised I was in the lead by myself. I considered slowing down the pace but decided just to press on."

Although Cocchetti caught her at one point, Redfern shook her off on the downhill stretch. "I honestly thought it would be more difficult," she said. "Although at first the descent was steep with a few loose stones, the terrain soon got a lot gentler. In Scotland every descent is tough."

Beverley is under no illusions as to the attributes required by mountain racers. "Leg strength and good co-ordination. You must also be able to assess the terrain on the descent. The aim is to run as fast as possible whilst maintaining your balance and watching your footing."

The IAAF intend to recognise the International Mountain Racing World Cup as an official world championship in 1992, which should, hopefully, arouse more meida interest. However, as Redfern pointed out, the official backing could present Scotland's hill runners with a problem.

"It may be that the four home countries will be absorbed into one as in other branches of athletics. Many runners would be unhappy if this was the case," she said.

Asked why Italy and Switzerland are so dominant in the sport, Redfern replied: "Money is invested in the sport in these countries. Also in Italy many races are televised, giving the sport prestige."

As for the future, Beverley has definite plans: "After running a 10K recently I would like to try more road racing. I will also continue hill racing and hopefully, as world champion, I will receive invites to run in major continental races."

Peter, Janet take Ayr honours



DESPITE the unfortunate clash of dates with the Great North Run, the Ayr Land O'Burns Half Marathon on September 16 attracted around 1700 runners, only slightly down on last year's event.

The winner, in 64-18, was Bellahouston's Peter Fleming. Mike Carroll of Annan came second in 64-56. First woman home, with a time of 79-11, was Janet Swanson of Monkland Shettleston, pictured left receiving her booty from Digital's Jim Manderson.

(See Pages 18-21 for more Land O'Burns photographs).

Scottish returns to Meadowbank

NEXT year's Scottish track and field championships will return to Meadowbank after three years at Glasgow's Crownpoint Road. The dates are July 12-13.

The 1991 season gets underway in earnest on May 18 with the district championships. The SAAA had considered moving the districts to a date in August, but felt this would hit the numerous Highland Games scheduled at this time.

The under-20 championships will be held at Crownpoint on June 1. The following day (venue still to be decided), the relays championship will take place. The combined events championships will be held at Aberdeen on June 22-23.

Meanwhile, the heavy events championship takes place on August 4 at Bridge of Allan.

Local authority runners wanted

THIS year's annual Scottish Universities v SCCU v N.Ireland v Civil Service v Scottish Banks v Scottish Districts select race at Cumbernauld is, for the first time, opening its doors to a Scottish local government select team.

Both a male and female team of nine members (six to count) are required for the event which takes place in the grounds of Cumbernauld House on December 15.

If you are employed by any of Scotland's regional, district or island authorities, enjoy competitive cross country running, and would like to be considered for the local government team, then write, enclosing details of your employment and recent country, road, or track times, to: Euan Wilkinson, 53, Glen Shee, St Leonards, East Kilbride G74 2JH.

Euan, who works for Strathclyde Regional Council's public relations department, is looking into the possibility of sponsorship for the select team to help cover the expenses of those runners selected for the event.

Search on for a replacement for Dave Lease

SCOTTISH national coach David Lease is transferring to the Southern Counties on December 1. Lease, 43, a former Welsh Commonwealth Games pole vaulter, will have responsibility for the south-west of England in his new post and is likely to be based in Swindon.

Lease's tenure as Scottish coach began in May 1983, and he has been involved in two Commonwealth Games in his seven year spell.

The vacant position has already been advertised in a number of publications (although not in Scotland's Runner!), and quotes a salary scale of £16,109 rising to £18,956 after five years. A car and travel expenses are also included with the job.

Lease expressed mixed feelings on his departure: "It means that we'll be near where my parents live, although that was not an immediate priority. We've been very happy here.

"I'm glad I'm going out on a

good note as we've had a good year, not just at the Commonwealth Games and European Championships, but also in winning the Celtic Nations junior women's meeting for the fourth year in a row and beating Ireland and Wales in the junior men's match," he added.

The BAAB's director of coaching, Frank Dick, said of Lease's departure: "David requested a transfer for family reasons. I'm sorry to see him leave Scotland as he had his own plans but it's a time of change, an exciting time, and I hope we'll attract an exciting group of candidates, which Scotland deserves."

The closing date for applications is October 22.



Lining up to publicise the Thorntons WS 10 Mile Road Race in Dundee on November 4 are Bob Paterson of Thorntons WS, Gill Hanlon and Eric Fair of Dundee Roadrunners, Jenny Wood Allen, and, seated, Sandra Brown of Thorntons WS.

England rejects new event

THE Scottish Amateur Athletic Association has made tentative enquiries into the possibility of organising a Commonwealth Athletics Championship which would be run in addition to the Commonwealth Games

Details remain sketchy, but every eligible Commonwealth Games country has already been contacted in order to gauge their interest.

Already ten countries have expressed their acquiescence in theory for such a games - including Canada, Australia, Wales and Kenya. The English AAA opposed the plan, citing an already overcrowded fixture list as the stumbling block.

Sorry, Evelyn

APOLOGIES to Evelyn Grant of Glasgow Athletic Club, who finished fourth in the Scottish Championships 1500 metres.

Our report of the event stated that Aberdeen AAC's Katy Rice, who finished fifth, was second Scot in the race, which was won by Yvonne Murray in 4-11.46. Evelyn Grant's time was 4-37.74, while Katy Rice clocked 4-38.04.

As Evelyn's coach Bill Parker mischeviously points out, our man Doug Gillon was temporarily suffering from a small dose of Jack Buckneritis!

Race off

RUNNERS intending to take part in the Sri Chinmoy two mile race in Edinburgh on October 20 should note that the event has been cancelled due to "unforeseen circumstances".



CANCEL CANCER

QUEST funds unique non-animal research to develop routine testing for early signs of cancer, before a tumour develops.

It is a marathon to raise the money needed because each type of cancer requires separate research. We have now developed two new tests and the research has received international recognition.

WILL YOU RUN FOR QUEST, especially in the London Marathon?

Every week there are 4,000 new cases of Cancer

CANCER IS CURABLE BUT EARLY DETECTION IS VITAL

Jean Pitt founded QUEST after her son died from cancer. QUEST is administered from her home in Essex.

Please send for our newsletter, sponsorship forms, leaflets and free t-shirt/singlet

Now!

Name	Ir/Mrs/Miss
Address	
Postcode	
Please send T-shirt/Singlet	(S,M,L,XL)
Name of event	
Date of Run	
QUEST CANCER TES	T
Woodbury, Harlow Road, Roye	

Woodbury, Harlow Road, Roydon, Essex CM19 5HF

Tel: 027979 3671/2233 during office hours 027979 2233 outside office hours

Registered Charity No 284526



RUNNERS ALERT

THE LONDON MARATHON 1991AND THE ARMS RUNNERS AND FAMILIES RECEPTION

Ideally situated in St. Thomas' Hospital and enjoying a pleasant view of the finish, the tremendously popular ARMS RUNNERS AND FAMILIES RECEPTION is fast becoming the place to be for those who are looking for the complete day out.



ARMS offers this view of the finish from their reception facilities - probably as near to the finish as a reception can be.

THE 1991 ARMS FAMILY PACKAGE

- Free fluorescent Event Team'91 T-shirt/Vest these are never sold and are totally exclusive.
- A convivial meeting place for family and friends the ideal way to end you day.
- * On the spot physiotherapy and immediate access to hospital facilities - no worries!
- Free choice of sandwiches and hot or cold snacks to runners and reduced prices for families and friends.
- Comfortable rest areas for meeting other runners and enjoying the race coverage on TV.

RUN FOR



THE FIGHTERS

AGAINST MS!

ARMS has now for 16 years battled against Multiple Sclerosis on behalf of sufferers, their carers and families. ARMS range of activities includes £500,000 Research Programme, education and information, telephone counselling, face to face counselling, physiotheraphy, nutrional advice, speech therapy, continence advice, oxygen thraphy and social interaction.

A choice of 64 Centres and Support Groups nationwide.

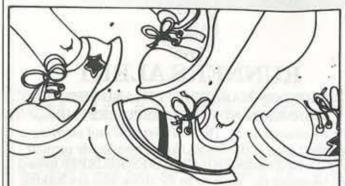
Last year's reception was fully booked. If you are applying for the "London" in '91 and wish to reserve tickets for the ARMS Runners and Families Reception then please fill in the details below and

ost them immediately	. All applications will be acknowledged.
ame	Tel
ddress	

shirt or vest o. of tickets you wish	S,M,L, or XL
dulte	Children

Please send to: ARMS, Specila Projects Division, 4a Chapel Hill, Stansted, Essex CM24 8AG. Tel: 0279 815553 THANK YOU

MS SUFFERERS WILL NOW BENEFIT



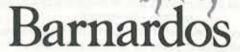
Run for the charity which values your contribution

Make your effort go farthest. Run for the children and young people who are disabled or disadvantaged. For your FREE running vest, car sticker, sweatband, sponsor form and details contact:

Scottish Office.

235 Corstorphine Road, EDINBURGH

EH12 7AR



WE LEAD THE FIELD QUALITY PRINTING!

Consult our highly skilled "team" for all your print requirements.

- **Brochures**
- Leaflets
- Letterheads
- Magazines
- **Programmes**

PHONE: 041 429 4537



McNAUGHTAN & SINCLAIR LTD

ROSYTH ROAD, POLMADIE INDUSTRIAL ESTATE, GLASGOW G5 0XX. TELEPHONE: 041-429 4537



Running into the 90's COACHES AND HOTELS
ALWAYS USED
SPECIAL DEALS FOR
CLUBS



Marathon - Half-Marathon Children's Fun Run

> 7 nights at 5-star Hilton Hotel Located near race finish

> > From £279



LOS ANGELES MARATHON VI

March 3rd 1991

8 days holiday * Flight with Virgin Atlantic * Beach hotel

ALDEIA DAS AÇOTEIAS

SPRING TRAINING WEEK IN PORTUGAL

16th March 1991 in association with Acoteias 1/2 Marathon (Portugal) October 14 - 7 nights from £259

Jersey 1/2 Marathon - November, 1990

Marrakesh - January 12, 1991

Manila Marathon - January 20, 1991

Weekend in Glen Coe Scotland Nov 16th

- * 4 days Ballachugsh Hotel
- * Breakfast and evening meal
- * Coach transportation
- * Fabulous running area
- * Guest runners * Prices from £109

CHECUERS Complete the coupon and post to Chequers Travel Ltd.

Newbridge House, Newbridge, Dover, Kent CT16 1YS, OR call

TRAVEL our 24 hour answer service on (0304-204515) guiding ref. SR11

lease	rush	me	a	сору	of	the	1990	Chequers	Running	broch

NAME.

Running Magazine

Too much emphasis on results?

14, Burnieboozle Place,

SIR - Judging from the problems that most clubs, including Aberdeen, have in fielding full teams for meetings of the Panasonic Scottish Athletics League, men's athletics in Scotland is not in a healthy state.

I wonder whether any part of the reason might be that clubs are putting too much emphasis upon finishing as high up the league as possible, instead of building for the future by including younger athletes in their teams - even though these might, in their first season in senior athletics, finish well down the field?

The use of sponsorship money to provide prize money for the top three clubs might further discourage team managers from taking a long term view. It would surely be better if sponsorship benefited all clubs equally by meeting costs associated with items such as track hire, printing, officials' teas and travel.

Another point is that if league sponsorship helped defray the costs to clubs of league competition, then these might be less need for clubs to seek sponsorship directly at the cost of changing their names, possibly every few years.

What, I wonder, will athletics historians of the future make of these name changes?

> W. Hunter Watson. Secretary, Aberdeen AAC.

SCORE FIRST WITH "SCOTTISH RUGBY"

SCOTTISH RUGBY HOTLINE

FIRST WITH RESULTS FROM McEWANS NATIONAL LEAGUE EVERY SATURDAY -Divisions 1 &2 by 5pm Divisions 3 - 5 by 5.10 pm

0898 - 88 - 1902

CALLS COST 33P/MIN AT CHEAP RATE

SAC is not intended to be elitist

112, Finnart Street,

SIR - The new Scottish Athletes Club read with interest the Open Forum in the October issue. We are grateful to Mr Gooch for his comments, and agree with him in many respects.

There are some points with which we would take issue, however, In his opening paragraph, he refers to the club as, "Yet another body to represent the needs of athletes."

We are not aware of any other body in Scotland which represents the interests of athletes. The governing bodies, all five of them, represent the interests of the sport, but these are not necessarily the interests of the athletes. In many cases, these bodies are unaware of the athletes' wishes. One case of this arose at the Scottish Championships at Crownpoint, when the officials genuinely believed that the 5000m runners would rather run the final at heat time, whereas the majority wished to run at final time.

As regards the statement of intent in the September issue, this was not intended for publication. While we are extremely grateful to Scotland's Runner for supporting the venture, nobody from the magazine contacted the club for information. The article that was published was part of a package presented to the press when the club was launched. Other documents in this package gave details of the address and membership subscriptions.

The club is intended to cover all aspects of the sport. The committee consists of track and field athletes, together with road, cross country, hill runners, disabled athletes, a schools' representative, a veteran, and a coach.

The reason that reference was made specifically to recruitment at Crownpoint was that the track and field championships were the first national event following the launch of the club. The club fully intends to be present at the leading events throughout the winter, and many of the current membership are dedicated "road runners cum joggers".

We would respectfully submit that any body attempting to improve the standard of the sport and to attract more publicity and sponsorship is of more than "little use" to these people. Negotiations are underway at present to improve the lot of all such "joggers", and we hope to be able to announce some initiatives in the very near future. Therefore we hope that the club will be great interest to the majority of readers.

We believe that there is room in the sport for a national club for Scottish athletes (of the track and field variety, together with the road, cross country and hill variety too). That is why the club was set up.

Finally, we must take issue with the penultimate paragraph which makes the bold and unsubstantiated claim that. "Any changes in Scottish athletics should come down from the governing bodies through the ranks to the athletes themselves and not vice versa."

Why? Is there some rule which says that athletes should not be allowed a say in how their sport is being run? Athletes are the worst sportspeople around for complaining to each other. They meet at tracks or races or clubhouses around the country, and moan about the problems in their sport.

However, they don't do anything to try to put matters in order. The raison d'etre of the Scottish Athletes Club is to give those athletes a body to complain to, and which can then relate those complaints to the governing bodies (or hopefully the governing body!).

We hope that Mr Gooch will follow the example of many others by oining the club. We aim to promote athletics within Scotland, and to bring all athletes together in higher standards of competition an in a social environment.

Hopefully these goals will not be missed due to apathy or any other reason. Certainly, there is no sign of apathy among the members at

> Gordon Ritchie. Secretary/Organiser.

Thanks to Blairgowrie runners

Achanalt, 15. Ann Street. Blairgowrie.

SIR - This year's Kall-Kwik Blairgowrie 500 proved to be more difficult than the race organiser thought, and many runners suffered personal worsts due to this.

However on saving this, Blair used to be recognised as the toughest half marathon in Scotland before Stonehaven took that title away from us.

Have we got the title back? Do runners want an easier course? Remember some runners like a stiff challenge, and is it a good thing for all half marathons to be easy?

Please write to me with your answers or queries.

This year's race, I'm told, had a more professional look to it and this I believe is due to our main sponsors, Kall-Kwik Printing (Dundee and Perth shops) whom, left to do their own thing, produced a good entry form, signs and other literature. They are also carrying on with their sponsorship for another year.

Dundee Runner also came up trumps once again and they (John Quinn and Jim Norrie, who is the committee) helped greatly throughout our campaign to become "one of the best".

John Connaghan (Builders and Joiners) Perth made the start, finish, and the presentation podium most professional looking.

I would also like to thank all the half marathon and fun runners for taking part in the 500 tenth anniversary, once again making it a successful event, and look forward to seeing you all again next year.

Bob Ellis

Please send your letters, on any subject, to:

Scotland's Runner, 62, Kelvingrove Street, Glasgow, **G3 7SA**

PERHAPS it was inevitable that the club with the most unusual name in Scottish athletics would dream up something completely different to mark their tenth anniversary.

Which explains why, one day last month, the Edinburgh-based Hunter's Bog Trotters began their celebrations in the 6am shadow of Arthur's Seat. They were to finish, some 16 hours later, in an Aberdeen city centre publ

Club captain Pat O'Kane, the Glasgowborn former Westerlands runner who has hitched his loyalty to HBT on the strength of an Edinburgh teaching post, instigated the idea of covering the intervening 140 miles with a club road relay.

Twenty two Hunter's Bog Trotters - using a pig's trotter as an appropriate baton - were involved in the run which charted its course from Edinburgh to the Forth Bridge and along the back roads of Fife to the Tay Bridge and into Dundee.

It was then on to Brechin before turning into the Grampian heartland via Edzell and Fettercairn, crossing the Cairn o' Mount to link up with the Banchory-Aberdeen road for the South Deeside leg to the Granite City.

Having set a six minute mile pace, the HBT contingent were delighted to record a 5-40 return in a total time of 13-23-45.

Why Edinburgh to Aberdeen?
Explained assistant secretary Robin
Thomas, one of several original HBT members
on the run: "It seemed logical to stay away from
the busy roads in Central Scotland.

"By aiming for Aberdeen, we could use the many back roads of Fife, Angus and Grampian, and call on the services of the strong HBT contingent who live in the Aberdeen area.

"There was also the incentive of ending up at the right venue - in this case the Old Bank Bar where one of our members, Jim Farquhar, is bar manager."

Pat O'Kane, the fragile survivor of a latenight party, was given the doubtful privilege of launching the relay from Hunter's Bog, the area of ground on Arthur's Seat which gave its name to the club.

A crescent moon and a weak sunset provided the backdrop to O'Kane's run through deserted Edinburgh streets before he handed over to Eric Scott for the two legs to South Queensferry.

The honour of crossing the Forth Road Bridge went to HBT's biggest fan, ten year old John Coon, son of Livingston-based members John and Susie Coon.

Said Robin Thomas: "We just could not bypass a youngster who has become so wrapped up in the club. He takes a tremendous interest in everything we do.

"The fact that he is 10 years of age made his role an appropriate one on our tenth anniversary."

The min-Trotter handed over to lan Marshall - one of the original members - for the run through Fife by way of David Taylor, Stuart Gibson, John MacKay, Neil McIntyre, Chris Lewis, Norman Blisset, Brian Maher and a testing 11.5 mile leg by Jim Farquhar.

Geoff Mitchell and Paul Foy saw the baton deep into Grampian before Ian Wallace was given the dubious pleasure of tackling the 1400ft climb up Cairn o' Mount. It was then down to Derek Hall, Dave Dawson, Jim Wright and Simon Axon to see that Mark "Zoot" Thomas was given the honour of completing a relay which ended in Aberdeen's Union Street.

An appropriate banner, an inflatable doll, and a barrel of beer played their part in keeping the waggon - and spirits - rolling on the few times when the relay went somewhat off course.

The residents of Windygates, Frockheim and Dundee may yet look back on the September afternoon they came across a lone figure wearing a bog brown outlit carrying the "HBT" legend.

But then the Hunter's Bog Trotters have always been somewhat scattered since the day and hour, ten years ago, that a group of Edinburgh University students decided that Edinburgh Southern and Edinburgh AC were somewhat "elitist" in their approach to the sport.

They now have members throughout Britain, and links with runners in Australia and New Zealand.

Recalls Robin Thomas: "The idea of calling our new club the Hunter's Bog Trotters stemmed from the Victorian era when there was a club called the Bog Trotters.

