

## THE NEW SINCLAIR HAS ONE BIG DISK-



THE SINCLAIR ZX SPECTRUM + 3 WITH 6 FREE GAMES AND A JOYSTICK.

## ZX SPECTRUM+3. £199



The new Sinclair $Z X$ Spectrum +3 is a real hero - because it helps you to be one.

While you're a daring motorbike rider or the all-conquering intergalactic warrior, you're gaining priceless experience in handling computers.

Loading games is quick and easy with the built-in disk-drive. You'll be in the thick of the action in seconds. And the fantastic 128 K memory gives you the power to outsmart the most sophisticated enemy.

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But the real hero is the person who buys it. For the ZX Spectrum +3 is only $£ 199$, so they've really saved the earth.

## ZX SPECTRUM+2. £139



The amazing ZX Spectrum +2 has a built-in datacorder - to save you the bother of tape recorders and leads. The advanced 128K memory helps you get the most from the vast universe of games available.

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With the advanced Sinclair technology you can afford to let your imagination go wild. Because at $£ 139$, only your enemies pay heavily.

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## Sex On Your Micro 56

Bet yeu wart erpeeting amut, Hahl You're wrong. tr's just that somathing inspirad ar (guess what) to do this deflaifive survey into what, if saything, semasests Page 3 of the Sun with the soflware indusiry.



## BURNING

 WITH EXCITEMEN

# SUPERCHARGED DESTRUC 




## HYPER ACTIVE - THE GAME INSTRUCTIONS

This month's Megagame, Hyper Active, features such amazing music effects and gameplay that you'll never believe lt comes sellotaped to the cover of SU. Special FX Software has laboured hard to make Hyper Active a great blast with all the features of a full-price game.
Hyper Active is compatible with Sinclair, Kempston and cursor joysticks. You can also play using the keyboard, using keys O (up), A (down), O (left), P (right), and $M$ (fire), or define your own control keys including a pause.
bottom of the screen to locate pods. When you have collected all eight, destroy the remaining aliens to complete the level.
There are millions of aliens, all of whom hate smelly, pod-stealing spacemen. If you hang around too long, they'll be joined by a noming saucer which is even faster and more vicious.

The next level, the Dragon Wave, features four wriggly space-snakes which can only be kille


## ABOUT SPECIAL FX

$\infty$o, what's all this excitement about special FXY How has a small development house made such a big impact in one short year?
Special YX was founded by Liverpool lad Paul Finnegan. Panl worked for Imagine in the early days of the legendary software house, then moved to Ocean in 1984. Last year, though, it was back to good old Liverpool, and a new headquarters in the Albert Dock complex, Why Liverpool? "I've always believed there's great programming talent in Liverpool, and te's a great environment to work in," commented Paul.
Co-director of Apecial FX fs 21 -year-old Jonathan $8_{\text {mith }}$, who folned Ocean straight from school and produced some itttie scorchers like Hypersports, Cobra and Mikie. Jonathan does all his own graphics, and he's now get 11 other people to help him out!
First Spocial FX project, Hysteria, was sold to
Software Projects in late
'87. Since then the team has been thundoring away turning out great stuff
incinding Firelly, which was marketed by Ocean on the Special IXX label, and Gutz, Which is Previewed in this ish.
Apart from producing the unbelievably megabrin Hyper Active for SU, Speofal IXX is worlcing on more Epectrum Games for Ocean, as well as a series of innovative 16-bit games, the first of which is due out in late 588.
So now you know the fax behind PX (Who wrote this bilge? - (9x) get on and play Hyper Activell


## 20 BRAND NEW POKES! <br> Last month we gave you 100, true, but these 20 <br> 10 XARAX

pokes are all pristine fresh and bursting with newness. Machine code hacker extraordinaire Adrian Singh has been tied up in the basements at SU HO and has produced for your delectation:
1 MASK III - VENOM
STRIKES BACK
2 KARNOV
3 ENERGY WARRIOR
4 SPORE
5 FRONTLINE
6 GEE BEE AIR RALLY
7 SUPER TROLLEY
8 SABOTAGE
9 CROSSWISE

