PUTTING IT RIGHT

Into every life a little rain must fall — and into most books a few mistakes inevitably creep.

The best-selling PAN/Personal Computer Library of books is, alas, no exception to this rule. Below we present an errata for the series of books — in the hope that it will demystify the odd sentence or program that you'll be typing in from these otherwise excellent volumes over Christmas.

Errata for 'Sixty programs for the ZX Spectrum'

ULA CHIP

If you bought your Spectrum after September 1983 and you are having problems with some of the programs it is quite possible that your Spectrum has the new ULA chip.

To test for this chip, type the following: PRINT IN 57342

If you get the response 255, your Spectrum has not got the new chip. If, however, you got 191 in response to this statement you will have to make the following amendments to your programs.

The changes you will have to make are very simple, and they all relate to the IN statement.

FIG 1

OLD ULA	NEW ULA
254	190
253	189
251	187
247	183
239	175

MINELAY

Lines No. 9645-9750 have been changed as shown in Figure 2 below.

FIG 2

9630 BEEP .04, (g+f)/3
9648 NEXT 9: PRINT AT 4,311" "! NEXT 4
9645 PLOT 16,173: DRAW 3,-18: DRAW 4,18: PLOT
80,173: DRAW 7,-28
7658 PRINT 'THove about the maze picking up
solden eggs, avoiding the mines & also the mi
ne-Twyer.*
.9700 PRINT INK 6'*If you pick up an axe you
can "destroy the mare walls, mines, and th
mine-layer.*
9758 PRINT '"You begin with 3 lives, but an
extra life 's given every 500 points."
PROB PRINT INK 6" QUP Z
DOWN" INK 5" ILEFT PRIGHT"
9988 INPUT 'Press ENTER to start 'IAS
9918 IF INKEYS THEN GO TO 9918
9928 CLS
9099 RETURN

TOPTRAINER

The following line numbers have been changed:

FIG 3

18 DIM 8181

29 NEXT 1: GO SUB 38: GO TO 188

45 NEXT IS RETURN

ANN GO SUB 4000: RESTORE 30: GO SUB 30

672 PRINT "Horse's letter? "1: POKE 23658,25 5

675 PRINT y8: POKE 23658,0

683 IF a(1)(a THEN PRINT AT 21,81"Not enough

Sol PRINT AT 8,81"The WINNER is "INEIJI: LET

8A5 00 SUB 9928

867 CL5

872 IF b(k)=b; THEN LET a(k)=a(k)+b(k)#z+b(

879 GO SUB 9928

5858 IF x(# THEN LET b=b+x! LET x=#

CHOMPER

Unfortunately the wrong version of this program was published. Please write to Pan for the correct version. The one in the book does work, but there were no instructions as to what keys to use. PAN's address is at the bottom of this page.

ASSET STRIPPER

Line 1830 now reads: 1830 IF k1>k2 AND (zxch+eg)>=k2 THEN LET z1=z+.01

MOONLANDER

Line 2020 is the only line number changed; it now reads:

FIG 4

2028 IF H: -0 AND U> =5 THEN PRINT FLASH HAT H: 81 YOU HAVE LANDED": PRINT AT 28-(H1/180) ;coll! " ": PRINT INK 5:AT 28,col!"4": INK 8

Errata for 'Sixty programs for the Oric-1'

ALIEN

Line 20 — delete the last statement: LET C=O. Delete line 60. Delete line 74.

HANGMAN

Lines 304 onwards were unfortunately missing from the book. Please write to PAN for the completed listing.

MINELAY

Delete lines 4575 and 4576 on page 285.

Errata for 'Sixty programs for the Dragon 32'

In the introduction there should be an extra paragraph which reads:

There are one or two circumstances in which your Dragon will refuse to RUN a

perfectly correct program. The most common of these errors appears as '?FC ERROR' and occurs when a program attempts to access the Dragon's high resolution graphics. If a previous program has reallocated the area normally reserved for graphics to BASIC use, then when PMODE is used an error will be generated since there will be no graphics pages available. To solve this problem we simply need to CSAVE the program on tape and turn the Dragon off, and on again. Now reload the program and the Dragon should work normally.'

DEFEND

The following lines were omitted from the book: lines 485-675. Please see the complete listing earlier in this section.

SOCCER SUPREMO

Insert line 6325 which reads: 6325 X\$=*

EVOLUTION 2

Line 500 — delete ":" at end of line.

MOONLANDER

Delete lines 9990, 9991, 62500 and 62700. These lines are found on page 118.

Errata for 'Sixty programs for the BBC Micro'

You will come across the 'I' symbol in the listings; this is, in fact, the 'I' character which you will find above the "' on the BBC Micro keyboard.

PICTURE PAIRS

This program was unfortunately SNAP in the book, the listings of PICTURE PAIRS can be obtained from PAN at the address below.

MORSE TUTOR

Line 1220 has been changed as shown in Figure 5 below.

FIG 5
1228 DATA,,,,
**
, -, -, -, -, ,,,, ,, ,, -,
,,,,-,,-,,-,-,-,-,,,,,,,,,,,

EVOLUTION 2

Unfortunately Evolution 1 was published twice, so write to PAN for a listing.

For further information contact Elizabeth Kinnell, Pan Books, Cavage Place, London SW10.

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Well, not quite next week – but in two weeks anyway. Micropaedia will be back with a complete three-part guide to the Acorn Electron micro. The first week will take a look inside Acorn's cut-down BBC, and then followed by a discussion of software and peripherals for the machine in the following two weeks.

We'll also take an A-Z sampling of the Electron's BBC Basic programming language with a look at some of the keywords and programming examples showing you how to use them.