*But our new name didn't go down well with the SAAA's. They said it was somewhat inappropriate, and only came round to our way of thinking when the Banff Coasters and the Solway Striders appeared in the scene.

"The SCCU were always more enlightened in their approach, a fact which might go some way to explaining why we concentrate on hill, road, and cross country running.

"But the great thing about HBT is the fact that we cater for everyone - from the hack to the five minute miler. But the running is nothing if we can't enjoy the social side.

"It's just as important that we enjoy a good chat over a few pints."

He added: "We have a role to play in the sport. It is clubs like the Hunter's Bog Trotters who keep people in running long after they might have given up."

The prospects are looking good for the next ten years. Currently running at a 70-strong membership, HBT have been encouraged by the recruitment of a small women's section, and the prospect of making some kind of impact on next month's Edinburgh-Glasgow road relay.

Welsh international Simon Axon's decision to switch from Aberdeen AAC to HBT has prompted Robin Thomas to think they might just be in the running for the E-G *most improved club* award.

RUSSELL SMITH

ABERDEEN AAC's up-and-coming names featured strongly in the annual club championships.

New under-21 internationalist Louise Paterson had a two second margin in the intermediate 200m, clocking 25.3, which represented the fastest time for the four age groups at the distance.

William Stark (25.9) resisted the attentions of Alasdhair Love to take the junior boys' 200m on a night when internationals Mark Davidson and Paul Allan were both timed at 22.3 in the men's race. Davidson was given the photo-finish verdict - Allan taking the consolation prize of a personal best for the distance.

Former Scottish cross country international Sonia Armitage continued her comeback with a 5-09.3 second place to Sue Lanham (5-02.8) in the 1500m.

CLUB coach Bob Masson, the man behind the progress of Duncan Mathieson and Mark Davidson, used a 37.52m discus throw to inject 660 points into his winning 2848pt total in the Aberdeen AAC veteran championships.

The 100m, long jump and 1500m completed the competitive element of an annual confrontation at the Chris Anderson Stadium.

Scottish veteran indoor champion Joyce Hogg dominated the women's event. Leading results:

Men: 1, Bob Masson (12.8, 5.00m, 37.52m, 5-15.4) 2848 pts; 2, Malcolm Clarkson (12.7, 4.75m, 27.94m, 5-47.4) 2403; 3, Doug Cooper (13.6, 4.81m, 21.48m, 5-09.9) 2273; 4, Ken Hogg (13.6, 4.43m, 16.16m, 4-32.3) 2219.

Women: 1, Joyce Hogg (15.1, 3.12m, 17.32m, 6-04.2) 1670 pts; 2, Bing Kerr (17.6, 2.85m, 13.64m, 6-04.6) 999; 3, Sheena Pirie (16.9, 3.22m, 13.86m, 7-58.2) 687.

THEY don't come much more determined than Nairn's Nettie McQuirie.

The organisers of the annual Easer Ross 10K at Tain were astonished by the sheer grit shown by the 73 year old blind lady - with a little help from her friends - in completing the 3.2 mile fun run staged in conjunction with the 10K

Nettie, who simply described herself as an "over-50" on the entry form, was backing the race charity, the Scottish Association for Guide Dog Owners.

AGE proved to something of a drawback for 56 year old Charles Rennet in the Scottish Wildlife Trust 10K at Aberdeen.

The over-50 prizes were up on the board when Charles, from West Ferry, Dundee, pointed out that he had completed the course in a remarkable 37-35 - more than six minutes clear of the runner thought to have taken the over-50 victory.

Said Charles: "The same thing happened in the race last year. I just felt I had to say something on this occasion."

AS we determine the winter training programme, sprinters should take a careful look at hill work as an aid to increasing power. Hill work is often looked upon as middle distance type of training - when in fact sprinters can gain a lot of benefits from running both up and down hills.

The important factors to remember are that the hill must not be too steep, thus preventing the ability to sprint up it, and it also must not be too long, otherwise it does turn into middle distance work.

After being stuck in a gym or weights room for most of the week, hill work can be a pleasant relief even if the weather is inclement. There are few things more pleasant than running up Arthur's Seat in the fresh air on a Sunday morning, watching the ships sailing along the Forth between reps, and finally throwing up on the wet grass while all around think you are stark raving bonkers!

But back to the serious side of hill work. It is important that the hills are not of a uniform terrain. In other words, if you can find a hill that undulates with steep sections, level sections, and downhill sections, then all the better.

The distances should vary from between 30-35 seconds of long running with a few straight parts, to 6-7 seconds of sprinting flat out up a short but very undulating hill.

At the beginning of the winter the emphasis would be on the longer sections of the hill, with a few short runs at the end, graduating through to dropping the really long runs and concentrating on the shorter faster runs. It is important that the work on the hills matches the work on the track, i.e. if the track work is 80% longer runs, then the hill work should reflect this and vice versa. Therefore a typical early November session would be:

- * Two long runs between 30-35 seconds with seven minutes recovery.
- Two medium to long runs between
 13-14 seconds with 3.5 minutes recovery.
- Two medium runs between 10-11 seconds with 2.5 minutes recovery.
- * Six short runs between 6-7 seconds with 1.5 minutes recovery. * There should be a recovery of 7.5
- minutes between sets.

By comparison, an early April session would be:



- * No long runs.
- * Two sets of three medium runs between 10-11 seconds with 3.5 minutes between runs.
- * Six short runs between 6-7 seconds with two minutes between runs.
- * There should be a recovery of 7.5 minutes between sets.

THESE are just two examples of typical sessions. There can be many variations, but it is important that the sprinter is capable of running fast, and not just dragging himself up the hill.

An advantage of running fast downhill is that it can improve the cadence rate of the legs. This is important because it is difficult to find leg speed drills that work the legs at a higher rate than when sprinting flat out. Consequently, when the sprinter sprints on the level ground the muscle is then working at a reduced rate, lessening the chance of injury and improving the leg speed at the same time.

Because it is difficult to control running downhill, the distances should be short with only a slight decline. If the downhill running can be incorporated in the longer runs, than even better. This change in the hill's gradient makes the legs work harder, thus increasing the power within the muscle.

Because of the advantages of this type of work, it is important to take time to find the right hill. It may mean a drive of some twenty minutes, but it will be worth it to gain the most out of the session. The terrain must be earth, gravel, or grass - but not sand. Training in sand for sprinters is not a good idea as the slowness of the sand takes away from the benefit of the hill.

It is also important that each run is timed with the coach keeping the times of every run each athlete makes in a book, so that the athlete can see from week to week the benefits of not only the hill work, but also the gym work and the weight training sessions as they start to have an effect on the sprinters overall power.

The best times should also be given special note as there is nothing like a record to spur sprinters onto greater effort.

This tends to make the session more meaningful and more enjoyable. So not only

have the sprinters gained from a hard session, but it gives them incentive to work harder on the long dark nights during the week in order to beat the current "world" record on the hills!

Coaches can also benefit from these sessions by doing a few runs themselves in the interval between sets! Nine times out of ten there is no-one else around to laugh at you, and the athletes always appreciate the working coach as well as the thinking one.

You never know, you might get fit enough to take up vets athletics (providing you are old enough of course), and if nothing else it stops you freezing to death on a winter's morning.



KENYAN Paul Kipkoech, 27, was the winner of the Diet Coke Great Scottish Run on September 30.

The 25K route was completed by Kipkoech (pictured, right) in I-16-41, 45 seconds outside the world-best time for the distance. The Kenyan picked up a cheque for £2,500 and a Rover Mini.

Kipkoech had instigated a break from the field which saw himself, Steve Spence (USA), Richard Mulligan (Eire) and Nikolai Tabak (USSR) clear. By 15K Tabak and Mulligan had been dropped, and with around

5K remaining, Kipkoech moved away to finish 61 seconds ahead of Spence

Despite finishing eighth, Scottish internationalist Andy Beattie was deprived of picking up the £500 prize, SUN trophy and Tissot watch on offer for the first Scot to finish. As Beattie was born in London, the honours went to tenth placed Willie Coyle (Shettleston Harriers) who ran 1-

The women's race was won by Zoya Ivanova of the Soviet Union, who won a medal in this summer's

Goodwill Games marathon in Seattle. Ivanova finished in 1-28-32. Two minutes and eleven seconds further back was Jill Clarke-Harrison of Bath.

The first Scot home was Lynn Harding from Milngavie, who runs for Houghton. She took fourth place in 1-31-18.

Last year's winner, Veronique Marot of Leeds, finished third, 12 seconds behind Clarke-Harrison.



Photographs by Maurice McDonald

More Great Scottish Run pictures on Page 37

WIN QUALITY LYCRA

Scotland's Runner has 4 male and 4 female prizes to give away to the winners who answer all 3 questions correctly.

YOUR CHANCE TO

GARMENTS FROM

WASP SPORTS.

Prizes include:

1st Prize - Tracksuit

2nd Prize - Skinsuit

3rd Prize - Lucra tights

4th Prize - Shorts/Running briefs

Wasp Sports supply approximately 90% of all one-piece skinsuits used in the U.K. They have supplied Adidas with both the G.B. Olympic and England Commonwealth team skinsuits, and they supplied the G.B. skinsuits to Nike for internationalists for the European Championships.

Kilbarchan AAC have recently renewed all their club colours - supplied by Wasp Sports.

NOW it is your chance to win free made to measure lycra garments in club colours if required - in fact a choice of 33 different colours to choose from!

All you have to do is answer the three questions opposite and you could be one of the lucky winners.

ENTRIES CLOSE ON **NOVEMBER 1st - ALL** CORRECT ENTRIES WILL BE DRAWN BY BALLOT AND THE WINNERS NOTIFIED ON THAT DAY.

The editor's decision is final.



WIN LYCRA GARMENTS FROM





QUESTIONS/ANSWERS

Please send your answers to ScotRun Publications, 62 Kelvingrove St, Glasgow G3 7SA.

Bringing speed play into your running

REGULAR readers of this column will be aware of how highly I regard fartlek training sessions as providing an important psychological and physiological boost to racing performance.

The term "fartlek" comes from two Swedish words meaning "speed play". It was in the majestic conifer forests of Sweden some 50 years ago that middle distance immortals such as Gundar Haegg and Arne Andersonn put into practice the fartlek training principles of coaches Holmer and Olander, Because they ran according to how they felt. instead of as slavish disciples to a stopwatch, their programmes were described as fartlek, i.e. speed play.

There was no slouching or slacking in a fartlek session, however. Haegg and Andersonn interspersed sprints over distances such as 50 and 60 metres with longer periods of sustained running ranging from 600 to 1200 metres. Recoveries between fast bursts varied from brisk walking to steady running, and the work-outs were performed in a rural environment which included forest paths, marshy areas, grassland, and winding uphill and downhill trails.

Today, most people in this country live in an urban setting and find it difficult to fully understand the immense mental and physical benefits of fartlek sessions. Our materialistic society demands precise measurements in virtually every walk of life, so it is scarcely surprising that many athletes fall into the trap of always wanting to know exactly how far they ran, and how long it took them to complete every single training run.

Precision, accuracy, and an intelligent evaluation of sessions is important - but, if taken to extremes, can hinder rather than assist progress. Athletes become obsessed with daily wanting to beat, or at least come close to, their personal bests for their favourite training routes, and can get quite depressed about not covering a stipulated mileage each day and week.

During the "Hundred miles a week" mania a few years ago, it was a common occurrence for athletes to fit in runs of two or three miles on Saturday evenings to bring their mileage up to the magic ton.

There is no place in fartlek for such

18

Derek Parker recommends the use of fartlek in runners' training sessions.

rigidity or inflexibility of approach which borders on the obsessive and neurotic and which can be self-destructive. In "purist" fartlek, the athlete relies on his feelings and intuition as a guide. If he feels good and in the mood for a hard session, he can easily put in between one and two hours of varied-pace running over a variety of terrains and distances.

The sprint sections will be faster, the endurance sections longer, and the recoveries between fast bursts shorter. And the beauty of it all is that the enhanced work-rate and improved quality of performance will all be inspired by internal impulses such as the uninhibited joy of movement and self-expression and creativity through the medium of running rather than by external sources such as stopwatches, set distances, paces, recoveries, and coaches' commands.

Fallen trees will be hurdled at full stride, and the athlete will weave rhythmic, sinuous patterns among tall trees on woodland paths in a continuous sequence of relaxed, economical, and technically efficient running strides generated from deep within his or her innermost being, and in confirmation of the awareness that the entire mind, soul, and body - and not just the legs - are the agents of properly executed energy-saving, fluent, and skilful movement.

"Purist" fartlek is also beneficial for the man or woman who is returning to fitness after a period of inactivity, or who is recovering from a bout of intensive training or racing. Depending on circumstances such as age, ability, fatigue levels, and personal inclination, athletes in these categories can regard their work-out as gentle "activity recovery" exercise, or simply as 15 to 30 minutes perambulating. the countryside with a few easy strides or 50 per cent effort sprints included.

As fitness levels increase, and feelings of fatigue decrease, the programme can be gradually extensified and intensified to the point where fartlek sessions for recovery or getting fit are replaced by sessions which can simulate psychological and physiological situations in goodquality cross-country or middle-distance

Generally speaking, "purist" fartlek is best done alone, because the feelings and psychological states of individual athletes can never precisely correspond. One person's easy pace can represent all-out effort for another. Short recovery for one athlete might be regarded as long recovery for his or her training partner.

An 800 metres section in a fartlek work-out could be considered as maximum training distance for a 1500 metres runner, whereas a 10,000 metres or marathon competitor might well look on that as his minimum training distance.

These differences of attitude and approach are not insurmountable. however. A little diplomacy and intelligent appraisal of circumstances can be of mutual benefit to both individuals.

For example, the 10K athlete could dictate the total distance to be run during repetitions lasting from two to five minutes. The 1500m runner would control repetitions of between 10 seconds and two minutes. Each athlete would be responsible for the pace during his own specified period in control. The task of the person following the pace would simply be to remain in contact with the front-runner until the tempo slackened off.

This is precisely the situation which occurs in races, so fartlek sessions reflecting such occurrences would be described in coaching largon as "competition specific". These work-outs can be very enjoyable and stimulating, but athletes using them should always remember to be careful and safetyconscious when running fast in wooded areas. They should be on the look-out for low branches, stones or logs hidden among mud or vegetation.

It must never be forgotten that the most fundamental aspect of any training programme is to get the athlete to the starting line of his or her race in a fit.



Finishers at the Ayr Land O' Burns Half Marathon on September 15.

healthy condition. Most accidents are caused by negligence, lack of concentration, and a lack of awareness of one's surroundings so it is imperative that all runners acquire the ability to think ahead and anticipate problems and difficulties before they arise.

In the interest of safety and the wellbeing of athletes, the perceptive coach should be prepared to transfer the session from woodlands and country to open parklands or even roads, particularly in the event of inclement weather, excessive numbers of participants in the training group, and their ability (or lack of it) to

cope with more rugged running environments.

Another form of speed-play is "controlled" fartlek. This differs from "purist" fartlek in that the athlete knows how far he will be running at a fast pace, and how far he will be jogging during the recovery phases.

Basically, there are two main variations of "controlled" fartlek. The first involves the use of landmarks, while the second requires a stopwatch. Using the first method, for example, the athlete(s) would decide in advance where the fast sections started and finished. Lamp posts, prominent buildings, and entire or partial stretches of roads would dictate the beginning and end of fast repetitions. They would also determine the distance of recovery jogs.

"Controlled" fartlek requires a specific training objective and sense of purpose if it is to be effective. The athlete should 'have a good idea of how far he wishes to run during the fast sessions and where they fit into the overall training plan for that particular session, as well as for the particular phase of the yearly training and racing cycle.

A 5000 metres runner could, by way of example, make up his mind to cover a distance of 10 miles along the following lines: a) 2 miles warm-up including 6 to 8 x 100m strides; b) 6 miles of fast-slow running of which at least 3 miles must be done at, or faster than, 5K pace; c) 2 miles

The cumulative total of three miles of fast running is specified because it is a fundamental training principle that the athlete must normally cover his or her race distance during repetitions or fartlek sessions. The exceptions are, as stated previously, when he or she is returning to fitness after a lay-off, or recovering from the physiological or psychological stresses of competition.

At international class standard, the athlete will be able to build up his total of fast running to about five out of the six miles as he will be running faster and farther than his less fit counterpart, and will be taking very short recoveries between the fast sections. He may even include fast running phases where he is travelling at 1500 or 800 metres pace and injecting series of sprints into the average 5K training tempo. Thus, out of a total of five miles fast running during a fartlek session, an international competitor would aim to run something like 3.5 miles of varied-pace and varied-distance repetitions at 5K pace + 1200m in repetitions at 1500m pace + 600m in repetitions at 800m pace + several sprints at full effort or 400m pace.

Done on the fartlek principle, these distances need not be exact, but they should certainly correspond to the type of situation which the athlete is likely to encounter during the competition where change of pace and terrain - notably in road and cross-country races - frequently take the inexperienced or unprepared competitor by surprise.

My own favourite form of "controlled" fartlek requires the use of the stopwatch, and for the imaginative coach or leader of



a training group the list of permutations is limitless. The athletes run fast and jog for stipulated time periods in response to whistle or shout commands from the leader. A tremendous feeling of camaraderie and team spirit is built up as squad members exhort each other to keep going while drawing mutual inspiration and encouragement from the group.

The programme must be structured to accommodate specific race objectives, so it is essential that each session takes into account the distance over which the athlete intends to compete, and also the tactical situations that are likely to arise.

For example, someone hoping to run a good 10,000 metres would be required to run for around 30 minutes in a typical fartlek session as that is the time which he will be running for in competition. The session could be simplified by training at uniform pace and with uniform recoveries.

However, if the coach and the athlete are imaginative, they could make the work-out more complex by breaking it up into different distances at different speeds with different recoveries to simulate race situations. Thus, two sample sessions using "controlled" fartlek for an aspiring 10K athlete could be:

Session A (Simple fartlek): 30 x 1 minute at 10K pace with 15 to 60 seconds jog recovery.

Session B (Complex fartlek): 1 x 60 seconds at 5K pace (to simulate fast start) with 20 to 60 seconds jog + 6 x 2 minutes at 10K pace (to simulate steady race pace) with 20 to 60 seconds jog + 4 x 30 seconds at 1500m pace (to simulate pace injections) with 20 to 45 seconds jog + 2 x

3 minutes at 10K pace (to simulate steady race pace) with 30 to 75 seconds jog + 1 x 60 seconds at 5000m pace (to simulate pace injection) with 20 to 60 seconds jog + 1 x 4 minutes at 10K pace (to simulate race steady pace) with 30 to 90 seconds jog + 1 x 60 seconds at 10K pace with 15 to 60 seconds jog + 1 x 60 seconds at 5000 metres pace with 20 to 60 seconds jog + 1 x 60 seconds at 1500 metres pace with 30 to 60 seconds jog + 1 x 60 seconds full effort (to simulate last lap

The list of permutations is endless and the pages of several issues of Scotland's Runner could be filled with details with details of similar sessions. It is the duty of the perspicacious coach and athlete to devise programmes which suit his or her racing requirements.