11 MERLIN
12 GOTHIK
13 FRIGHTMARE
14 MAGNETRON
15 CRAZY CARS
16 DAN DARE II
17 TIR NA NOG
18 TANKBUSTERS
19 GHOSTBUSTERS
20 BUGGY BOY
As ever the whole thing is a doddle to use, just load up the Pokes section after the game and select your Poke from the menu. Then load your game and volla! - infinite lives or whatever!

"The Number you fiave dialed is not of this earth. You have opened the gateway to an afternative reafity. You are being comected to anotfier world inamother time. Where YOLI are another person. Welcome to F.i.S.T."


WHAT IS...
Dick up your telephone. Dial the FIST number. And you are immediately connected to a medieval fantasy world of magic, monsters and great riches to be plundered. A world where YOU are a heroic adventurer embarking on a quest for fame and fortune... if you are skillful enough to survive.

The world of Castle Mammon - Lair of the Demon Prince - created by the fertile imagination of gamesmaster Steve Jackson is brought to you through the state-of-theart computer wizardry of Computerdial Ltd. The creatures and deadly traps which await you in Castle Mammon are brought to life with dramatic sound effects

THE WORLD OF FI.S.T.
When you dial the FIST number, you will be offered the choice of either starting the adventure immediately or choosing other options. An easy-to-follow system of menus will guide you through the options currently available. Simply listen to the instructions and dial your choice. The world of FIST will be in a constant state of development, so not all features will be available from the start. Current plans include:
FIST Rules - A guide to Hints, Strategies and Rules of the game ( 5 mins ).
Background - To the Castle Mammon adventure ( 5 mins ) [NB: The text of both these options are provided free in the Adventurer's Pack]
Monthly Competition - The FIST Challenge! Find the dungeon exit and register your plundered Gold Pieces at the Adventurer's Guild. REAL GOLD PIECES to be won every month!
The Black Claw Tavern - A group discussion line which will connect you with other adventurers calling at the time.
The Adventurer's Guild - Details of how to join the FIST Player's Club
The Adventurer's Academy - A fast-moving 'monster bash' designed to increase your combat skills
General Store - The village shop where you may 'buy' magical weapons, armour, potions and charms with your Gold Pieces to help you in the adventure.
COMBAT SYSTEM
You start each adventure with a pre- set level of stamina 1 which reduces in battles when you are hit. You fight monsters by dialing in your combat strategy. Experienced FIST players will be better swordsmen than novices through the ingenious combat system which allows players to learn the best ways to tackle different monsters. Can you crackits secrets?
and new gaming techniques. You can hear the Roar of the Flesh Eater as your sword bites; the Sizzle of the Fireball bursting towards you, the chinking of the many Gold Pieces you will find hidden in the

Demon Prince's underground dungeon.
YOU make the decisions which direct your adventure, simply by using your telephone to dial the number which represents your choice.
Enter the Monthly Competitions - where the most skillful adventurers will win REAL GOLD PIECES! Further details in the free Adventurer's Pack

HINTS ON PLAY
eep a pencil and paper by the telephone to track your - choices. Keep a map! Dial 0 to repeat the previous message (useful for repeating options). Dial 9 to hear your Character Status (inventory, provisions, stamina and option to store your character on the computer for your next visit). Dial known options during text to skip out through familiar areas of the dungeon into uncharted regions (not all phones can use this facility). Send for the Adventurer's Pack (see below) today!
Characters in limbo
Want to save your character? Send him into LIMBO before you hang up. If you call again within four weeks you can retrieve him from the FIST computer and continue where you left off. No frustrating "forced restart". Limbo saves time. And money!
ADVENTURER'S PACK
ur free FIST starter pack contains all sorts of goodies, including:

- A description of the background to Castle Mammon, the first FIST adventure
- The game rules (as much as we'll let you know!) with hints and strategies
- A membership form for The Adventurer's Guild, The FIST Player's Club
- How to get yourself a Tone Dialler (helps speed up the adventure) if your phone is not DTMF compatible
- News of latest FIST developments
- Just send your name and address on an A4-sized stamped, addressed, envelope to:
FI.S.T. c/o Computerdial Ltd, P.O. Box 530, c/o Kensington Sorting Office,
24 Earls Court Road, London W8 6DA


Demon Prince's undead legions and deadly traps. In order to succeed you must enter the dungeons, gather as much treasure as you are able to discover, find the Escape Route and return to the Adventurer's Guild in Beckbridge to register your score of Gold Pieces.

Brought to you by Computerdial Ltd.
DIAL
0898800876

## G ON

IIn this month's looking groovy and feeling fruity Zapchat, we have the complete low down on Cyber noid - the latest smash from Andrew Hewson's laboratory. Not forgetting all the best in charts, the return of the High Scores and possibly even a Poke Corner hiding somewhere. Yes viewers! Once again you have 'tuned in to the tips column with the highest readership (Gasp), the brightest spash of colour (Gawp), the most interesting tips since Micro Live (Gooerp). Yes, it's the place where things are 'happening', where things are 'going down' (man), where it's at. So, grease your nipples, tweek your tweeky bits, put on your billowing costume drapes, and hot foot it through the columin with the grace of a wispfooted pixie on the red toadstool of IIfe (7?). It's bigger than a jellytish!
put and keep shooting and
put and keep shooting and
where to push on. (The real way to succeed 1 s , of course, to cheat|I
At the start of Level ; things are easy going - in screen two collect the electronic mace. With this you can bash a few alien creatures on the head and cot lect some bonuses immediately. Screen three is where the mace really comes in handy - to destroy the affen at the bottom of the screen, simply crash into it with the mace. Your first tricky spot will probably occur in the following streen. You'll have to

RIght then you young fella me lads, I seem to remember promising a great wopping spandouly on Cybernoid -so here it is.

## LEVEL 1

As you are all aware (unless you are now aware, ahem), Cybernold Involves collecting jewels and stuff within a certain time limit. These bonuses are dropped by the allens when

> STANDBY TO ACCESS CYBERNOID . . . Hewson
> Section writer: Jon 'Oh God, were all going to dle' Riglar
destroyed and with each succes-
sive level the amount required grows greater. The way to succeed is to know where to stay
destroyed and with each succes
dodge in and out of the plpework to avoid the alien bullets if this proves too costily on the old Ilfemeter, then use your



shleld. Watch out for the scramble style rockets at the end. Throughout Cybernoid, you are goling to encounter the rather nasty plpes with attens bouncting up and down and blocking your way. Things get pretty hectic.

with you.
There should be no further problem until you encounter the bug again a few screens futher on - this time it's a big heave-ho as your craft blasts its way through the blocks to reach the exit without hitting the bug. Two screen on and it's the end of this level. Destroy the cilinging alten on the celling, plug your craft on to the final exit and then wait.

## LEVEL 2

Straight into the fire (cue for a song) with you this time - the very first screen is full of Itttle traps and the old rockets which

No problems from here on until you arrive at a set of rockets, placed both on ground and on the celling - either use your shield or some bombs, but don't try to run through otherwise. Keep going past the next set of rockets |the screen is also full of allens) and then on to a pipe maze. It's fairly simple as long as you take care not to rush it and hit the aliens collecting on t'other side. Then you're at the end of Level 2

## LEVEL 3

Pretty easy really - watch out for the rockets in the first few screens, followed by quite a few allens hanging loose on the celling and ground. (How something can 'hang loose' on the







## 1 down to the

 beach? We're goin' in Jerry's jeep. Yehl We can hang out down on under the boardwalk and crack some cans and chew some gum and like, relax. It'd be cool. Y'comin'? Alriiitel"Of coss, we'll have to get there first. The road's kinda screwy. All bumps and hills and rocks an' stuff. It'll be a hairy tlme, but kinda cool too.