For the 5000 metre runner, the "controlled" fartlek session should generally consist of between 15 and 20 minutes of fast running. If the complex pattern is adopted (and that is the one I normally prescribe) the varied pace sections should include efforts at 800m and 1500m as well as forays into sprint pace, as the anaerobic contents of the physiological demands become considerably higher in proportion to aerobic running than they do in the 10,000 metres (e.g. 10K = 90 to 95 per cent aerobic + 5 to 10 per cent anaerobic; 5K = 75 to 80 per cent aerobic + 20 to 25 per cent anaerobic). Thus sample 5000 metres "controlled" sessions could be:-

Session A (Simple fartlek): 15 x 1 minute at 5K pace with 20 to 45 seconds jog recovery. (Note: Because the intensity

is greater than that of 10K pace, the anaerobic content will be higher, particularly during the final few fast efforts. A 5K session must NOT be regarded as half a 10K session. If the two sessions must be compared, the 10K should be viewed as having a greater aerobic content while the 5K session has a higher anaerobic content.)

Session B (Complex fartiek): 1 x 30 seconds at 1500 metres pace (to simulate fast start) with 15 to 30 seconds jog + 5 x 60 seconds at 5K pace (to simulate steady pace) with 20 to 45 seconds recovery jog + 45 seconds at 1500m pace (to simulate pace injection) with 20 to 45 seconds jog + 2 minutes at 5000m pace with 30 to 90 seconds jog + 3 x 15 seconds at 800m pace (to simulate fast pace injection) with 30 to 45 seconds recovery + 4 x 60 seconds at 5K pace with 20 to 45 seconds recovery + 4 x 30 seconds (starting at 5K pace with each repetition becoming progressively faster) with 15 to 30 seconds recovery.

I would recommend that fartlek sessions under the "controlled" systems for 1500m runners should be divided into blocks of between two and four sets of fast efforts totalling around five minutes each. This is to ensure adequate recovery to maintain the quality of effort. The 1500m event is approximately 50 per cent aerobic + 50 per cent anaerobic in energy expenditure, so the slightly longer recoveries between repetitions reflect this balance. Quality is as important as quantity in 1500m training and racing. That is why the 1500m is universally regarded as the classic middle-distance

event. Sample 1500m fartlek sessions are:

Session A (Simple fartlek): 4 sets of 5 x 1 minute at, or slightly faster than, 1500m pace with 30 to 60 seconds log between repetitions/3 to 5 minutes jog between sets.

Session B (Complex fartlek): 45 seconds at faster than 1500m pace/slower than 800m pace (to simulate fast start) with 20 to 40 seconds log + 90 seconds at 1500m pace (to simulate steady pace) with 45 to 75 seconds jog + 60 seconds at 1500m pace with 30 to 60 seconds jog + 45 seconds at 1500m pace with 20 to 40 seconds jog and 4 x 15 seconds (starting at 1500m pace with each repetition becoming progressively faster and culminating in full-effort sprint (to simulate gradual acceleration) with 15 to 30 seconds log) x 2 to 4 sets with 3 to 5 minutes log between sets.

These are just a few examples of the type of fartlek training which can be tackled by the 1500, 5000, and 10,000m athlete. They can - and should be tailored to suit individual requirements, and must be directed to specific training and racing objectives.

A 5000m runner, for example, wanting to develop his aerobic endurance could do something like 5 x 3 minutes at 5K pace, with 45 to 90 seconds jog. The same athlete wishing to improve his anaerobic ratio could attempt a session of 30 x 30 seconds at 5K pace, with 15 to 30 sec-

Finally, I would like to describe two particular "controlled" fartlek sessions which keep the athlete mentally alert and provide beneficial physiological and psychological responses, as well as an abundance of team spirit and camaraderie among members of a training group. These are:

Session A: 10 seconds fast (15 secs iog) + 20 seconds fast (30 secs iog) + 30 seconds fast (45 secs jog) + 40 seconds fast (60 secs jog) + 50 seconds fast (75 secs jog) + 60 seconds fast (90 secs jog) x 4 sets. (Note: the recovery jog in each instance is the duration of the fast effort x 1.5)

Session 2: 6 x 10 seconds (5 secs between repetition/1 minute at end of set) + 3 x 20 seconds fast (10 secs between repetitions/1 minute at end of set) + 2 x 30 seconds fast (15 seconds between repetitions/1 minute at end of set) + 40



Photographs by Maurice McDonald

seconds fast (20 secs jog) 20 seconds fast (1 minute jog) + 50 seconds fast (25 secs iog) 10 seconds fast x 3 sets with 3 to 5 minutes between sets. (Note: Each set involves a total of 60 seconds fast running. Recoveries are 0.5 the duration of the fast repetitions. Recoveries between sets are 3 to 5 minutes.

DEREK PARKER'S SCHEDULES

EXPERIENCED

Week One

Sunday: 90 to 120 mins cross country running. Monday: 75 to 90 mins fartlek inc 10 x 2 mins fast with 2 and 1 min iog recovery (or session described in above article) Tuesday: 5 to 8 miles steady. Wednesday: 10 miles steady. Thursday: 5K session (16 x 300m with 20 secs recovery + 1 x 200m full effort 90 secs after final 300). Friday: 30 mins easy. Saturday: 12 to 15 miles steady. Morning runs, if done, should be of 20 to 30 minutes duration 4 to 6 times weekly.

Week Two

Sunday: As Week One. Monday: 75 to 90 mins fartlek inc. 12 x 90 secs fast with 90 and 45 seconds jog recovery (or session from article). Tuesday, Wednesday and Friday: As Week One. Thursday: 5K session (6 x 800m with 45 seconds recovery + 1 x 200m 90 secs after final 800). Saturday: Race or 12 to 15 miles. Morning runs as Week One.

Week Three

Sunday: As Week One. Monday: 75 to 90 mins fartlek inc. 40 x 30 secs fast with 45-30-15 secs jog recovery respectively (or session from article). Tuesday, Wednesday, and Thursday: As Week One. Thursday: 3K session (8 x 400m with 20 to 30 seconds recovery + 3 x 150m full effort with 250 metres jog recovery starting 90 secs after final 400). Saturday: 12 to 15 miles steady. Morning runs as Week One.

Week Four

Sunday: As Week One. Monday: 75 to 90 mins fartlek inc 20 x 45 secs fast with 60-45-30 secs jog (or session from article). Tuesday, Wednesday, and Friday: As Week One. Thursday: 5K session (5 x 1000m with 40 to 60 secs recovery with 1 x 200m full effort 90 secs after final 1000). Saturday: Race or 12 to 15 miles steady. Morning runs as Week One.

CLUB ATHLETES

Week One

Sunday: 75 to 120 mins cross country running. Monday: 60 to 75 mins fartlek inc 10 x 1 minute fast with 1 and 2 mins jog recovery respectively (or session from article). Tuesday: 20 to 30 mins easy. Wednesday: 6 to 10 miles Thursday: 5K session (16 x 300m with 30 secs recovery + 1 x 200m full effort 90 secs after final 300). Friday: Rest or 10 -15 mins jog. Saturday: 8 to 12 miles steady. Morning runs, if done, should be restricted to 20 to 30 mins easy running 2 to 3 times a week.

Week Two

Sunday: As Week One. Monday: 60 to 75 mins fartlek inc 8 x 90 secs fast with 105 and 75 secs jog recovery respectively. Tuesday, Wednesday, and Friday: As Week One. Thursday: 5K session (6 x 800m with 60 secs recovery + 1 x 200m full effort 90 secs after final 800). Saturday: Race or 8 to 12 miles steady.

Week Three

Sunday: As Week One.

Monday: 60 to 75 mins fartlek inc 20 x 30 secs fast with 45-30-15 secs, jog recovery. (or session from article). Tuesday, Wednesday, and Friday: As Week One. Thursday: 3K session (8 x 400m with 30 to 45 secs, recovery + 3 x 150m full effort with 250m log recovery starting 90 secs after

Week Four

Monday: 60 to 75 mins fartlek inc

Saturday: 8 to 12 miles steady.

Morning runs as Week One.

Sunday: As Week One.

15 x 45 secs fast with 75-60-45 secs jog recovery (or session from article) Tuesday, Wednesday, and Friday: As Week One. Thursday: 5K session (5 x 1000m with 60 to 120 secs recovery + 1 x 200m full effort 90 secs after final Morning runs as Week One.

Paulo wins race, but Hammy, Brian and Graham

are the local heroes



Even Dave
Moorcroft feels
the pace as he
chases the
exotic-looking
Bill Bedell of
Telford.

THE winner of the inaugural Sun Life Great Race was Paulo Catarino of Portugal, who collected prize money of £35,000 for his not inconsiderable efforts, writes Jason Clark. Twenty six year-old Catarino completed the 230 mile, 20 stage, race in the incredible time of 18-32-43.

Consistency was the key to the event, illustrated by the fact that Catarino did not win a single stage over the three weeks of the race. The deciding factor in his triumph was that he finished no lower than eighth on any given day.

Delmir dos Santos, the 24 year old Brazilian running for the American Boulder Road Runners Club took the green vest for overall points winner. His colossal total of 10 stage victories ensured his success.

The first four stages of the race were dominated by 43 year-old Kenyan Kipsubai Kosgei, if not always for the right reasons! Although he won all three Scottish legs he self-destructed when he was seen to strike dos Santos on the fourth stage from Gretna to Carlielo.

The starting field numbered 107 when the race got under way in Glasgow on September 2. By the day of the final Westminster stage only 82 runners remained. Many of the "big" names withdrew before the finish, including Mike McLeod, John Graham, Fraser Clyne

(who was supposed to write a diary of the event for Scotland's runner), Steve Brace, Gerry Kiernan and Dave Moorcroft.

In the team contest, the lead changed hands many times before finally the Boulder outfit took the title.

Hammy Cox, representing Red Counties AC, finished 18th, the highest placed Scot and the third Briton. Brian Kirkwood (UK Elite) ended 38th with Graham Crawford (Wolverhampton & Bilston) finishing in a highly creditable 58th, after entering the event at the last minute.

After recovering, Graham said: "It was a first class event, which was highly professional in its organisation - especially considering this was the first of its kind.

"The word most used by competitors when describing the event was "fascinating". Both your own performance and the changes in position up front made it constantly interesting," he said.

With the bulk of the race being run at a phenomenal sub-five minute mile pace, it was not surprising many athletes didn't last the pace. However, Graham found that despite the rigours, the most common reason for withdrawing was bad blisters.

"The race proved that many runners underestimate their powers of recovery," commented Graham Crawford.

As for his personal performance, Crawford was more than delighted. "I didn't intend to run, but as it got nearer I was bitten by the bug and it was a case of what the hell" in the end."

The Springburn Harrier's worst moments occurred - ironically - in the Scottish stages when he experienced pain in his thighs.

"By stage 4 (Gretna to Carlisle) I was unsure as to whether I would last one mile never mind the 12.8!" he says.

Crawford had only one or two minor criticisms. "The organisers may have slightly underestimated the amount of back up needed in a race of this size. Masseurs and physios are essential in a competition of this duration", he said.

"Also, you often got the impression that 99% of the locals didn't realize what was going on. Perhaps more emphasis could be put on publicity next time."

As for prospective entrants for next years race, Graham had some advice.

"A period of sustained road running prior to the event is essential, aiming for at least 80 miles per week at sub six minute pace", he said "I would certainly recommend the event to any athlete. It is certainly something you should experience."

Scotland's Runner November 1990

Calderglen Harriers

David Thomas charts the guide rise of East Kilbride's breakaway club.

Photographs by Maurice McDonald. CALDERGLEN Harriers were formed in the Autumn of 1985, with many of its original members (attracted into the sport by the marathon boom) joining after a split from East Kilbride AAC. The road runners (track wasn't mentioned at first) affiliated with the East Kilbride Sports Club which has long standing sections like rugby, tennis and cricket making up its main body. Facilities proved excellent in all aspects and the new Harriers section quickly proved its importance as part of the overall scene and settled in well.

In Calderglen Country Park we have an official Peace Mile, which is the only recognised country one in Scotland. It is worth

mentioning here that Calderglen got its name following a democratic vote in competition with Calderglen Cuckoos and East Kilbride Harriers.

A club coach was needed, and after being elected Jimmy Moore took up the position with enthusiasm. Since his election, other coaches have been trained - Ramsay Sloss, Alan Munro, Bob Mair and Marion Davidson. All are actively involved at present.

A new race, the Jimmy Moore Trophy (15K distance) was held the first year and, with an eye to the future, a space was left on the cup for the word "memorial"! In these early days the club concentrated on good quality training and quickly built up a reputation on the running scene. A good club run in the Autumn relays and a notable position in the Scottish Cross Country

Championships in February 1986 meant selection in the very prestigious Edinburgh to Glasgow Road Relay. Unfortunately, the lack of depth in the team was highlighted when the first team finished 21st out of the very good 22 teams who entered. Valuable experience was gained.

In 1991, Calderglen Harriers will host the National Six Stage Road Relay for the third time. This is testimony to the hard work and dedication put in by many of the members who may not be





running in the first team but built up the club's reputation in many ways. Men such as Ramsay Sloss, Bobby Stewart, Jim Daly, Gerry McGadey, Norman McKenzie and Alan Munro to name only a few.

The club has characters too, who brighten up dull days.

Alan Munro is a very cheery fellow and keeps us all going with his changing room banter.

David Watt, who is returning after an injury, has also been an inspiration to all; he had a marathon run of international class at Glasgow in 1986, clocking a time of 2 hours 20 minutes. David ran for Scotland in the Livingston Half Marathon, and came second in the Bridgend Marathon (Wales, 1987) in a' time of 2-26, also running for Scotland.

The club has other good club runners and depth in men like Alan McLellan, Tommy Walker, Roddy Shanks, Alex Muir and the Johnston brothers, Raymond and Bud. We have picked up several other good runners since our birth. Charlie McDougall (who won the Motherwell Marathon) Euan Wilkinson, (a very good middle distance runner) and Alan Derrick (who seems to be getting faster each racel).

In Bud Johnston we have the 1989 Scottish triathlon champion and currently the most successful triathlete in Scotland. Bud returned earlier this year from New Zealand, where the triathlon was demonstrated for the first time at the Commonwealth Games. While there he trained with John Walker and legendary coach Arthur Lydiard. Bud and Raymond (his biathlete brother) built up their training towards the Highland Cross 1990, a long distance two stage charity event. They finished third. Our club enjoys tremendous friendship with the local triathletes who train with us on occasions.

Building in depth, the club began to get noticed in the winter of 1988-89 when it placed fifth in the West District Cross Country Relay Championships, and put in a fine performance in the Scottish Championship. The club captain inspired an 18th position once again, and secured an Edinburgh to Glasgow Road Relay place.

During the first three years of the club's existence strong

teams have been sent to the Glen Fruin 15 Mile Road Race, winning the team prize on each occasion. In one race at Helensburgh, the club had the first four runners, (David Watt, Tommy Walker, Raymond Johnston and Alan McLellan).

Season 1989-90 was a breakthrough for the club's first team. They started with a very respectable fifth place at the Kilbarchan Road Relay and then followed that with an outstanding third position in the McAndrew Relay. The first team consistently finished in the top 12 of all the national events. The season finished on a high note for the first team, when they were presented with the most meritorious team performance for their 12th position in the Edinburgh to Glasgow Road Relay Race! A very proud and happy first team were allowed a drink (a half a beer each) on that evening, and it will take something special to top that day!

Recently, the club has built up a very good young track squad under the guidance and experience of Ramsay Sloss. The squad is put through its paces regularly at the East Kilbride athletics track beside the John Wright Sports Centre.

The opening of this track last year meant that our club could integrate track training with road running. The youngsters (lan Livingstone, Martin Dale, Alan McDonald, Blair Mathews and Stephen Fleming) under Robert Mair have been putting in some impressive track performances. Livingstone has improved immensely, closely followed by McDonald and Mathews.

The club reintroduced the Lanarkshire 10 Mile Road Race Championship on September 2, and we are also the hosts of the East Kilbride Primary Schools Cross Country which consists of two laps of the peace mile. This race was initiated by a local primary teacher, Audrey Donnelly of Glasgow AC.

The women's section of the club meet on a Tuesday night, and although a small section are keen. A recent addition is Ginny Pollard, who represented Scotland at the British cross country trials at Bellahouston Park. Ginny is also the Scottish women's triathlon champion, and is worthy of a place in the men's team!

Tuesday nights seem to be ideal for anyone young or old

thinking of starting a running career. Alan Munro will be more than delighted to introduce aspiring Allister Huttons as he is actively involved with the very young runners and later in the evening caters for the "fun" runners (i.e. joggers). Anyone wishing to come along is more than welcome (6pm youngsters; 7.30pm adults).

One man who has been known to write the occasional article to our own bulletin (the Oyster Catcher) and to this magazine is Alex Muir. Alex, at the age of forty plus, is an inspiration to all club members as he continues to better his personal bests (demolish would be a better word) at every race he runs, and is living proof that dedication and hard work equals improvement and results. Alex is also the present secretary of the Scottish Veteran Harriers Club.

The club has a regular outing to Brampton for their 10 mile road race championships which is run from Brampton to Carlisle, and this year will be our sixth in a row. Another annual event is the Islay Half Marathon, where the club have the opportunity to have a long weekend away and enjoy a few drams!

The club is determined to go from strength to strength and after his recent victory in the Motherwell Half Marathon, first team captain Alan McLellan is eager to drive on the troops to another successful season to better, or equal, last year's. The outlook looks bright with David Watt back in full training and Charlie McDougall, barring work commitments, showing his worth as one of the country's top veterans.

The club has a few enthusiasts who, when time allows, partake in some hill races. Men like Alastair Begg, George Dick, Gordon Mennie, Robert Dewar, John Young, Ray McDonald and Jimmy Stewart have done really well in races like the Carnethy Hill Race, Ben Lomond and Ben Nevis, Two Breweries, Moffat Chase and the Stuc a' Chroin. All the runners listed above would make any club proud to have them in their ranks.

One recent idea (thought up by Alan Derrick and Charlie Steven), was the introduction of our bi-monthly news magazine based on articles written by club members, and stories in and around the running scene. The current issue will only be the third and the new "baby" is beginning to take off with more and more articles being submitted to the editorial board (Alan Derrick, Charlie Steven, Alister Begg and Archie Paterson). Current stories are varied in depth and content (humour, races past and present, news, disco items, the veteran scene etc).

Since their inception, Calderglen Harriers have strongly emphasised that the club caters for runners of all standards and abilities. On training nights packs are frequently organised so that runners of similar abilities run together, which helps build up a camaraderie amongst runners.

Anyone interested in joining us and running seriously, or for fun, will be made welcome by all current club members. Those Calderglen Harriers at present have attained a level of fitness they never thought would be possible and have "discovered" races they never previously knew existed throughout the racing calendar.



	Euro-Juniors	5	1	ntermediates	s	37.06	Discus Helen McCreadie	Dum	36.66	Discus Julie Robin	Hel
						34.70	Aline Cross	Ork	31.56	Eleanor Garden	Pit
	100m			100m		31.42	Stephanie Robin	Hel	30.46	Nicola Robertson	EWM
12.12w	Alison Edmonds	IH	12.03w	Lorraine Nicholson	GAC	31.00	Heather Murray	Hel	29.64	Louise Thomson	EWM
12.45w	Lorna McCulloch	Pit	12.2w	Katrina Leys	Ab	30.58	Tracy Johnstone	MBI	28.52	Valerie Brett	Arb
12.49	Colette Hynd	Pit	12.4	Kirsty O'Donnell	Kirk						
	500000000000000000000000000000000000000		12.4w	Elaine Julyan	Ayr		Javelin			Javelin	
	200m		12.5	Corrie Butler	Ab	42.60	Lorna Jackson	Tay	32.22	Wendy McFarlane	Mon
24.9w	Leigh Ferrier	GAC	12.5	Louise Paterson	Ab	39.30	Karen Elliott	Carl	30.80	Margaret Wilson	Av
25.1	Alison Edmonds	IH				36.60	Nicola Sloan	Hel	29.02	Linsay Munro	EWM
25.7	Piona Calder	Irv		200m		35.90	Joanna Ablett	EWM	28.54	Elaine McQueen	IH
			24.7w	Louise Paterson	Ab	35.08	Flona Gehring	Ayr	27.58	Louise Thomson	EWM
	400m		25.28w	Lorraine Nicholson	GAC	13000	STATES CONTRACTOR	2007	4,50,000,000		
56,8	Leigh Ferrier	GAC	25.47w	Kirsty O'Donnell	Kirk		Heptathlon			Pentathlon	
57.4	Fiona Calder	lrv	25.80	Elaine Julyan	Ayr	3931	Louise Paterson	Ab	2867	Debbie Church	Ayr
57.6	Mary McClung	JWK	25.8	Katrina Leys	Ab	3648	Elaine Donald	Hel	2682	Sarah-Jane Ramminge	
	THE DANGE OF THE STREET	THE COURSE OF TH	2711			3612	Esther Sneddon	CR	2620	Linzie Kerr	GAC
	800m		Yarabid.	400m		3531	Ruth Irving	Wiv	2540	Fiona Allan	Rudd
2-11.69	Hayley Haining	NV	57.24	Louise Paterson	Ab	1000000	CONTROL CONTROL NO.		2458	Sarah Still	Ab
2-15.90	Catherine Cecil	EdU	58.41	Carmen Collins	Pit		Juniors				
2-17.4	Mary McClung	JWK	58.77	Susan Carrruthers	Ayr		Juliois			Girls	
	No. of the last of		59.1	Jane Wolfendale	VP		10000			O.I.I.	
	1500m		59.4	Suzanne Wood	EWM		100m			***	
4-20.74	Hayley Haining	NV		1000011		12.2w	Myra McShannon	GAC	Tipping III	100m	-
4-30.92	Katy Rice	Ab		800m		12.4	Linzie Kerr	GAC	13.16w	Emma Redhead	Carl
4-35.8	Vikki MacPherson	GAC	2-15.3	Alison Potts	GAC	12.4	Kathryn Gray	GAC	13.23w	Susan Black	Mel
			2-17.2	Louise Cormack	ESP	12.4	Sinead Dudgeon	ESP	13.25w	Carolyn Rose	Pit
	3000m		2-18.2	Lisa Davidson	Ab	12.67w	Sylvia Paterson	EWM		-200	
9-50.4	Hayley Haining	NV	2-18.7	Tracey Ryan	EWM				- 66-	200m	
9-50.9	Vikki McPherson	GAC	2-19.5	Kirsty Stewart	JWK	Printed Section	200m		27.7	Jennifer Reid	Ban
9.54.5	Katy Rice	Ab	1000000			25.2	Myra McShannon	GAC	27.8	Emma Redhead	Carl
	- 5		577.03:57500	1500m		25.8	Sinead Dudgeon	ESP	27.8	Natalie Hynd	Pit
			4-45.18	Alison Potts	GAC	25.8	Sylvia Paterson	EWM	27.8	Jane Dougall	FVH
	100mH		4-51.26	Louise Cormack	ESP	25.81w	Catriona Harris	GAC		The same of the sa	
14.18w	Sarah Richmond	Pit	4-53.7	Kirsty Stewart	JWK	26.0w	Karen Sutherland	EWM		800m	
14.47w	Lorna McCulloch	Pit	4-54.3	Yvonne Reilly	DHH		12222		2-22.5	Helen Steedman	Pit
14.67w	Jennifer Sharp	EW	4-55.1	Deborah McInally	VP		800m		2-24.0	Pamela Crawley	GAC
	5					2-09.6	Isabel Linaker	Pit	2-24.4	Jennifer Ward	Pit
				3000m			(Scottish Best)			***************************************	
	400mH		10-11.10	Louise Cormack	ESP	2-17.11	Gillian Fowler	GAC	100000	1500m	
63.5	Hazel Edgar	NV	10-42.7	Sandra Purdie	Tev	2-18.1	Lorraine Stewart	ESP	4-55.9	Pamela Crawley	GAC
65.9	Audrey Martin	ESP	10-45.3	Jillian Grams	Ab	2-18.7	Carolanne Boyes	GAC	5-06.4	Helen Steedman	Pit
66.6	Anne Steele	ESP	10-51.5	R Taylor	Strat	2-20.1	Debbie Church	Аут	5-06.7	Rebecca Durkin	NV
2.17			10-56.8	A Fraser	Fett		2000000			25 SHEET	
			1940000				1500m			70mH	
	High Jump		100,000	80mH		4-23.45	Isabel Linaker	Pit	11.63w	Kathryn McKenzie	Cai
1.801	Wendy Macdonald	Cam	11.3	Catherine Murphy	GAC	The state of the s	(LIK Best)		11.7	Stacey Moxey	EWM
1.67	Katherine Guthrie	ESP	11.69w	Shona Fleming	MSL	4-52.0	Kerry Stewart	JKK	12.02w	Claire Middleton	Ab
1.65	Sarah Richmond	Pit	12.03w	Suzanne Wood	EW	4-52.5	Eleanor Reid	NV			
1.65	Louise McMillan	EW	12.2	Lorna Silver	DHH	4-53.1	Lorraine Stewart	ESP	S 27 354	High Jump	
	THE THE RESTREET OF THE PARTY O	3,000	12.29w	Theresa Crosbie	MSL.	4-54.2	Karen McInally	NV	1.42	Donna Palmer	ESP
			-						1.40	Susan Goldie	JWK
	Long Jump		100	300mH		Mark	75mH		1.40	Lynsay Still	Ab
5.75	Caroline Black	EW	43.53	Catherine Murphy	GAC	11.24w	Sandra Gunn	Ab			
5.34	Sharon Wood	EW	OCTOBAL!	(Scottish Best)		11.33w	Catriona Burr	EW		Long Jump	
5.25	Heather McLeod	TH	44.2	Suzanne Wood	EW	11.72w	Sarah-Jane Ramminger		4.61	Donna Palmer	ESP
-	N. COMMONDATION OF STREET	14.4	44.87	Shona Fleming	MSL.	11.86w	Margaret McWhannel	Kirk	4.59	Jane Dougall	FVH
	Shot		45.4	Lorna Silver	DHH	11.9w	Zoe Howieson	GAC	4.57	Lyndsey Scullion	Kilb
14.29	Alison Grey	ESP	45.7	Shelagh Brown	Аут	Service of	The state of the s			Cutorian to publication (May 75%.
11.21	Gail Hornby (E)	MSL		CONCRETE		35000	High Jump		4	Shot	
10.71	Tracy Shorts	Kilb		High Jump		1.58	Julie Reid	Kil	10.62	Catherine Garden	Pit
100	Tracy and		1.74	Hazel Melvin	Tro	1.58	J Brume	StL	10.47	Navdeep Dhaliwal	GAC
			1.70	Joanna Ross	Kil	1.56	Linzie Kerr	GAC	10.45	A Harbison	MSL
	Discus		1.65	Linda Gordon	GAC	1.56	Sarah-Jane Ramminger	Arb	-	3.V.	
46.76	Gail Hornby (E)	MSL.	1.63i	Katrina Dyer	Ayr	1.56	Jennifer Dale	Ayr	1000	Discus	
44.70	Alison Grey	ESP			1	1.56	Mhairi Ward	ESP	35.68	Catherine Garden	Pit
44.70	(Scottish Best)	1.05		Long Jump		1.77			-	(UK Best)	
37.46	Heather MacLeod	IH	5.97	Ruth Irving	Wir		Long Jump		29.76	Navdeep Dhaliwal	GAC
27/90	THE WHITE PROCESSOR		5.52	A PLEASURE OF PROPERTY AND ADDRESS.	MSL	5.62w	Linzie Kerr	GAC	26.32	Lindsay Ross	NV
	Javelin		10000	Carolyne Pritchard			(5.56 - eq. Scot Best)		-		-
20.00		EW	5.51	Shona Fleming	MSL	5.41	Fiona Allan	Rudd		Javelin	
56.96	Nicola Emblem	EW	5,39	Catherine Murphy	GAC	5.27	Sarah Still	Ab	26.40	Heather Lang	CR
50.40	(Scottish Best)	MOL	5.31	Melanie Somerville	MSL	5.23	Mhairi Ward	ESP	24.80	Piona Hunter	Arb
52.48	Gail Hornby (E)	MSL	1			5.15	Sarah-Jane Ramminger		22.62	Kelly Sloan	Hel
37.50	Tracy Shorts	Kilb		Shot		200000		12000	22.02	rectly bloan	1.161
			11.82	Lynne Barnett	PSH		Shot			Pentathlon	
	Hentall-ton		10.61	Stephanie Robin	Hel	11.47	Julie Robin	Hel	2200		per.
4170	Heptathlon	Direct		DESCRIPTION OF THE OWNER.		10.56	Eleanor Garden	Pit	2289	Donna Palmer	ESP
	Evelyn Grant	Pit Pit	10.21	LeighAnn Cunning'm		10.25	Kim Cassidy	ESP	2261	Jennifer Reid	Ban
4130		1718	100.00	Two our Labourtons	MBI		THE RESERVE OF THE PARTY OF THE		1984	Property and the state of	W-10-16
4017	Sarah Richmond Louise McMillan	EW	9.75	Tracy Johnstone Raka Samson	WIDE	9.57	Lesley Herd	ESP	1304	Denise Smith	Ann

11.68w	100m Aileen McGillvray	EWM
11.68W 11.83	Janis Neilson	EWM
11.83 11.83w	Melanie Neef	GAC
11.83W 11.97W	Morag Baxter	GAC
11.97W 12.03W	Lorr'ne Nicholson	GAC
12.03W	Lorraine Dick (12.0)	MSL
5-11-1-11-11-11-11-11-11-11-11-11-11-11-	Alison Edmonds	Inv
12.12w	Dawn Kitchen	EWM
12.13w		NV
12.17w 12.27w	Ruth Girvin (12.1) Donna Brown (12.2)	EWM
	200m	
24.06w	Melanie Neef	GAC
24.22w	Ruth Girvin	Nith
24.23w	Janis Neilson	EWM
24.32	Aileen McGillivray	EWM
24.37	Lorraine Dick	MSL
24.4	Dawn Kitchen	EWM
24.6	Gillian McIntyre	MSL
24.7w	Louise Paterson (I)	Ab
24.8	Pat Divine	ESP
24.8	Dawn Flockhart	EWM
	400m	
53.25	Dawn Kitchen	EWM
54.27i	Gillian McIntyre	MSL
54.9	Pat Divine	ESP
55.7	Susan Bevan	Ess
56.2	Linsey Macdonald	Pit
56.5	Fiona Meldrum	GAC
56.8	Leigh Ferrier	GAC
57.19	Denise Knox	Mid
57.24	Louise Paterson (I)	Ab
57.3	Mary Anderson	ESP
	800m	
2-02.78	Yvonne Murray	ESP
2-04.43	Lynne McIntyre	GAC
2-05.63	Susan Bevan	Ess
2-07.0	Laura Adam	Ste
2-07.221	Linsey Macdonald	Pit
2-08.2	Janet Stewart	GAC
2-09.2	Karen Hutcheson	ВНМ
2-09.6	Isabel Linaker (J)	Pit
2-10.2	Mary Anderson	ESP
2-10.36	Sheila Gollan	Inv
	1500m	
4-07.68	Yvonne Murray	ESP
4-08.02	Liz McColgan	DHH
4-08.88	Lynne McIntyre	GAC
4-10.28	Karen Hutcheson	ВНМ
4-18.66	Laura Adam	Ste
4-19.09	Rhona Makepeace	Lei
4-20.56	Susan Bevan	Ess
4-20.74	Hayley Haining	NV
4-23.45	Isabel Linaker (J)	Pit
4-23.45	Elspeth Turner	GAC
	3000m	
8-39. 46	Yvonne Murray	ESP
0 40 44	Liz McColgan	DHH
8-43.14	LIZ MICOOIGAN	-

9-12.70	Laura Adam	Ste	1.65	Linda Gordon (I)	Gla
9-23.891	Susan Crawford	GAC	1.65	Sarah Richmond	Pit
9-35.22	Annette Bell	Lin	1.65	Louise McMillan	EWN
9-39.21	Jo-Ann Scott	Dar		G 5	
9-41.06i	Susan Bevan	Ess		Long Jump	
9-41.8	Carol-Anne Bartley	GAC	6.08	Karen Hambrook	Ash
9-43.37	Sandra Branney	GAC	5.97	Ruth Irving (I)	Wir
			5.95	Lorraine Campbell	EWN
	5000m		5.84i	Janice Ainslie	EWN
16-05.6	Laura Adam	Ste	* 5.75	Caroline Black	EWN
16-20.59	Karen McLeod	ESP	5.62w	Linzie Kerr (J)	GAC
17-08.6	Louise Vandyck	Ess	5.52	Jackie Gilchrist	Pit
			5.52	-Car'ne Pritchard (I)	MSL
	10,000m		5.51	Shona Fleming (I)	MSL
32-23.56	Liz McColgan	DHH	5.50	Halycon Wills	CR
34-24.71	Karen McLeod	ESP			
36-25.0	Janette Stevenson	FVH		Shot Putt	
36-41.84	Marie Duthie	Fra	14.29	Alison Grey	ESP
	mario Dunne	2.00	13.24	Helen Cowe	Ab
	Marathon		13.20	Mary Anderson	ESP
2-36-42	Sheila Catford	Lds	12.04	Alison Dutch	EWN
2-47-24		Hou	11.82	Lynne Barnett (I)	PSH
	Lynn Harding	GAC	11.62	Andrea Rhodie	MSL
2-54-15	Rosalind Kay	Giff	11.28	Claire Cameron	GAC
2-55-23	Renee Murray	GIII	11.21	Gail Hornby (Eng)	MSL
	10011		11.12	Shona Urquhart	EWN
02/22	100mH		10.84	Karen Neary	EWN
13.76w	Julie Vine	Bou	10.84	Karen Neary	EAAL
13.86w	Claire Reid/Doris	EWM		Discus	
14.18w	Sarah Richmond	Pit	10.00		**
14.43	Catherine Murphy (I)	GAC	46.86	Helen Cowe	Ab
14.47w	Lorna McCulloch	Pit	46.76	Gail Hornby (Eng)	MSL
14.67w	Jennifer Sharp	EWM	44.70	Alison Grey	ESP
14.76	Jane Low	GAC	43.26	Karen Neary	EWN
14.94	Shona Urquhart	EWM	42.98	Claire Cameron	GAC
15.4	Tracey Kerr	Mel	41.28	Lesley Adams	Pit
15.4	Jackie Gilchrist	Pit	40.36	Susan Freebairn	GAC
			37,46	Heather Macleod	Inv
	400mH		37.20	Alison Hammerton	MSL
58.51	Julie Vine	Bou	37.06	Helen McCreadie (I)	Dum
60.77	Gillian McIntyre	MSL			
61.01	Sarah Booth	EWM	1	Javelin	
62.3	Jane Low	GAC	56.96	Nicola Emblem	EW
62.8	Moira McBeath	Cai	52.48	Gail Hornby (Eng)	MSL
62.9	Suzanne Wood (I)	EWM	45.08	Janell Currie	MSL
63.32	Alison Brown (Eng)	EWM	42.60	Lorna Jackson (I)	Tay
63.5	Hazel Edgar	NV	41.18	Halycon Wills	CR
65.3	Margaret Southerden	WYC	40.32	Shona Urquhart	EWI
65.5	Lorna MacDonald	Inv	39.86	Karen Savill	ESP
03.5	Loma MacDonaid	mv	39.32	Mary Anderson	ESP
	Web lune		39.30	Karen Elliott (I)	Car
1.001	High Jump	0	37.42	Diane Sutherland	EWI
1.80i	Wendy MacDonald	Cam	37.42	Diane Somenano	F441
1.80	Rhona Pinkerton	GAC		Hantothian	
1.75	Karen Hambrook	Ash	4000	Heptathlon	1400
1.74	Hazel Melvin (I)	Tro	4392	Isobel Donaldson	WR
1.70i	Jackie Gilchrist	Pit	4331	Shona Urquhart	EWI
1.70	Caris Henderson	EWM	4326	Jackie Gilchrist	Pit
1.70	Joanna Ross (I)	Kil	4130	Evelyn Grant	Pit
1.67	Katherine Guthrie	ESP	4017	Sarah Richmond	Pit
1.65i	Janice Ainslie	EWM	3929	Louise McMillan	EW

Rankings compiled by Arnold Black

Bathgate celebrates its first



Jason Clark travelled to Bathgate to sample its unique facilities.



THE unique Bathgate Sports Centre celebrates its first anniversary early in November. The centre, including Europe's first indoor 13-lane 100m sprint track, is roofed under what is known as the "Rubb" building, and is augmented by the "Spiketop Decathlon" outdoor track in the Balbardie Park of Peace.

Douglas Forman, of West Lothian District Council's leisure and recreation department, told me:

"The centre has proved to be popular not only with the local people, but also with the sports people who come from quite a distance to use the facilities. There is a lot of interest from Edinburgh, Falkirk, Stirling and from all around the Central Belt. Bathgate Amateur Athletic Club use the facilities regularly and we take bookings from various other clubs and associations around the country.

"We also have a highly successful indoor bowling club, and our fitness schemes are very, very well attended and the health suite goes like a fair," Douglas Forman continued.

The chance to train in the winter in a comfortable environment is obviously a huge attraction. The Rubb building has proved to be ideal for sprinters, 110m hurdlers, long and triple jumpers, high jumpers and pole vaulters in this respect. Add to this an Olympic weight room and a high-tech room with various state-of-the-art equipment, and you have a highly desirable facility.

This is not to say that West Lothian District Council are resting on their laurels. As Douglas Forman explains:

"We especially programmed the prime time slots for athletics. However, we would be keen to see more use made of the athletics facilities - there is time available. I can assure any club wishing to travel to Bathgate that they would be made more than welcome."

The centre found favour during the Special Olympics with the many athletes who utilised its myriad of amenities to the full.

Also many of Scotland's top athletes train there regularly.

Meantime extension plans are underway. "We are extending the facilities indoors. A third fully equipped fitness suite has been set up recently. Outdoors we are putting down a £500,000 synthetic grass pitch which will be used for hockey and football," says Douglas Forman.

"One must remember that we are dealing with a sports park and not just a sports centre. It is now a question of getting the building fine tuned in order to make the best use of it," he said.

By anyone's standards Bathgate Sports Centre has had an excellent first twelve months. Douglas Forman states, "The success is down to the fact that the centre has not been attended by one particular section or age group in the sporting community. Instead the wide range of facilities has attracted a broad spectrum of age ranges across both sexes. Every activity has gone down well."

He went on, "West Lothian District Council are rightly proud of the faith they put into the building.

"This faith has been borne out by the good experiences of the first year."



ISIS

Wish to congratulate Bathgate Sports Centre on their first birthday

SUPPLIERS OF:

Sunbeds - Biocycles - Toning Tables-Bioclimbers - Treadmills - Saunas -Excecise Equipment - On Site Training Finance & Leasing Facilities

> ISIS LEISURE GROUP Great Central House, Station Approach, South Ruislip Middlesex HA4 0JA Tel: 081-842 4808 Fax: 081-841 2191

Fit for middle distance

Dr Paul McIntyre, of the Lifestyle Sports and Health Consultancy in Glasgow, uses his athlete's knowledge to guide other athletes through various fitness tests.

THE scientific basis of endurance running, pioneered by the physiologist Astrad in the 1950's, still commands much interest in research institutions today.