Yes, Californian people are remarkably stupid, aren't they? (Jim, this is quite
unforgiveably racist. Don't do it again! GT). Not a thought in their heads apart from having a "zany" time. Pathetic, isn't it? Still, some good things come out of their lifestyle. For example: Elite has made a ruddy good game out of one of their favourite pastimes - driving a buggy at high speed over rough terrain.

As you can tell from our review on page 27, we thought Buggy Boy was fab, and if you fancy the idea of


FINHTER
 YOURE WRONG, SO SHUT YOUR MOUF! IT'S VER FIRST - - EVER SMASA COUPON OFFER JOB WRITTEN BY ME LOOOOARARDDSAAAMUNNEEEEEEEEEYYYM SHUT UP! NOW THISSE BLOKES DARN AT SINCLAIR USER WANTED WELL 'ARD NUTIT BLOKE LIEE ME TO GET YOU TO SPEND YOUR WODGE ON STREETFIGHTER FROM US GOLD.
ITS A WELL MAGIC GAME IT IS, MAGGIC. YOU CAN CLOBBER
ALL THESE WEEDY SAPS WHO OBVIOUSLY 'AVENT GOT NO MONEY RND SO VEY WEAR SHHTUPDD CLOVES LIKE DENIM JACKETSE: WAAAMAAAAANNNGGGAAAAASSS! ANYWAY, YOU'VE GOT TO GET YOURSELF ONTO VER STREET - HENCE THE NAME - AND SLAAP THEIR SHTUUPIDD CHOPS!
AABAARAAAAABAARARAR!
ITS GREAT, AND IF YOU 'AVENT GOT LOADSAMONAY LIKE ME, YOU'LL PROBABLY BE WONDERIN' OW YOU CAN GET IT CHEAP, LIKE. TOO BLOODY RIGET YOU ARE. THE MORE YOU SAVE ON THE GAME, THE MORE MOOOOONNNNEEEEEEYYYYY YOU CAN SPEND ON OVVER STUFF LIKE CARS AN GIRIS AND BOOZE. AAAAAAAAAAAAA!
AND VATZ WARE SINCLAIIR USER COMIS IN. THEY'RE SUCH A BUNCH OF 'ARD TYPES THAT THEY'VE "PERSUADED" (AAAAA) US GOLD TO REDUCE VER PRICE FROM $£ 8.95$ TO 27.45 WHICH ISNT VERYMUCHMOOOOONNEEEEYY AT ALL.
SO GET OUT YOUR CHEQUEBOOKS AND GET WRITING!
YOU KNOW IT MAKKES LOOOOARA ASSSSEEENNSSEE!
taking a blast across a number of highways all in a remarkable state of disrepair - in a fantastic buggy, this is the game for you.

Follow the usual procedure, and a copy of the game will be bouncing up your drive in days (28 in fact)

If you thought that Sidewize was the ultimate shoot-'emup, you were pretty soft, weren't you, because Crosswize is even rougher, tougher, and, er . . . more ultimate.
rather tasty selection of weapons. You got a laser, a tri-bullet, surround-fire, shields and the famous smart bomb, so imagine how much fun you can have at the expense of the slimey aliens. BUT it

## (i)

Three levels of mayhem as you steer your space-suited hero through wave after wave of evil aliens, blasting away with a
needn't be so expensive for you (great link, David!) because you
can get a fabulous $£ 1$ off Crosswize, by special arrangement with those lovely cuddly people at Telecomsoft who you can never get on the phone. Don't forget to cut out and send in the coupon with your order, otherwise a brand botty-smacking new copy of Crosswize won't drop through your letterbox within 28 days. If you remember the coupon it will


With lots of
different
opponents, and detailed backgrounds including street scenes, a pool hall and a car park, Target Renegade should keep you harmfully occupied for ages and ages. So you won't really want us to give you money off, will you? But we will
anyway, 'cos that's the kind of people we are.