However, athletes who volunteer for such projects generally do not receive practical advice on modifying training programmes to enhance their performance. Furthermore, the interface between the scientist, the coach, and the athlete is poorly developed especially in this country; this can only inhibit the development of athletics.

A small number of sport and health consultancies are now offering fitness testing and scientific evaluation of training programmes on a commercial basis. By employing specialists in the field of sports medicine who have a firm understanding of the practical aspects of training, such consultancies are attempting to create this interface between science and sport.

Based on the fitness test result, in close association with the coach, certain modifications to existing schedules will be suggested. It must be appreciated that several fitness tests exist. To enable athletes to choose a test appropriate to their specific requirements, I have summarised the options below, and expressed my opinion on their suitability.

Maximum Oxygen Uptake (Vo2 Max)

THIS is usually performed in a laboratory and requires cumbersome equipment. It measures the maximum volume of oxygen in mliters/Kg/min (780 mls/Kg/L exceptional) that an athlete uses during treadmill or bicycle exercise. It is a maximal test and therefore requires great motivation from the athlete. It relects the ability of an athlete to perform endurance events, but it is difficult to construct training programmes on the basis of this result. It is therefore of interest to know one's Vo2 Max, but it has limited practical application.

Lactate Testing

THE proverbial "sea of lactic acid" often coined by BBC athletic commentators is an experience most of us have experienced during training or competition. Lactic acid is produced by the muscles when the oxygen demand cannot be fully met by the cardiovascular system, and energy is

supplemented by the breakdown of certain fuels without using

This results in the formation of lactic acid which is implicated in the fatigue process. Measurement of blood lactic acid levels during running enable the exercise consultant to make certain recommendations regarding an athlete's training regime.

Obla Test (incremental speed)

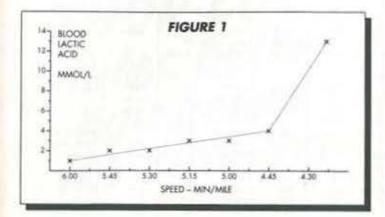
AS illustrated in figure 1, as the speed of treadmill running increases there is a steady increase in blood lactate levels to a point where a further increase in speed will result in a dramatic increase in blood lactate. This point has been termed the obla point, and has been the centre of much controversy in the science of exercise physiology.

It has been shown that if this point is determined using the same protocol in a number of athletes of varying abilities, then the value obtained is an excellent indicator of an athlete's ability. Furthermore, if an athlete trains for a proportion of his or her programme at a running pace corresponding to this point, maximum improvement in performance in both competition and treadmill test. However, such training must be part of a varied programme tailored to the individual strengths and weaknesses of the athlete.

The lactate level at which this obla point occurs varies from individual to individual; in some athletes it occurs at a level of 2mmol/1, while in others at 6mmol/1. The test therefore must determine the individual obla point. The value obtained also depends on which treadmill protocol is used, strenuous excerise prior to the test, and diet. Providing these factors are standardised, the test gives invaluable information to the exercise consultant to enable alterations to the training schedule. The lactate level is measured on a minute quantity of blood obtained finger or ear lobs prick.

Steady State Lactate Test

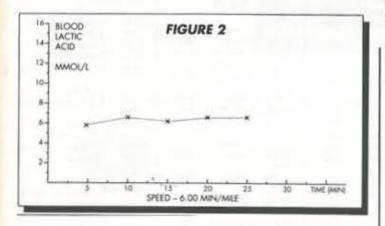
RATHER that use a protocol in which the running speed increases at regular intervals (usually four minute intervals) some exercise consultants prefer to set the treadmill at a constant speed and run the athlete for a set period of time, e.g. 30



minutes, and sample blood lactate at regular intervals. At low running speeds blood lactate remains constant thoughout the test The test is repeated on a different day at faster pace; this process is continued until a significant rise in lactate levels is measured. Training pace is then calculated.

Lactate Testing by the Trackside

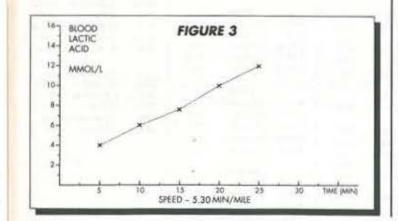
IT has been argued that physiological measurements during training represent a more realistic assessment of athletes' capabilities than artificial laboratory tests. However, there are a



number of problems associated with trackside measurements.

Firstly, portable equipment is required. Secondly, it is impossible to standardise weather conditions which will undoubtably affect the test results.

The athletes are required to run at a steady pace; time per 200m is the usual guideline; this requires accurate pace judgement. Finally, training pace is obtained by extrapolating



lactate values obtained from two runs of a set distance with a long recovery, at different running speeds to an arbitrary oblapoint (4mmol/1 for men, 3.7mmol/1 for women).

As previously indicated, there is individual variation in this point and therefore such assumptions are likely to cause significant inaccuracies.

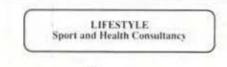
Lactate Testing Event Specific Sessions

IT is useful for 800-5000m runners to have blood lactate measured during a session which approximates to the demands of the event. Measurement of peak lactate levels after exercise can be used to monitor event fitness. This can be done using treadmill testing or at the track side.

For example, for an 800m athlete, a 600m time trial or running on the treadmill for two minutes, at a pace around 800-1000m race pace, would be appropriate.

IN SUMMARY, treadmill tests with standardised conditions can be used effectively to moritor the fitness of endurance athletes. With a well informed exercise consultant the results from such tests can be used to modify existing training to enhance performance. Trackside tests have a role to play but are difficult

Elite athletes generally have access to such facilities, but the emergence of sport and health consultancies hopes to offer this service at an affordable price to intersted club athletes. I view exercise testing as a useful adjunct to established coaching principals, not as a replacement.



Step up to

MAXIMUM PERFORMANCE

through

professional, comprehensive testing, analysis and advice



CLINIC

V Medical Evolution

Y Medical Diagnosis

£12

LIFESTYLE

V Sports Medicina

£10

* fitness Tests

Strength and Flexibility F Body Compositio

Aerobic/Anaerobic Endurance

FITNESS

APPRAISAL

Y Sports specific Loctore Analysis

V Dietery Analysis ▼ Individual Training Programmes ¥ Sports-specific Diets

T Report and Evaluation Weight Reduct Programmes

£40

£25

For additional information and/or appointme

£20

Lifewatch 5/6 Park Terrace 041-332 8010

Glasgow C3 6BY

	Junior		4.10 3.55	J Grant E Scott	Lass Hel	51.2 51.4	I Murray K Mackie	IH CPH	13.58 13.51	I Love A Mackenzie	Start - comment	4-54.0	D Casey	QVS
	7.500		3.30	D Fitzgerald	Pit	51.5	Jardine	FAC	13.31	D Tanner	Dumf	SUSSERV	80mH	W
0.00	100m	Acres	3.20	D Barnetson	IH					Manuacus and I		11.51	G Adams	Ayr
0.64w	D Galloway	Ayr				VENDER!	800m		82023	DT 1.5kg	22000	11.61	I Hamilton	CAC
10.7)	n co	D	I Lancas	LJ	OF REAL PROPERTY.	1-54.7	J Gill	Cam	43.84	E Lister	ESP	11.68	P Knapp	Ayr
	R Slater	Dun	7.10w	E Scott	Hel	1-55.16	C Young	CAC	41.36	R Birbeck	Hyn	11.94	C Frew	Harr
10.94)		****	(6.97)			1-56.7	D Halliday	She	40.78	A Harvey	Ayr	11.99	D Ablett	CPH
0.85w	D Clelland	FVH	6.62	M Hamill	CAC	1-57.2	R Hooton	DSM	39.94	K Kay	Stra			
11.3)	(4999)	(4)	6.62	C McDaid	Cam	1-57.9	C Nicholson	TS	38.44	K McCann	MCS		400mH	
	J Adams	Аут	6.57i	N Elliot	Hel							64.8	D Mont'mery	Cas
11.4)	52	100	(6.29)				1500m		1	HT 5kg		66.8	G MacLennar	n Cas
1.09w	S Brown	NV	6.44	I Fraser	Nai	3-55.5	F McNeil	Lee	60.62	C Edgar	FVH			
11.4)			-0.00			4-02.53	C Nicholson	TS	54.42	G Kerr	Bed	100	HJ	
	10430400		overono.	TJ		4-03.5	D Halliday	She	49.50	D Minty	Pet	1.86	S McKinley	Pit
2200	200m	(4.65%)	13.01	C MacDonald	ESP	4-04.3	C Greenh'gh	VP	48.18	E Lister	ESP	1.73	M McDougal	HILL
21.3	D Galloway	Ayr	12.93	S McGeoch	Kilb	4-04.67i	M McBeth	Cam	46.40	S Bunker	Hel	1.70	A Thomas	Bel
21.89w	D Clelland	FVH	12.88	S Whyte	Gol	(4-19.5)						1.67	P Gill	Glas
(22.3)	-		12.81	I Fraser	Nairn	130-5130-5130-				JT 700g	27770116	1.66	C Noble	Fras
22.13w	R Slater	Dun	12.76	A Robb	Hut	5795851	3000m		55.04	R Birbeck	Hyn			
(22.5)			THE SHOWN			8-44.79	M McBeth	Cam	50.16	P Greenhill	Arb		PV	
22.16w	J Adams	Ayr	-0.055	SP 6.25kg		8-50.54	F McNeil	Lee	47.02 (B)	N Dempsey	MCS	2.70	5 McLean	QVS
(22.89)			14.91	N Mason	FAC	9-02.80	M Kelso	Pit	46.88	J Wishart	EA	2.60	A Wood	QVS
22.48	P Shannon	BYM	13.57	A Bryce	Glen	9-05.26	D Fother ham	CAC	46.78	H James	Mon	2.60	P Clark	QVS
			13.39	J Grundy	Hel	9-05.68	J Gowans	TAC	10000000	PROGRAMMATICS	CONTRACT	2.60	R Dunn	EA
2272	400m	erene e	12.48	M Bowman	Dum		Access to		1355003	Octathlon	769/0	2.50	F Anderson	Bee
48.4	A Savage	CPH	12.28	R Baird	FVH		2000ms/c		5168	R Birbeck	Hyn	1.500000		
19.08	P Shannon	BYM				6-15.0	M McBeth	Cam	4757	I Murray	IH	1908.000	LJ	
49.1	G Simpson	Cam		DT 1.75kg		6-15.8	D Hards	IH	4645	I Dickie	Аут	6.19	S Milne	Ork
49.54	I Pritty	CAC	42.16	N Elliot	Hel	6-21.4	E Calvert	Ab	4161	A Kemlo	Liv	5.79	M McManus	Han
49.6	I McGurk	CAC	40.32	E Scott	Hel	6-30.0	S Meldrum	Pit	4018	S Poutney	Moth	5.73	D Steel	Аут
	V-200		39.94	R Baird	FVH	6-31.3	M Gill	Cam				5.69	A Blackie	VP
322023	800m		39.94	P Crawford	PSH	CD 400						5.68	J Whannel	VP
1-52.3	J McFadyen	GGH	39.02	M Bowman	Dum		100mH			Boys				
1-53.6	I Campbell	Arb	39.02	A Mathieson	Len	13.99	A Tupman	ESP		,-		185	TJ	
1-53.90	A Kinghorn	ESP				14.04w	S Dillon	MBI		****		11.95	S Milne	Ork
1-54.02	G McDowall			HT 6.25kg		(14.2)			112.	100m	4000	11.91	A Blackie	VP
1-54.44	G Graham	VP	55.98	C Edgar (Y)	Sale	14.14w	I Dickie	Аут	11.2w	S Moir	Ayr	11.81	J Whannel	VP
	-		46.02	G Kerr (Y)	Bed	(14.20)		30	(11.3)	D.C.J. III.	Die	11.63	D Mont mery	
	1500m	A SALES	40.18	S Bunker (Y)		14.4	A Hambly	Cas	11.4	D Colville J Bragg	Pit MCS	11.40	K Kelly	Dou
3-51.5	I Campbell	Arb	38.48	D Barnett	PSH	14.4	I Murray	IH	11.4w (11.5)) bragg	MICS		25.4	
3-52.98	A Russell	CAC VP	34.00	E Oliver	IH		SECTION DUMB		11.5	S Ronald	PSH	The sec	SP 4kg	
3-56.6	G Graham	ESP	30.26	C McGrath	QVS	1 00259	400mH 2'9"	72555	11.69w	B Thom	FAC	12.37i	K Campbell	MY
3-58.261	A Kinghorn D Pritt	Har		100000000		57.4	D Hards	IH	(12.0)	D THOU	inc	(12.27)	Sacragado con	-
3-36.3/1	Diritt	LIME	722333	JT 800g	022	57.75	I Murray	IH	112.07			12.31	R Wilson	CR
	5000m		57.06	N Fearnley	Gle	57.8	O Brume	Fett		200m		12.16	G Ferguson	Law
14.37 77	M Campbell	CAC	54.58	J Grant	Lor	59.3	I Dickie	Ayr	22.44w	S Moir	Ayr	12.02	J Duffus	Kel .
	S Wright	Ab	54.42	P Crawford	PSH	59,35	M Milne	Cas	(22.6)	2000	2000	11.91	N Beaton	Pit
	S Wylie	Cam	53.78	BHILL	Cam		***		23.07w	J Bragg	MCS		TOTA ACL	
	N Freer	CAC	51.76	G Dingwall	She	* 000	HJ	www.co.	(23.7)	1		200.00	DT 1.25kg	***
15-38.5	A Moss	CR				1.931	R Birbeck	Hyn	23.19w	D Colville	Pit	35.16	K Campbell	MY
10-00.0	15 111000	- T	C400	Decathlon	***	(1.90)	W. W	and a	(23.90)		200	35.02	L Robinson	Dun
	2000s/c		6180	E Scott	Hel	1.90	P Birrell	Pit	23.73w	C Hopkins	CR	34.08	N Beaton	Pit
6-05.21		Ab	5303	S Greig	Str	1.90	A Malcolm	ESP	(24.0)	SCONESSING.	877	33.50	S Sneddon	TAC
6-07.42	A Russell	CAC	5050	J Grant	Lass	1.851	I Lind	Ab		D Harris	Аут	33.34	S Bremner	Nair
6-18.5	I Campbell	Arb	5031	N Elliot	Hel	(1.80)	C C	VP	(24.4)	20-27/25	33655		CONTRACT	
6-19.7	T Hely	VP	4752	K Pearson	CR	1.85	G Smart	4.6	CARGO TO			50.60	HT 4kg R Mackinnon	OW
6-21.51	R Crook	Pit					PV		10000	400m				
	44.444	0.00		Vaulte.		3.72		StAl	52.3	R Wilson	CR	31.70	A Shepherd	
	110mH 3'3"		1	Youths		3.40	R Craig K McNicol	CAC	53.17	D Colville	Pit	30.72	S Sneddon	TAC
14.54w		ESP	10000			3.20	S Gibson	CH	53.8	C Buck	MCS	28.02	J Law	QVS
15.2	D MacRae	MCS		100m		30575604.1			54.05	B Watson	Pit	20.02) Law	QVS
15.3	N Penny	DSM	10.70w	D Walker	ESP	3.00i	C Jones D Beaton	Ab	54.1	A Prophet	CAC		TT con-	
15.6	K Campbell	MCS	(10.9)		-	2.85	D beaton	Ab	-			48.14	JT 600g	wa
16.2	B Foster	DSM	11.0	C McRobert	StraA		44			800m		44.90	N Dempsey	MC
				C Allan	IH	7.70	LJ	CLAT	2-02.9	1 Tonner	JWK	38.98	S Wands	Doll
	400mH 3'0"		(11.3)	0770797979	1777	6.78	M Craig	StAl Ste	2-04.1	C Cleland	Cam	38.34	M Bytheway D Ablett	CrC
55.16	T Nimmo	FVH	11.09w	ILee	Stew	6.44	Lee		2-04.55	R Wilson	CR	14574 F W 35572		
55.6	N Taylor	VP	(11.2)	10.000		6.30	A Hambly	Cas FVH	2-04.7	J Douglas	MYM	37.64	B Thomson	Mor
56.4	D Wight	EA	11.1	CJoiner	Pit	6.29	J Gilbert		2-05.53	A Smith	Аут		Dantathlan	
56.8	D Hards (Y)	IH	10000	0.542.012	100000	6.13	A Tupman	ESP	70.020.04	100000000000000000000000000000000000000	0.06273	2722	Pentathlon D Ablett	Care.
57.5	O Brume (Y)			200m			777			1500m		2683		CPI- VP
70000	STATE OF THE PARTY	1000	21.79w	D Walker	ESP	14.07	P Birback	Lien	4-16.2	C Clelland	Cam	2553	J Whannel	
	н		(22.3)	40000000		14.071	R Birbeck	Hyn	4-17.2	D Carty	Bath	111/07/88/88/00	H Kerr	Ayr
2.15	D Barnetson	IH		C Allan	IH	(13.88)	MC	CAAT	4-19.00	I Tonner	JWK	2448	D Montg'ry	Cas
2.13	S Ritchie	Pit	(23.3)			13.53	M Craig	StAl	4-20.93	P Allan	Ayr	2436	C Morris	Sto
2.01	M McVie	CPH	22.7	C Joiner	Pit	12.98	S Waugh	Cam	4-21.9	S McKay	IH			
1.95	J Allan	CIH	22.8	C McRobert	StraA	12.73	A Hambly	Cas	30,000	D inicitaly				
1.95	S Hill	ESP	22.8	S Allan	Pit	12.68	D Ross	Mary		1500m s/c				
ATTENT:	5 1.101	No.	and the same of	a rainti	4.00	12.68	D Sabnis	Ban	4-36.5	K Daley	ESP			
	PV			400m			en et		4-36.90	S MacKay	IH			
			C. Carriero		101-	22.02	SP 5kg	4307	4-37.9	P Allan	Ayr			
4.35		Str	49.87	G Purves	131.2									
4.35 (4.00)	S Greig	Str	49.87 50.5	G Purves C Young	Bla	13.76	D Minty S Hayward	Pet Gala	4-46.2	M Anderson				

THOR·LO's miles better miles better engineered engineered for running.

THE UNIQUE SOCK THAT'S PADDED AT HEEL AND TOE

There's nothing to equal this revolutionary new sock from America!

Trade enquiries to Ardblair Sports (Importers) Ltd James St. Blairgowrie Perthshire. PH10 6EZ Phone 0250 3863

From most good sports shops, if your's has not yet stocked please show him this advertisement.

THOR-LO
GUARANTEE
your feet
will feel
better
or your
MONEY BACK

Johnnie Walker



Best wishes to Kilmarnock Harriers from their official sponsors

CHILDRENS' HEART RESEARCH NEEDS YOU!





Will you please help us reach our target of £750,000 in support of our world renowned Heart Research team's fight against Heart disease in Children.

If you raise £12.00 we will send you a Heart Research Medal.

If you raise £55.00 we will send you a beautiful Pewter Tankard.

If you raise £100.00 we will send you a FunFit Great Britain Trophy.

If you raise £1,000 we will send you a "Computerised Excercise Bike" for all you family.

These are a sample of the sponsorship awards available.

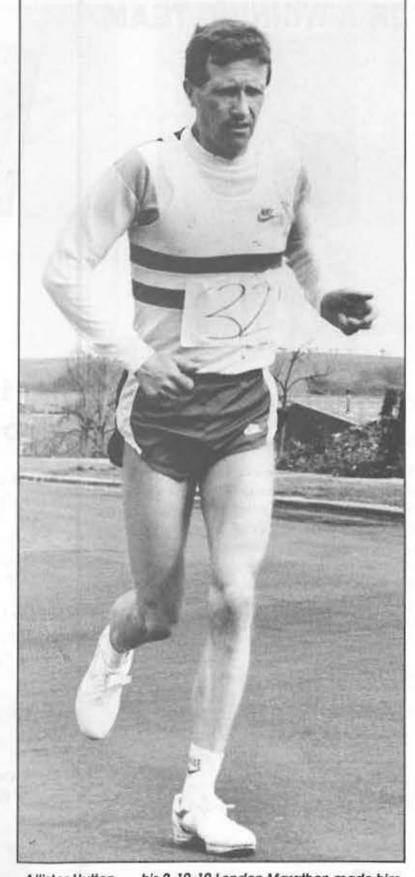
To support us please complete coupon below.

RUNNING FOR CHILDRENS' HEART RESEARCH I wish to help children with Heart disease.	Trust No. 282280
I am running in the	event on
Name	s/Miss STRUTH HEART RESEARCH TRUST, FREEDOST

Scotland's Runner November 1990

	100m	1		5000m	- 1		400mH	
10.39w	David Clark	СРН	13-25.63	lan Hamer (W)	ESP	51.9	Mark Davidson	
10.41w	Jamie Henderson	CPH	13-48.86	Peter McColgan (NI)	DHH	52.49	Malcolm McPhail	Ab
		ESP	13-40.00	John Robson	CPH	53.4		Ayr
0.51w	Alan Doris	1.56(66)	14-07.9		C2000177	A STATE OF THE STA	David Hitchcock (E)	CPI
0.53w	Elliot Bunney	CPH		Peter Fleming	Bell	53.46	Rodger Harkins	She
0.64w	Darren Galloway (J)	Ayr	14-09.2	George Braidwood	Spr	54.2	Douglas Thom	DH
0.70	Neil Turnbull	CPH	14-09.91	Robert Quinn	Kilb	54.26	Peter Campbell	Sto
0.70w	Douglas Walker(Y)	ESP	14-10.5	David Donnett	CAC	54.6	Ken Anderson	NV
0.73	Br'n Ashburn (10.5w)	CAC	14-10.9	Steven Doig	OG	54.77	Alistair Taylor	Inv
0.78w	Roddy Slater (J)	DHS	14-11.91	Chris Robison	sv	55.16	Tom Nimmo (J)	FVI
0.80w	Stephen Shanks	Lark	14-13.0	Neil Tennant	CPH	55.22	Steve Ledingham	Ab
								100
	200m			10,000m			High Jump	
0.75	David Clark	CPH	28-30.44	lan Hamer (W)	ESP	2.30	Geoff Parsons	4.3
1.25	Neil Turnbull	CPH	29-37.04	Peter Fleming	Bel	2.50	(Scottish Record)	Lon
	5.7.5 T. 7.75 T.	PRODUCET CO.			7.25	245		-
1.3	Darren Galloway (J)	Ayr	29-59.43	Mike Carroll	Ann	2.15	David Barnetson (J)	Inv
1.3w	Elliot Bunney	CPH	30-03.04	Alastair Walker	Tev	2.13	Stephen Ritchie (J)	Pit
1.55	Alan Doris	ESP	30-04.01	lain Campbell	DHH	2.08	Alan Scobie	ES
1.7w	Mark Davidson	Ab	30-09,5	Bruce Chinnick	Forr	2.07	Duncan Mathieson	Ab
1.79w	Douglas Walker (Y)	ESP	30-09.84	Chris Hall (W)	DHH	2.05	James Stoddart	Bel
1.86	Jamie Henderson	CPH	30-22.61	Chris Robison	SV	2.04i	Neil Robbie	Me
1.89w	David Cleland (J)	FVH	30-23.32	Doug Runcieman	Cam	2.01	Malcolm McVie (J)	CP
1.9	Stephen Shanks	Lark	30-32.64	Peter Fox	DHH	2.00	Andrew Edgar (Eng)	
							3 7/ 17/	
	400m			Marathon		4.60	Pole Vault Eric Fliszar (US)	DH
6.52i	Brian Whittle	Ayr	2-10-10	Allister Hutton	CPH	4.40	Martin Smith	CP
100000000000000000000000000000000000000		ALTERNATION AND ADDRESS OF THE PARTY OF THE		THE RESERVE OF THE PROPERTY OF	19800 001			
7.14	Mark Davidson	Ab	2-17-58	Jim Doig	Ab	4.35	Stephen Greig (J)	Str
8.04	George Fraser	San	2-20-40	Frank Harper	Pit	4.30	lan McKay	ES
8.1	Gregor McMillan	DHH	2-25-28	John Duffy	GWH	4.30	David McLeod	Bel
8.3	David Mulheron	Bell	2-25-28	Charlie McIntyre	Fras	4.25	Michael Nicoll	Hav
8.32i	Mark McMahon	CPH	2-27-05	Douglas Cowie	RAF	4.20i	lain Black	CP
18.4	Amir Savage (J)	CPH	2-27-44	Jim Dingwall	Hull	4.20	Stuart Ryan	SV
8.5	Grant Hodges	ESP	2-28-01	Alasdair Keen	Derby	4.20	John McArdle	Lou
8.68	Elliott Bunney	CPH	2-28-12	Euan Wilkinson	Cald	4.20	Duncan Mathieson	Ab
8.7	Jim Nicoll	PSH	2-28-57	Stewart Asher	FAC	4.20	Paul Pentland	ESI
10.7	Jiiii Ielooli	1 311	2-20-31	Stewart Astret	I'AC	4.20	Allan Leiper	Ald
						4.20	Adam Anderson	NV
	800m			3000m s/c		4.20	Adam Allouison	***
-44.44	Tom McKean	BYM	8-16.31	Tom Hanlon	CPH		Long Jump	
-45.47	Brian Whittle	Ayr	0 10.01	(Scottish record)		7.55	Brian Ashburn	CA
-46.90	David Strang	Hgy	0 24 10		DHH	7.35	Craig Duncan	She
-49.42	Stuart Paton	Bel	8-34.10	Peter McColgan (NI)		7.29w	Duncan Mathieson	Ab
	Tom Hanlon	CPH	8-48.0	Graeme Croll	Cam			Hel
-49.5		Street, St. A. H. Carrier, St.	8-50.6	George Mathieson	CPH	7.10w	Eric Scott (J)	
-50.6	Gary Brown	ESP	8-58.5	John Steel	CPH	7.04	Melville Fowler	Inv
-50.7	Andrew Walker	CPH	9-05.5	Ken Stirrat	OxU	6.95w	Paul Allan	Ab
-51.0	Larry Mangleshot	WGn	9-12.0	Steven Wright (J)	Ab	6.78	Mark Craig (Y)	CA
-51.1	Alan Murray	JWK	9-17.1	David Ross	CPH	6.76	Geoff Parsons	Lor
-51.44	David Chamberlain	FVH	9-20.2	Tom Ulliot	B&H	6.74	William Leung	ES
			9-20.34	Robert Carey	Ann	6.66i	John Scott	ES
	1500m		ARREST DE TAIL		20.76.100			
-39.95	lan Hamer (W)	ESP		110mH			Triple Jump	
-45.05	Larry Mangleshot	WGn	4400		tion .	15.00	Craig Duncan	Shi
-43.05	DOLLAR DE VINCENTE DE LA CONTRACTOR DE L	1000	14.28	Neil Fraser	Inv	15.90		CR
	Alistair Currie	Dum	14.28w	John Wallace	New	14.98	Neil McMenemy	
	Steve Ovett (E)	Ann	14.95w	Paul Warrillow	CPH	14.42w	Duncan Mathieson	Ab
	Ten Heales	CPH	15.03	Duncan Mathieson	Ab	14.29	Rodger Harkins	Sh
45.33	10m Hanion	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Ela	14.17	Russell Brown	CA
-45.33 -45.76	Tom Hanlon Stuart Paton	Bel	15 08W					600
3-45.33 3-45.76 3-46.4	Stuart Paton	Bel	15.08w	Ian McGillivary	ADOMEST	14.10	William Leung	
3-45.33 3-45.76 3-46.4 3-47.46	Stuart Paton Mark Fallows	ESP	15.22	Graeme Smith (J)	ESP			
3-45.33 3-45.76 3-46.4 3-47.46	Stuart Paton Mark Fallows David Donnet	ESP CAC	15.22 15.46w	Graeme Smith (J) Graham McAnany (J)	ESP CPH	14.07	Rory Birbeck (Y)	Hy
3-45.26i 3-45.33 3-45.76 3-46.4 3-47.46 3-47.5	Stuart Paton Mark Fallows	ESP	15.22	Graeme Smith (J)	ESP			Hy

	Shot Putt	
17.24	Stephen Whyte	Lut
15.14	Robert Smith	CPH
15.10	Mark McDonald	Dmf
14.91	Steve Aitken	DHH
14.74	Russell Devine	Inv
14.57	Gordon Smith	Ab
14.45	Neil Mason (J)	Fife
14.37	Graeme Stark	Rth
14.35	Darrin Morris	Pit
14.25	Adam Whyte	ESP
	Discus	
1000240	Darrin Morris	Pit
58.36	(Scottish record)	PH
	Michael Jemi-Alade	CPH
50.00		Lut
47.54	Stephen Whyte	Inv
47.32	Russell Devine	
46.00	Mark McDonald	Dmf
42.54	Kenga Kubota (Ja)	ESP
41.30	Neil Elliot (J)	Hel
41.26	Jamie Malcolm	Wir
40.72	Alex Black	CPH
40.52	Paul Allan	Ab
	Hammer	
61.90	Russell Devine	Inv
60.78	Stephen Whyte	Lut
56.16	Lawrie Nisbet	CPH
53.30	Andrew Hall	Hill
53.22	Robin Meikle	CPH
53.10	Russell Payne	Bir
49.90	Doug Aitchison	PSH
49,58	Chris Edgar (Y)	FVH
49.46	Adam Whyte	ESP
48.88	David Allan	Inv
40.00	David raidir	
nuarement.	Javelin	2000
62.04	Stewart Maxwell	Pit
59.92	John Guthrie	CPH
59.50	Stewart McMillan	Pit
59.00	Alex Black	CPH
59.00	Chai Huat Ng	She
57.70	Adam Whyte	ESP
57.06	Nils Fearnley (J)	Gle
55.90	Duncan Mathieson	Ab
54.58	Jamie Grant (J)	Lor
54.42	Philip Crawford (J)	PSH
	Decathlon	
7535	Duncan Mathieson	Ab
7039	Paul Allan	Ab
5830	Eric Scott (J)	Hel
5759	Allan Leiper	Ald
5663w	Stuart Ryan	SV
5639	Alistair Taylor	Inv
5618		StA
5556	Jamie Malcolm	
5541w	Michael Standen (E)	PSH
5483	Paul Masterton	ESP
0403	Stephen Greig (J)	Stret



Allister Hutton . . . his 2-10-10 London Marathon made him the fastest Scot in 1990 by over seven minutes.

Rankings compiled by Arnold Black

RUN LIKE ME -FOR A WINNING TEAM



JACK BUCKNER, EUROPEAN 5000M CHAMPION AND WORLD CHAMPIONSHIP BRONZE MEDALLIST

The Imperial Cancer Research Fund is Europe's largest cancer research institute employing over 900 scientists and technicians in our own laboratories and hospital units. We are winning the fight against cancer, especially children's cancers, but it is a long hard road. Your running on long hard marathons and fun runs helps us by raising money – the charity is totally dependent upon donations and our own fund raising activities. We are a winning team. Join the winning team and run for us. Write to me, Jack Buckner, of the Imperial Cancer Research Fund now for your race sponsorship pack.

Murray Place, STIRLING	, c/o imperiai Cano	er Kesearch Fu	ind, 19
YTHE NAME (Mr/Mrs/Miss/Ms)			

YOUR NAME (Mr/Mrs/Miss/Ms)		_
ADDRESS		
	POSTCODE	
Name and date of event		
Was El Table El Co	1500	





Are you interested in sport in Scotland?

As well as publishing Scotland's Runner, we produce monthly titles on rugby and football.

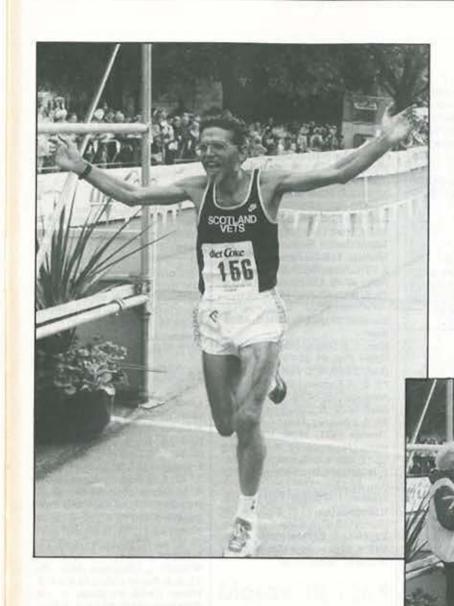
Our magazines have a reputation for the highest quality editorial, expert columnists and up to the minute news and photo coverage.

Our worldwide network of subscribers is testimony to the fact that we are Scotland's leading sports publishers.

Contact us for details on advertising, subscriptions, readers letters, comments etc:

ScotRun Publications Ltd 62 Kelvingrove Street Glasgow G3 7SA

Telephone: 041-332 5738 Fax: 041-332 9880









September

Ben Nevis 10 Mile HR, Fort William Men: 1, M Rigby (West) 1-26-08; 2, K Anderson (Amb) 1-28-58; 3, G Devine (Pud) 1-32-25; 4, D Rodgers (Loch) 1-32-31; 5, G Schofield (Black) 1-32-50: 6, D lbberton (Glo) 1-33-06; 7, R Pallister (Pud) 1-33-12; 8, S Jackson (Hor) 1-33-27; 9, R Jamieson (Amb) 1-33-35; 10, A Trigg (Glo) 1-33-50; V1, J Holt (Clay) 1-41-55; V2, D Spedding (Kes) 1-42-09; V3, C Wilkinson (Bing) 1-46-42: V4. D Quinlan (Bing) 1-48-16; V5, M Walford (Ken) 1-48-37; V6, D Wetherhead (Bing) 1-48-49; V50: B Thackery (DP) 1-51-55.

Women: 1, L Hope (Loch) 1-56-58; 2, S Neirdrum (LeeU) 2-03-22; 3, J Schreiber (LU) 2-08-25; 4, B Carney (Bing) 2-12-30; 5, A Barrret (Bing) 2-24-36: 6. C Charlton (Kes) 2-26-25. Teams: 1, Ambleside 23pts; 2, Pudsey and Bramley 23; 3, Lochaber 63; 4, Glossopdale 67.

Corrieyairack Pass HR, Fort Augustus -

Men: 1. T Brand (Liv) 1-49-09; 2, I Wallace (HBI) 1-49-46; 3, R Revill (Bad) 1-50-28; 4, P Hughes (Loch) 1-51-36; 5, R Campbell (Loch) 1-52-30; 6, C Bain (Un) 1-53-29; 7, N Lancaster (Un) 1-56-38;8, R Boswell (Loch) 1-58-12; 9, R Collins (Inv) VI 1-58-56: 10 S Burns1-59-09; V2, E Rennie (Ab) 2-02-00; V3, G Clark (Arb) 2-04-30; V50: R Goram (SVHC) 2-12-21;.

Women: 1, C Menhennett (Clyd) 2-00-57 (rec); 2, L Hope (Loch) 2-18-57; V1, E Wilby (BI) 2-41-14. Team: Lochaber 17pts.

15

Cairnwilliam HR, Monymusk -Men: 1, E Butler (Ab) V1 47-53; 2, E Arrowsmith (Ab) 48-04; 3, D Armitage (Ab) 49-00; 4, R Durran (Un) 49-13; 5, E Rennie (Ab) V251-50; 6, A Aitken (Ab) 52-19; 7, S Hastie (Pete) 52-53; 8, I Fraser (Ab) V3 52-34; 9, P Brown (Inv) 52-51; 10, G Milne (Ab) V4 53-20; L1, C. Blyth (Ab) 1-13-26.

22

Knockfarrel HR, Strathpeffer -Men: 1, I Mathieson (TVH) 35-38; 2, D Duguid (Ab) 35-50; 3, D. Weir (PSH) 36-17; 4, M Wright (MR) 37-27; 5, E Butler (Ab) V1 37-43; 6, W Foreman (Ab) 37-58; 7, M Francis (For) 38-27; 8, R Wilby (BI) V2 38-10; 9, W McDonald (Inv) 38-40; 10, G Bruce (BI) 38-42.

Team: Aberdeen AAC Women: 1, MAdamson (Inv) 44-24;

2, L. Fisher (Nai) 46-42; 3, K Butler (Ab) 51-50.

Cocklerol HR, Unlithgow Men: 1, D Anderson (FVH) 28-27; 2, K. Rankin (FVH) 29-07; 3, C Meek

(Whit); V1, B Howie (CPH) 30-45; L1, R McAleese (MSL) 34-51.



September

Easter Ross People's 10K, Tain Men: 1, S McKenzie (Inv) 31-41; 2. D Bow (NRR) V1 33-49; 3, R McHarg (Inv) 33-58; 4, G Mitchell (Inv) 34-01; 5, D Gunn (For) 34-19; 6, D McDowell (Un) 35-18; 7, D Bird (Inv) 35-45; 8, P Crowe (Inv) 36-25; 9, J Wilson (Un) 36-32; 10, J McMillan (BI) 36-43.

Women: 1, M Adamson (Inv) 39-82; 2, F Farquhar (Wick) LV1 40-00; 3. J MacKenzie (ESRC) 45-10: 4. F McCallum (Un) 45-24; 5, J Guise (BI) 45-26; 6, M Argyll (ES) 46-59. Team: Inverness Harriers.

Kall-Kwik Blairgowrie "500" Half Marathon -

Men: 1, J Evans (She) 70-43; 2, R Bell (DHH) 72-21; 3, B Anderson (DRR) 72-57; 4, P Dolan (Cly) 74-02; 5, A Adams (Dum) V1, 74-13; 6, R Wood (DRR) V2, 74-36; 7, N McDonald (Met) 74-44; 8, P McGregor (VP) V3, 76-38; 9, B Howie (CP) 76-58; 10, R Davidson (DRR) 77-

Women: 1, V Fyall (DRR) 87-07; 2, J Robertson (DRR) 93-19; 3, A-M Hughes (ESP) 93-46. Team: Dundee RR.

Calderglen 10 mile RR, E Kilbride Men: 1, R Quinn (Kilb) 49-50; 2, A Douglas (VP) 50-43; 3, R Johnston (Cal) 51-12; 4, G White (Ayr) 51-34; 5, G McDougall (Cal) V1 51-44; 6, R Ronald (EK) 51-53; V50, H Gibson (Ham) 61-29. V60, P Toner (Bella)

Women: 1, A Brunjes (Cal) 70-44; 2, L Curley (Mot) 72-11; 3, G Dees (Cal) 72-32.

Grangemouth Charity Chase 10K Men: 1, G Grindlay (FVH) 30-45; 2, MCovne jun (CR) 31-02:3, KRankin (FVH) 31-11; 4, A Weatherhead (ESP) V1 31-21; 5, T Thomson (CR) 32-09; 6, C Meek (Whit) 32-44; 7, K Dawson (CR) 32-50; 8, A Stephenson (CR) 32-57; 9, C Smith (PRS) 33-28; 10, A Little (Un) 34-28. Team: Central Region

Women: 1. B Redfern (Un) 34-25; 2, TThomson (Pit) 39-27; 3, D Leddy (Whit) 43-45; 4, G Harrison (Un) 43-49; 5, S Welsh (Un) 46-24.