Just cut the coupon, scribble out a cheque for £6.95, send it off to Ocean, and about 28 days later a great hairy lout will come and kick your door down, stand on your dog and stick a copy of Target Renegade up your nose*
*Not actually, as Gremlin would say.



## Consindol <br> CRIIE! WIN A NIDEOPLATER!

Picture the scene. You're at home. It's a rainy Sunday afternoon. The Spec has been trodden on and is in the menders. You're bored out of your mind and Auntie Dolly's monopolising the TV. You're coming dangerously close to being roped in to a game of Trivial Pursuit by your smartalec sister. It's a bad scene. You've got two options: 1) Sit out the rest of the afternoon on the brink of insanity watching watching Songs of Praise from the Highway Down Your Way (repeat of Xmas 19613 hour special) or shoot upstairs and feast your eyes on a host of delights like A Force
got a nice bum hehehehe titter belch etc.'
And because it's all to do with T.R. we've included a couple of suitable films too. There's everyone's fave moustachioed hero, Chuck Norris a-bashing and acrashing his way through shocking untold numbers of fiendish orientals in A Force of One. We've also got Rocky IV in which triangle-shaped men hit each other quite a bit (or so I'm told - I'm not really up on boxing movies).
Of course there are runnersup prizes too, and we'll tell you about those in a second. But first:

of One and Rocky IV on your video player.
What? You haven't got a video player? Well we'll soon sort that, because as luck would have it, in celebration of the fantastic Target Renegade take a look at the cover and the review on pages 42 and 43) the violently lovely people at Ocean have given us a very nice indeed thankyou Saisho GP3000 video player and a couple of movies to get your video eollection going.
Simply disconnect the Spec for an hour or so (I know it's tough, but do try) and hook up the ployer, whack in a tape and watch away. No worries about the dog's weak heart condition or your sister's stupid mates coming round and saying, "Ooohl Who's he? He's

The Questions:

1) Ocean's Renegade (the first game) reached which position in our chart? 2) What colour (apart from the beilt) is a karale oulfit? 3) Name the artist of our centre-spread poster (and most of Ocean's other artwork)

## The prizes (again):

 1 st Prize: A Brand Spanking New Saisho GP3000 matt black (trendy trendy) Video Player. A copy of Ocean's Target Renegade 2nd Prizes: 20 lucky runners up will get a copy of the game. Send your entry to: I'm a mad killing machine, so don't mess with me Compo. Sinclair User. 14 Holkham Road, Orton, Peterborough PE2 OUF. Comp closes June 30th.

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## PROG <br> OCK





 the Preview spread．Becase unt
game isn＇t officilly launched until 7th May when it will appear on Get
Fresh，the Saturday morning kids＇






言

For a long time now，members of the
 cries of，＂I wish I could fly，＂ Vomitsoft，it＇s all down to our
reemed Edirhm Taylor has long
Yes，Sir Graham Taylor has long
wanted to be an aircraft pilot，and despite the fact that his contact lenses keep going all wonky，this month Activision game him the chance to do
iust that．




ASTM









## 

## PRESENTS



Bowl or Bust! Fred and Barney want to go bowling but Wilma has other ideas . . . . . and guess who's left holding the baby? Join The Flintstones in this officially licensed arcade adventure based on the famous Hanna Barbera cartoon characters.


AVAILABLE ON:
Spectrum $£ 8.95$.
Amstrad 464 cassette $£ 8.95$, disk $£ 12.95$. C64/128 cassette $£ 9.95$, disk $£ 14.95$. Atari ST and Amiga £19.95.