Scottish Wildlife Trust 10K, Aber-

Men: 1, D Duguid (Ab) 33-56; 2, C Noble (Fra) V1 34-13; 3, S Willox (Met) 34-15; 4, C Rollo (DHH) 34-23; 5, W Forman (Ab) 34-25; 6, D Armitage (Ab) 34-33; 7, P Jennings (Met) 34-35; 8, G Rennet (Un) 34-36: 9, A Neaves (Met) 34-38: 10, M Thomas (HBT) 34-39; V2, M Edwards (Ab) 35-00; V3, K Hogg (Ab) 35-17; V50, 1, C Rennet (Un) 37-35; 2, N Mackie (Un) 43-45; 3, R Arthur (Un) 49-32.

Women: 1, M Duthie (Fra) 35-43; 2, U Simpson (Ab) V1 39-37; 3, J White (Bancb) 40-47; 4, N MacKinnon (Ab) V2, 41-14; 5, BO'Neil (GiffN) 44-32; V45: 1, M Beveridge (Ab) 44-56; 2, H Lawrie (Reeb) 52-58.

Carluke 10 mile RR -

Men: 1, P Fleming (Bella) 49-47; 2, W Nelson (Law) 52-02; 3, D Watt (Cal) 52-44; 4, A McLelland (Cal) 53-00; 5, B Ronald (EK) 53-24; 6, G McMaster (FVH) 53-46; 7, C MacDougall (Cal) V1 54-01; 8, M McQauid (CR) 54-53; 9, J Hanratty (Cly) 56-04; 10, W Dickson (Law) 56-22; V2, I Donnelly (Law) 57-45; V3, J Reilly (Law) 58-59; V45: T Dolan (Cam) 59-04; V50: M Coyle (CR) 63-56; V55; S MacLean (Giff) 63-44: V60: P Tonner (Bella) 73-49. Women: 1, A Dickson (Law) 69-14; 2, G Craig (Stra) 69-29; 3, J Wilson (Un) 75-34.

Moray Road Runners 10K, Elgin Men: 1, C Hall (DHH) 30-26; 2, B Chinnick (For) 30-38; 3, R Arbuckle (Keith) 31-05; 4, J Bowman (Inv) 31-21; 5, G Laing (Ab) 31-25; 6, G Sim (Mor) V1 32-46; 7, G Milne (Pete) V2, 33-21; 8, G Herbert (Inv) 33-29; 9, M Wright (Coa) 33-50; 10, A Stewart (Mor) 34-06; V3, G Fraser (Inv) 35-48.

Team: Inverness Harriers

Women: 1, D Porter (Ab) 39-39; 2, A Orme (Met) 42-00; 3, G Sanders (RAF Kin) 44-05; 4, S Taylor (Gar) V1 44-19; 5, J Norgate (Nairn RR) 45-08; V2, J Asher (Mor) 47-08; V3, M Woodhouse (Inv) 49-11. Team: Moray Road Runners.

Two Ferries RR, Ardgour -Men: 1, J Cooper (Spr) 56-49; 2, P McGregor (VP) V1 59-59; 3, J White (Irv) 61-41; 4, R Boswell (Loch) 63-

39; 5, J Borrill (Loch) 63-53; 6, R MacDonald (Inv) 64-05; 7, J Maitland Snr. (Loch) (V2) 64-19; 8, J Maitlandir (Loch) 64-49; 9. TO'Reilly (Spr V3) 68-57; 10, W Murray (SVH)

Women: 1, R McLachlan (Loch) 81-20; 2, N MacDonald (Un) 1-52-26.

Land O'Burns Half Marathon, Avr. Men: 1, P Fleming (Bella) 64-18; 2, M Carroll (Ann) 64-50: 3. I Campbell (DHH) 64-57; 4, T Murray (GGH) 66-34; 5, G Croll (EK) 66-53; 6, D Frame (Law) 67-36; 7, J Evans (She) 67-48; 8, M Gormley (Cam) 68-11; 9, M Coyne (CR) 68-38; 10, C Haskett (DHH) 68-45; V1, D Fairweather (Cam) 70-47; V2, D Logue (Dumf) 72-41; V3, H Watson (Cly) 73-25; V4, R Young (Cly) 74-07; V5, G Gilbert 71-30.

Women: 1, J Swanson (MSL) 79-11; 2, E Turner (GAC) 79-23; 3, A Wilson (DHH) V1 80-26; 4, J-A Armstrong (GAC) 83-01; 5, R Murray (GN) V2, 86-04f; 6, A Gifford 87-33; 7, A-M Hughes (ESP) 87-54; 8, G Craig (Stra) V3, 88-40; 9, H Stewart (Cly) 89-35; 10, S Milne (DHH) LV4 90-00.

Saucony 10 Mile RR, Inverness Men: 1, H MacKay (Fife) 52-57: 2, B Cook (DHH) 53-19: 3, G Sim (Mor) V1, 53-43; 4, C Hunter (Mor) 54-06; 5, 1 Campbell (Arb) 54-42; 6, S McKenzie (Un) 54-48; 7, C Smith (Port) V2, 55-03; 8, G Crawford (ESP) 55-15; 9, M Wright (Mor) 56-03; 10, D Bow (Nairn) V3 56-32. Women: 1, M Duthie (Fra) 58-13; 2, J Ferrari (Pit) LV162-41;3, MAdamson (Inv) 66-11. Team: Moray Road Runers.

Apologies to readers for the curtailed results service - our compiler was on annual leave, Events omitted will appear in our next issue.



September

Metro Aberdeen Cross Country Relays, Balgownie, Aberdeen -4 x 2.25 miles: 1, TNT 48-09 (I Matheson 12-04: E Arrowsmith 12-53; D Duguid 11-45; C Hall 11-27); 2, Moray Road Runners 50-23 (D Morrison 13-41; G Milne 12-21; C Hunter 12-00; G Sim 12-21); 3, Metro Aberdeen, 51-06, (M Cum-

Cowie 12-45; S Willox 12-58); 4, Hunters Bog Trotters 51-36, (J Farguhar 13-09; 2, M Thomas 13-18; B Maher 13-13; S Axon 11-36); 5. Aberdeen University 52-58. (C Dodge 12-57; D Ball 13-37; A Nesbit 14-15; S Wright 12-09); 6, Scottish Gas, 55-45, (P Jennings 12-45; G Liddell 14-06; D Dunn 15-02; E Munro 13-53); 7, Garioch Road Runners 55-57; 8, Aberdeen AAC/Lynx Pack 57-02: 9. Metro Aberdeen B 58-51; 10. Metro Aberdeen C 63-58. Fastest laps: 1, C Hall (TNT) 11-27; 2, S Axon (HBT) 11-36; 3, D

Duguid (TNT) 11-45; 4, C HUnter (MRR) 12-00; 5, I Matheson (TNT) 12-04; 6, S Wright (AU) 12-09.

Dumfries 10K

THIS year's Dumfries Tredaire 10K on September 9 had its largest field yet, with the limit of 250 entrants being reached several days before the race.

Former Bingley runner Steve Binns set a new course record of 29-48, running in his new Annan dub colours.

Robert Carey, also of Annan, finished second over two minutes behind, with Brian Craig of Irvine Cable just pipping Archie Jenkins of Hunters Bog Trotters for third place.

David Logue of Dumfries RC was fifth overall and first veteran. This was David's last run in Dumfries RC colours as he is soon to leave the area.

First female was junior internationalist Hayley Haining in 36-30.

Loch Leven Half Marathon

OVER 400 runners completed the circuit of Loch Leven in Kinross-shire. all within two and a half hours, for the Loch Leven Half Marathon on September 8.

The first male finisher was Adam Eyre-Walker, a student and member of Hunters Bug Trotters of Edinburgh, in 68-12, slightly slower than last year's winner (Charlie Haskett, who did not run this year). Adam was followed by Pitreavie's Frank Harper (68-51) and David Anderson (69-19), a local from Milnathort and a member of Falkirk Victoria Harriers.

The first woman home was Aberdeen's Ulrike Simpson in 84-53. Ulrike was last year's winner; she is now a veteran runner. Second female was Valerie Fyall (Dundee RR) in 85-49, and third, Anne Hughes (88-37).

The veteran male winner was again Robert Wood (9th) from Dundee RR in 72-34, closely followed by Charles Smith from Portobello RC in 72-52.

The second female vet was Gill Hanlon (Dundee RR) in 91-28 and third was Linda McGill (Dundee RR) in 93-

The first local male was David Anderson, followed by Terry Quigley (KRR) 80-33 and Donald Fletcher (KRR) 81-42. Local females were Sheila Bauchop 96-55, Susan MacKenzie and Ann Quigley.

There were a number of team entries, and the affiliated team trophy went to Dundee Road Runners (53) points) with Fife AC second (77 points).

The unaffiliated trophy went to Kinross Road Runners (188 points); second was Polmont Jogging Club (400)

Moray RR 10K

CHRIS Hall of Dundee Hawkhill Harriers retained his Moray Roadrunners 10K title on September 9 by winning in fine form in 30-26, just 12 seconds ahead of Bruce Chinnock of Forres Harriers, with Ross Arbuckle of Keith & District third in 31-05. First veteran was George Sim of Moray RR in 32-46, writes Anne Sim.

The men's team from Inverness Harriers won the Gleaner Oil Trophy. Colin Gilmour of Nairn & District was first over 50 years, while Alex Hannah of Moray RR was first over 60 years.

In the women's section, Debbie Porter of Aberdeen AAC was first to finish in 39-39, with Annette Orme of Metro Aberdeen second in 42-00 and Gillian Sanders of RAF Kinloss third in

First woman veteran was Sue Taylor of Garioch RR, with Joan Asher of Moray first woman supervet.

The DM Hall Trophy for first women's team was won by Moray Roadrunners, Olivia Neild from Gordonstoun was first under 21, while schoolmate David Miller was first under 21 male.

A total of 190 runners took part, well up on the inaugural event number from last year, and many runners went home with spot prize vouchers.



Lynn Harding, first Scottish woman in the Great Scottish Run, receives her medal from Lord Provost Susan Baird. Note the subtle sponsors' material in the background!

SCOTTISH Universities Athlete of the Year for 1990 was Heriot Watt's Ian Hamer. The choice was made simple by Ian's outstanding performances at four major championships. The good news for the future is that Ian will be remaining at Heriot Watt for a further two years, during which time he will be studying for a MSC in construction management.

The year began in whirlwind fashion for Hamer. Selected at the last minute for the Welsh Commonwealth Games team, he travelled to Sydney in late December. After a few weeks acclimatising, he travelled on to New Zealand, where he ran a Welsh record in the 3000m (7-46). His aim in the Games was to reach the 5000m final, but it is now history that he ran a superb race to bring home the bronze medal in a time of 13-25. The 5000m was the most exciting and eventful race in the Games, but lan stayed out of trouble and more than justified his selection.

Almost immediately after returning from Auckland, and while still caught up in the euphoria of his medal-winning run, he was selected for Britain in the 3000m at the ill-fated European indoors in Glasgow. Owing to a mix up by the officials, lan left the arena on the Saturday believing that he had been eliminated. The following morning, having been out for a training run, he was told that he in the final.

He failed to live up to his own expectations in the final, but that is hardly surprising in the circumstances. Typical of lan is his attitude to this race. He says that if he had been going to win he would have succeeded regardless of the problems. In retrospect, he admits that it was not meant to be, and that perhaps he was wrong to run in the first place.

After the indoor season, he returned to the cross country scene for the World Student Games in Poland. He was in a different class at this event, and won gold for Britain.

lan then returned to his books in an effort to pass his final exams at university. Despite his absence for two months at the Commonwealths, and this hectic training schedule, he still managed to get his degree. The absence from the track during his exams probably left him with little realistic chance of a medal at the Europeans in Split. Despite this, however, he reached the final of the 5000m and had a real crack at a medal.

The problem that he faced was the heats. In Auckland the heats were more comfortable and there was an extra day to recover before the final. In Split, he had to run a 4.10 mile in the middle of the heat to



Ian Hamer (centre) celebrates his World Student Cross Country Championship win in Poland earlier this year.

ensure he qualified. With his limited experience of major championships he found it all a bit too much.

What does the future hold for the young Welshman? His post-graduate course lasts for two years, which will take him through the World Championships and to the Olympics in Barcelona. He also has his sights set on the World Student Games in Sheffield in 1991. In the days of semi-professional amateur athletes, it is disappointing to note that despite his success and great potential, he has been unable to attract a major sponsor to support his quest for further medals.

His tuition fees for the MSC are being paid by his parents, and his ambitions may be thwarted by a lack of funds. When there appears to be so much money in the sport at present, there must be something wrong when none of it comes the way of such a talented young man. The experience gained at the Europeans and the Commonwealths can only help in his quest for gold.

Where does the university scene fit into the schedule of an internationalist? He admits that his two best runs of the year were his golds at the World Student Games in Poland, and the British Universities Championships in Antrim. The university outdoor season can be used to sharpen up in preparation for bigger events, and also as a useful gauge of fitness in the early season. More importantly, it is a lot of fun and is of a higher standard than many people think.

Best wishes to lan in his preparations for future majors, and in his studies at Heriot Watt.

Gordon Ritchie

Scotland's Runner November 1990

October

13

AYRSHIRE CC Relay Champs, Irvine.

DUNBARTONSHIRE CC Relays.

EAST District CC League, Hawick.

NORTH District CC League, Fraserburgh.

RENFREWSHIRE CC Relays.

14

STRATHCARRON 10K Fun Run.
11am Denny HS, Shanks Ave,
Denny. Sae for details and
forms to Fun Run Convener,
Strathcarron Hospice, Randolph
Hill, Denny 03482-6222. £3.50
entry fee (under 16 £1.50).
Medals to all finishers.

FRASERBURGH FC Half Marathon. 1.30pm, Bellsley Park, Fraserburgh. Entries on day. D - Mr J Adams, Tel 0346-28002.

SWCC&RRA National Road Relay Championships, Victoria Park, Glasgow.

20

EAST District Relay Champs, Alloa

NORTH District Relay Championships.

WEST District Relay Champs, Springburn.

21

FALKIRK Herald People's Half Marathon and Bairns Fun Run, Grangemouth. Starts 10.30am. Details from Grangemouth Sports Complex. D: 0324-486711.

KIRKHILL Forest 8 Mile Race, Aberdeen. 2pm start, Kirkhill Forest. Details from 0224-681320. E on day £2.

KIRKINTILLOCH Olympians Cross Country Races.

27

SCCU National CC Relay Champs, Irvine. 28

PITREAVIE AAC CC Meeting.

RUBY Young Memorial Race women only - 4 mile fun run, Howard Park, Galston 11am. Details from 0560-820127. Entries on day.

November

2

EVEREST Marathon, Details from 09662-5445.

3

BLACK Isle Festival of Running (marathon, half marathon, 10K and fun run). D - 0349-63381.

ALLAN Scally Memorial Road Relay Race, Baillieston.

COMBINED Women's Five Nations & Men's Home Countries International Cross Country Matches, Beach Park, Irvine.

4

THORNTON W.S. 10 Mile Road Race organised by Dundee Roadrunners, Information from 0382-67026.

FIFE College Ladies 10K Road Race. 10am (last year's Fife College "5"). D - Rhonda Stephen 0592-268591.

HYDRASUN Open CC Meeting, Balgownie, Aberdeen.

LASSWADE Athletic Club Open Cross Country Meeting. Tel 031-663-0434 for details.

1

GENERAL Portfolio Glasgow University Road Race, Westerlands. 3pm start, changing Anniesland Cross. E -£1 on day, details from 041-339-8855 Ext 5861.

NORTH District League, Caithness.

TINTO Hill Race

111

KILMARNOCK & Louden District Sports Council Open Races. 1pm, James Hamilton Academy. Details from 0563-35408

17

INAUGURAL Gien Clova Road Race, Forfar. 12 noon, 13.5 miles. Details and forms from Clova Hotel, Tel 057-55-222.

ABERDEEN University Hare & Hounds Open Road Relay.

CLYDESDALE Harriers Open Races. Details from Phil Dolan, Tel 37-76950.

TEVIOTDALE Harriers Open Races. Details from 0450-73214.

1

EDINBURGH to Glasgow Road Relay Race.

DUMFRIES AAC Open Cross Country Races, Dumfries. Details from Mrs J Rammell on 0387-710406.

JUMPS Development Day -Bathgate Sports Centre.

GLASGOW AC Ronnie Kane Memorial CC Races

24

BELLAHOUSTON Harriers Cross Country Races. Details from 041-942-0731.

GAULDRY Community Council Cross Country Races.

SWAAA agm.

25

SWCCU&RRA East District Cross Country Championships, Aberdeen

SWCCU&RRA West District Cross Country Championships, Dumbarton.

December

|1

SWAAA West District Indoor Championships, Kelvin Hall. Details from 031-317-7320/1.

FIFE AC Open Cross Country Championships. Registration starts noon at Balwearie High School, Kirkcaldy. Starts Beveridge Park. D - Melville Scoble on 0592-264076. Both sexes, all ages.

DUNBARTONSHIRE Cross Country Championships.

RENFREWSHIRE Cross Country Championships.

2

SAAA East District Indoor Championships, Kelvin Hall. Details from 031-317-7320/1.

В

EAST Kilbride AAC Road Races

EAST District League, Falkirk. Details from 0324-486711.

NORTH District Cross Country Championships, Peterhead.

9

SWCCU&RRA East v West v N Ireland, Dumbarton.

15

SCCU v Scottish Universities v
Northern Ireland v Civil Service,
Including Inter district races for
Junior boys, senior boys and
youths. Details from
Cumbernauld and Kilsyth
District Council, Tel 0236722131.

16

AYRSHIRE Cross Country Championships.

January

2

Beith Road Races, Beith.

NOVEMBER 24th

Bellahouston Harriers
Annual Cross Country
Races
Bellahouston Park,
Glasgow
All age groups * Entries
on day at Cardonald
College Tel: 041 942 0731

Scotland's Runner November 1990

SAIR Held Race, Isle of Skye. 12 noon start. Details from Skye and Lochalsh District Council on 0478-2341.

NIGEL Barge Maryhill Harriers 4.8 Mile Road Race, For more details, telephone 041-637-7714.

13

SWCCU&RRA Closed 4,000m Championship and Open meeting for M.G&J.

NORTH District League, Elgin.

EAST District Cross Country Championships, Aberdeen.

WEST District Cross Country Championships, Clydebank,

GRANGEMOUTH Round the Houses Road Races.

LOUDOUN Runners Cross Country Races.

SAAA Under-20 Indoor Championships, Details from 031-317-7320/1.

26

JIMMY Flockhart Race and supporting young athletes races. Coatbridge

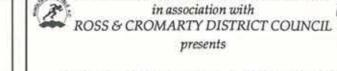
SCOTTISH Indoor Championships, Kelvin Hall. Details available from 031-317-7320/1.

27

KIRKINTILLOCH Olympians Open Road Race, Kirkintilloch,

SCOTTISH Indoor Championships, Kelvin Hall. Details from 031-317-7320/1.

SWCCU&RRA National CC Relay Championships, Irvine.



THE 1990 BLACK ISLE FESTIVAL OF RUNNING

MINOLTA BLACK ISLE ATHLETIC CLUB

in association with

presents

featuring MARATHON HALF MARATHON

10K AND

FUN RUN

SATURDAY 3 NOVEMBER 1990

Further information and entry forms available from Leisure Services, Ross & Cromarty District Council, County Buildings, Dingwall. (Tel: 0349 - 63381 - daytime) or Ray Cameron. 5 Rose Croft, Muir of Ord (Tel: 0463 - 870805 - evenings)

ENTRIES LIMITED TO 800. CLOSING DATE FOR ENTRIES MONDAY 29 OCTOBER.



DI SUID Services



SKYE & LOCHALSH DISTRICT COUNCIL "SAIR HEID RACE"

Broadford - Kyleakin 8 Mile Road Race PLUS 4 Mile Fun Run SATURDAY 5th JANUARY 1990

12 Noon Entries on the day or for pre entry forms and more information Contact: Willie MacKinnon, Skye & Lochalsh District Council Park Road

Portree, ISLE OF SKYE (0478) 2341

JUMPS DEVELOPMENT DAYS

18th November 1990 Bathgate Sports Centre 10am to 4pm

10th February 1991 Bathgate Sports Centre 10am to 4pm

17th March 1991 Bathgate Sports Centre 10am to 3pm OPEN TO ALL ATHLETES AND COACHES FEE £1.00 per session for athletes. Coaches free

MALTA **MARATHON**

17th February 1991

Caterina

Hotel

Half Board

GATWICK

7 Nights

£185.00

£219.00

MANCHESTER

7 Nights £195.00 Cost includes:

£229.00

Flights/Accommodation Transfers on arrival/departure from Malta

Send now for Booking Form forMarathon or call 071 - 258 3555

ADDRESS.

HOLIDAYS (SOUTH) LTD. 41 CRAWFORD STREET, LONDON WIH THA

SCOTTISH INDOOR CHAMPIONSHIPS 1990-91



1 Decmeber 1990 - SAAA West District Championships 2 December 1990 - SAAA East District Championships 20 January 1991 - SAAA U-20 Championships 26/27 JANUARY 1991 - SAAA/SWAAA SENIOR CHAMPIONSHIPS

16/17 February 1991 - SAAA/SWAAA Multi Events & Relay 24 February 1991 - SWAAA U-20 Championships All at Kelvin Hall, Glasgow. Closing date for entries approx 3 weeks prior to each event - see individual entry or SWAAA poster (out in due course) for exact details.

ATTENTION ALL LADY RUNNERS!!

Fife College Ladies' 10K Road Race

(last year's 'Fife College Five') organised by Fife College of Technology

Under SWCC & RRA Laws

Sunday, 4th November, 1990

at 10.00 a.m. (£2 pre-entry - £2.50 entry-on-the-day) £1 for under 18s

For further details and an application form contact: RHONDA STEPHEN, Fife College of Technology. Tel: (0292) 268591



Sponsored by: Cafe

LASSWADE ATHLETIC CLUB OPEN CROSS-COUNTRY MEETING

Sunday November 4

At Poltonhall Recreation Grounds, Bonnyrigg Midlothian

(Under SWCCU & SCCU Rules) Entry Fee: Seniors £1 All others 70p Declarations at Lasswade High School Centre Supported by Run-A-Way Sports Tel: 031 - 663 0434 for further details.

THE INAUGURAL GLEN CLOVA ROAD RACE (13 & HALF MILES)

SATURDAY 17th NOVEMBER 12 NOON

ENTRIES CLOSE MONDAY 12th NOVEMBER **DETAILS AND FORMS**



FROM **CLOVA HOTEL** GLEN CLOVA

ANGUS DD8 4QS TEL. CLOVA (057 55) 222

BY KIRRIEMUIR

EVEREST MARATHON 1991 The highest marathon in the world 2 - 30 November 1991 - £1600

26.2 mile high altitude race (5184 - 3446m) on rough and steep trails, preceded by a 17 day trek to the Everest region for essential training and acclimatisation. Mountain running experience essential. Full information and application forms now available; selection 31.3.91

ANNAPURNA ADVENTURE RUN NEPAL

24 March - 6 April 1991 - £1190 24 March - 9 April 1991 - £1320

Half marathon on easier trails (1425 - 1737m) following a 7 day trek through the delightful Annapurna foothills. Optional white water rafting and jungle safari.

RUNNING TOUR OF ISRAEL

1 - 9 December 1990 - £599

Late bookings still possible for this unique running tour which features the Tiberias marathon, the lowest marathon in the world on the Sea of Galilee (-220m).



Full information from: BUFO VENTURES LTD

3 Elim Grove, Windermere, LA23 2JN Tel: (09662) 5445



AULD & KILSYTY



UMBERNAUL

A NEW GENERATION

SCOTTISH UNIVERSITIES INTERNATIONAL CROSS COUNTRY

15th DECEMBER 1990

CUMBERNAULD HOUSE GROUNDS CUMBERNAULD

SPONSORED BY

CUMBERNAULD AND KILSYTH DISTRICT COUNCIL

CUMBERNAULD DEVELOPMENT CORPORATION

DESPITE the fact that I think that A. Butler, in his letter in the last issue, missed the point of my original comment (regarding fag reek wafting over the track), I feel that I must come clean.

I do contribute to environment pollution. More importantly, I am very concerned about many aspects of this and do worry about the rain forests. However, I see the smoking and promotion of cigarette smoking as an entirely different

If the statistics on damage to health caused by smoking don't alarm smokers enough to think again, then the growing body of evidence on passive smoking should. It's a topic I get very angry about just like many other converted exemokerel

I see a complete contradiction between the training and coaching of such an obviously healthy activity as athletics and the horrible habit of smoking. Personally I think it should be completely banned in sports centres and at athletics

TALKING about environmental issues, one area that is of particular concern to me is that of the damage to the environment that can be caused by pressure of too many people. The debate is certainly current in Scotland just now, with the recent publication of proposals to safeguard our countryside which include the setting up of National Parks.

Runners, particularly hill runners, should certainly be in on this debate. Anybody who has run on the Pentland Hills, or on Ben Lomond, for example, will know of the erosion that is taking place.

It's interesting that sponsored walks have now been banned on Ben Lomond, but so far I've seen nothing about stopping the Ben Lomond Hill Race. I agree strongly with people's right to access to land in Scotland, but worry too about the restrictions we, as runners, could face in the future unless we at least get involved in the debate.

I TRIED my best to follow the fortunes of those hardy souls involved in the Sun Life Great Race from Glasgow to London. I don't have the benefit of having a BSB satellite dish, therefore lost out on the promised "extensive coverage" (they missed the start because of a technical fault).

I hope that the race was a success from the sponsor's point of view, because I am sure that events such as this could really capture the imagination of the public who are perhaps looking for something a bit different as the marathon boom begins to die a bit. If there is another race of its

type, hopefully it will be more accessible to more of the public by televising it on one of the major channels instead of limiting to those with one particular satellite format.

If you doubt that public interest would have been that great, then read, or reread, Tom McNab's "Flannigans Run" which was the inspiration for this event. I wonder who was Doc Cole, or McPhail or Lord Thurnleigh or even who the Germans. were in the Sun Life Race!

THE Weekend Scotsman carried an article (September 22) that confirmed what many athletes already new - beer and athletics do mix well. The article concentrated on the Greenmantle Brewery at Broughton. and it's connection with athletics via Frank Smith, chief brewer.

Frank is involved in the organisation of such races as the Breweries Fell Race. the Greenmantle Dash and the Tweedsmuir Fair Fell Race (despite the fact that for the last couple of years there has been no Tweedsmuir Fairl). His involvement, and the associated high profile of his product, has certainly boosted its popularity amongst hill runners.

What the article failed to mention was that - unfortunately for Scottish hill runners - Frank is moving to Jennings Brewery in the North of England. The Diary wishes him all the best in his new post and looks forward to the "Jennings Joggle" or the "Cockermouth Canter".

KEITH Gooch had some strong words to say about Scottish Athletics and about the new Scottish Athlete's Club in Open Forum in last month's issue, and no doubt will have stirred up some comment here and there.

I agree with the overall aim of the Scottish Athlete's Club, but I am very confused about where I, an average club athlete, could fit in. I tried to contact them to ask just that. I also wanted to ask if they had any thoughts about trying to give existing "grassroots" developments a shot in the arm, such as the Scottish Young Athlete's Handicap Scheme, which is in danger of disappearing next season.

After numerous phone calls I eventually tracked them down at 041-339-7460. I've yet to find a time of day when the reply wasn't the same recorded message on an answering machine but I'll keep on trying.

WITH the track season at an end, the choices for many runners are the cross country season or some of the road races that abound. For me, the most enjoyable of these races are the relays, both on road and over the country.

At the time of writing, the first of these. the MacAndrew Road Relay, was just a week away. Races such as this are ideal for involving as many of your club's runners as possible. Clubs can easily select their top runners for their "A" and "B" teams, and thereafter mix up their other teams so that everybody can get a challenging race but still feel part of an

I remember speaking to a "plodder" who nearly bust a gut trying to finish before Allister Hutton in the MacAndrew a couple of years ago. The fact that he just made it, saving his team from being lapped, kept him talking animatedly all the way home.

IF you want to organise an open race, one of the things you will need is a permit. The purpose of permits is to ensure that races are properly organised, and to avoid clashes by having too many similar races on at the same time.

Last month a group of hill runners decided to organise a race at Gargunnock, near Stirling. The race was really only between a group of running friends, but because they were from a number of clubs, and because he likes doing things right, one of the organisers, Matt Ogston (HBT and SHRA) decided to apply for a permit.

He may have been a bit late in applying - and possibly should have been advised to apply more timeously in future. In fact, the day after the race he received the permit and along with it a letter advising that the SAAA were aware that he would not have received the permit in time for the race, therefore the runners who took part could be banned from future competition for running in a non-permit racel It's nonsense like this that brings the SAAA into disrepute.

(The race was a success and likely to be included in next years SHRA calendar.)

THERE was little response to the competition last month for the most humorous anecdote about the effect young families can have on your running performance. Either there is nothing humorous to tell, or readers are aware of how modest the prize is likely to be and have decided it's not worth the cost of a stamp. I'll persevere and hold over the prize to the next issue. Similarly, if you have any items that you think The Diary might be interested in then drop a line to the usual address.

MIKE RAKER

WASP SPORTS

Now offer OVER 30 Sensational colours For Your

LYCRA SKINSUITS, SHORTS, VESTS, TIGHTS, BRIEFS AND TRACKSUITS Plus our NEW printing service for

t-shirts, sweatshirts and all lycra kit. Send large SAE to: Wasp Sports, 22 School Lane, Broreton Green, Sandbach, CHESHIRE CW11 9RN TEL: (0477) 33506 also

RACE ORGANISERS

Everything you need to organise a race.

Timing, numbers, medals, course markings, banners. bibs, tee-shirts etc.

Contact Maraquip 15 Davenport Road Felpham West Sussex Tel: 0243 830412

Starting Blocks

SURE-START BLOCKS INTERNATIONAL STYLE STARTING BLOCKS

•Full length adjustment.
•Adjustable rubber face foot plates. Removable screw in spik
Available in blue or red. ovable screw in spikes ●£80.00 per set plus p&p £4.80 Cheque's made payable to Sure Start Blocks

Unit 32, Hull Micro Centre, Wincolmiee, Hull, Humberside. 0482 218167/647564



RUNNING SHOE REPAIRS

Resoling, new mid shoes, carbon heels, patching and stitch work to all road plus cross country and fell shoes. Complete resole £7.00 + £2.00 p&p All work guaranteed. CHESHIRE SHOE REPAIRS

TEL: (0925(414945

43 FOLLY LANE , BEWSEY WARRINGTON WAS 5ND

COURSES

MASSAGE SPORTSTHERAPY AND NUTRITION COURSES TO INTERNATIONALLY RECOGNISED ITEC DIPLOMA STANDARD, CONTACT: NICK FARROW - 071-226 4489



Concerned about the cost and appearance of your medals? Why not try rosettes instead?

Rosettes are: DIFFERENT, INEXPENSIVE, ATTRACTIVE - AND LESS LIKELY TO END UP BEING DUMPED IN A DRAWER. Club or Sponsor's colours and logos an added attraction - all for as little as 40p. Permanent Display on show.

GARCHELL FARM, BY BUCHLYVIE, STIRLINGSHIRE (0360) 85289

Sis Barcelona

QUADRA LACING

Adapts perfectly to the most varied foot shapes, providing optimum support, even after miles and miles of running.

ASICS STRIPES

The Asics logo is not only one of the most recognisable, but also serves a vital purpose of stabilising the shoes.

PLUS

FULL BOARD LASTED REPLACEABLE IN-SOCK

Containing Asics Gel, a newly developed shock absorbent material

LIGHTWEIGHT Only 295 gms size 9 (suitable for racing and training)

DURABILITY Carbon rubber used in out-sole to make it

more hard-wearing. Asics Miramar at £40.

FLEX CHANNELS For forefoot flexibility

This is the same outsole as used on the Trainer, which retails

EVA MID-SOLE Synthetic compound for shock absorption.

RAISED HEEL

To protect Achilles

HEEL

EXTERNAL

PROTECTOR

For stability and

motion control.

TAB

NOTE: WHEN ORDERING 2 OR MORE PAIRS IT IS PERMISSIBLE TO MIX SIZES AND COLOURS BARCELONA IS AVAILABLE IN SIZES 6-12 (INCLUDING % SIZESI AND 2 COLOURWAYS, WHITE:GUN METAL BLUE AND WHITE:GREEN/GREY, PLEASE INDICATE SIZEIS) AND COLOURIS) REQUIRED IN APPROPRIATE BOXES.



Church Street, Stoke-on-Trent Telephone: 0782 410411

POST AND PACKING
ALL ORDERS OVER £30 — POST & PACKING FREE, ALL
OTHERS ADD £2 SEND CHEQUE/P O. OR PHONE YOUR
ORDER QUOTING ACCESS, VISA, AMERICAN EXPRESS
OR DINERS CARD NUMBERS.

92	£	-	S CLEEN	
			COLO	JR
Tut PAIR	2nd FAIR	1927	AR	2nd PAIR
Tet 2nd FAIR PAIR	Jet PAR	Ter PAIR	21d PAIR	3-d PAR
֡֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜	Tet 2nd FAIR PAIR	Tet 2nd 3nd	Tel 2nd 3nd Tel PAIR PAIR PAIR	TurFAR 2ndFAR TurFAR Tot 2nd 3nd Tur 2nd FAR FAR FAR FAR

SPORTS TIMING

Omega offers a comprehensive range of marathon clocks for hire for as little as £50. These clocks are totally self-contained and come in a range of sizes. The best is not expensive Contact Sylvia Borgenson

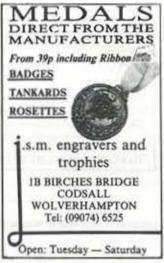
Marathon Co-ordinator Tel: 0703-616600 Fax: 0703-629127

All types of running shoe and hiking boot repairs. **Etsablished Glasgow Business**

S. McFARLANE & SONS

590. Dalmarnock Road Glasgow G40 (junction Springfield Road) 041-554 5030





OMEGA

FOR ALL YOUR CLASSIFIED ADVERTISING NEEDS

CONTACT: MAUREEN MULLIGAN Scotland's Runner 62 Kelvingrove Street Glasgow

> or Telephone 041 332 5738

ARE YOU LOOKING FOR CASH?

If you have any unwanted sports items, why not advertise them in **RUNNER** Classified section?

> From Bicycles to boots......shorts to shinpads. Items under £25 accepted free of charge.

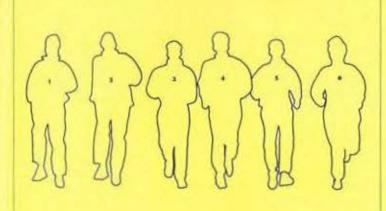
Items over £25 - 25p per word - pre-payment required.

Please make cheques or postal orders payable to: SCOTRUN PUBLICATIONS LTD.

(All Trade ads 25p per word)

Name	Your Advert:			
	l			
Address	I			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	I			
Tel No.				
Value of Article £	Telephone(Please note maximum 25 words)			
Please send to: Scotrun Publications Ltd.	62 Kelvingrove Street, Glasgow, G3 7SA			





- 1 BILL RODGERS THINTECH SUIT: Made from 3M's exclusive thintech coating this 100% waterproof and breathable suit has a two year warranty. The jacket has from and back years, two appeared side jackets, reflective trim, velcos cutts, a detachable bood and a coolmax next living to help wick the sweat away. The trouvers have an elasticated and tie-cord waistband and twelve inch leg rippers. Mens, colours Black/Royal, Womens, colours Navy/Jade, Sizes S, M. L. XL. Price
- 2 SUB 4 GT5000 GORETEX SUIT: Made in England from 2 ply Coretex, this is a more traditionally cut suit, with a longer body length. The jacket has two appeared side pockets, reflective tope front and back, a full length seions storm tlap over the main zip, a collar with a tie-conf and a fully ntegrated bond. The troopers have a tie-conf and elasticated waisthand, reflective tape and knee

- XI. Price £164.99 (available Nov 90).
- FRANK SHORTER/SWEAT SHOP EXCLUSIVE GORETEX SUIT 2: Exclusive to the Sweat Shop we are the only codies that selfs this colour in Europe. The features of the sort are identical to the Rigidity Goretex Soil 2, with three year guarantee, detachable Goretex bood, Goretex flags on all an elasticated and tie-cord waisthand, with appeared and culled bottoms. Colours. Royal/Yelley Sizes XS. S. At. L. XI. Tops £99.99, Trousers £59.99.
- 4 NIKE INTERNATIONAL GORETEX SUIT: Made in Hong Kong, this excellent quality 2 pty Courtex suit has a 100% region outer shell will a Hydrotic rivion mesh lining which wicks that weat through it. The jacket has two zippered side pockets, plus two zippered side vents for increased sentilation. Night time visibility is provided by the reflective tape on the arms and the Coretex bood. The troopers have an elasticated and tie-cord waisthand, two zippered side pockets and nine inch leg zippers for easy removal. Sizes S. M. L. XI. Colour Black/White/Flam
- FRANK SHORTER DIAMOND RIPSTOP GORETEX 2: Improved for 1990 and now with a three Ripstop milen Inp half, with a tough reptop review bottom half and treasers. A polygropelen tacket has reflective pipping front and track, together with a detail hable Goretex book and obstituted and aippeared culti. The mouses have an elasticated and re-cord waishand and cuffs. Colours. Royal/Silver, Black/Silver or Pink/Silver, Sizes XS, S, M, L, XL, Top £109.99,
- 6 FRANK SHORTER RIPSTOP GORETEX SUIT 2: The lightest Goretex suit on the market and in our opinion the best performance suit. The only suit available in the UK where the Coretex is aminuted to the inner liming. The outer falmic of the soil is made from lightweight rigistop hylor The sacket has a quarter length zip with a contoured ilonger; back. New for 1990, the protected with Goretex flaps and the trousers have an elasticated and be-cord waisthand, with appeared and cuffed bottoms. Now with a three-year guarantee. Colours Black, Royal or Purple Sizes X5. S. M. L. XI. Tops E99.99 Trousers E59.99.

	DESCRIPTION		5129	COLOUR	QUANTITY	PRICE	TOTAL
NOVIII				end your cheque/postal he Sweat Shop, 33 Bros 4hr mail order line 981	ad Street, Teddington	Midds.	P&P 40.73
ADDRESS .	POST CODE			THE SWEAT SHOP			
REDIT CARD NO. EXPRY DATE			DATE TIT	23 High Stree	Teddington, Middle et, Woking, Surrey (Il. Reading, Berkshi	GL/21 18W, Tel. (0	483) 729221