David Shea is the man behind Elite's Ikari Warriors, the game everyone thought would never come out. We pinned him down at Kent University, where he exclusively revealed that it wasn't his fault. While we were at it, we asked him for his thoughts on the meaning of life, but mostly how much he hates Birmingham

## IT WASN'T HIS FAULT!

I wrote the Amstrad version of Ikari Warriors, then I went to Kent University where I'm studying computer systems. Someone else was supposed to be doing the Spectrum version, but when he finished it, it was no good, so I went back to Elite and did the Spectrum version in a month. Then the release was held up until the Commodore version was ready.

## HE'S DEAD

 LAZY!I like taking things easy, and I don't like work at all. The only ways I can force myself to work are when there are other people depending on me and I don't want to let them down, or when I'm offered vast amounts of money.

## HE HATES BIRMINGHAM!

I hate Birmingham. It's got no character, and I have horrible memories of staying in a grotty bed and breakfast place there while I was working for Elite. I like
Liverpool though - I've got family there.

## HE'S A BITTER MAN!

I can't stand lager of any type. I'm a bitter man - my favourite's Canterbury Ale.

## IT'S SPRING ONION CRISPS <br> EVERY TIME! <br> I like spring onion flavour crisps. Or

 prown cocktail, they're not bad.
## HE'S A BIT OF <br> AN OLD

## HIPPY!

I don't play a musical instrument, but I like music, particularly Gerry Rafferty, Genesis, and Queen.


OK. So who says all programmers are a bunch of weirdos?

## HE LIKES SHOOT-'EMUPS!

I like simple games where you don't have to solve puzzles or anything like that. I'm playing Carrier Command at the moment. I hate anything with thousands of rooms, I like things like Zynaps.

## HE DRIVES A

SPIFFING CAR!
I'm thinking of taking a driving holiday in America, touring the West coast. But l've only just got a car - if's a BMW Series 7.
HE'S A

## SPORTY CHAP!

I'm chairman of the university volleyball club, and we arrange lots of trips and social functions, so that's the centre of my social life.

## HE'S NOT A TABLOIDS SORT OF PERSON!

Who's my favourite Page 3 girl? Er, I don't know really - I don't get the

## HE LIKES <br> WILL HAY! <br> Favourite films? I quite liked

Stakeout - apart from that, Will


Hay (ancient British comic famous for playing daft headmasters).

## HE DOESN'T LIKE BEING A GOOSEBERRY

My idea of a horrible night out would be playing gooseberry with my flatmate and his girlfriend.

## HE'LL <br> PROBABLY BE WRITING GAMES UNTIL HE'S 90!

I suppose I'll carry on writing games for years. Apart from that l'd like to work in special effects for films, but I don't suppose that I ever will.

## HE DOESN'T HAVE ANY PROFOUND THOUGHTS ABOUT THE MEANING OF LIFE!

Not at this time of day, no.

## SOFTOGRAPHY

Frenzy (Quicksilva, 1983), The Snowman (Quicksilva, 1984), Hijack (Electric Dreams, 1986), Ikari Warriors (Elite, 1988)


At last, the best news I've heard all week, month, year! "What is it," I hear you cry?

I'll tell you. In April's edition of the mega cool SU, I was reading the Charts, and hang on, wait a minute, Renegade has got ten stars and a Classic! Could this be true? Did Graham Taylor come to his senses? Or did you have to beat the sense into him? Anyway, to celebrate this you can all come round to my place for a celebration all-night party. N Hanning Middlesex

Sorry to disappoint you ' $N$ ', but it was a mistake an we put it right last time. But we'll be round your place in half an hour. C'mon Troops!

Could you please increase the number of swear words in your mag. It gives so much more effect to the mag. I mean, instead of 'effective' you could have 'bloody effective'. I am begging you to use more swear words. It's bloody important that you do this!

## Anon.

## What! With Taylor censoring

 every ***** word we ***** print? No chance. 'Specially as you don't say who you are, yellowbelly.Somebody help meeee! Hello there, do you know what l've gone and done l've lost the Poke Book and do you know what was in it? The poke for Thundercats and I need it?
I would be very pleased if you lovely, nice people at ISUI could print it for me on the Letters page. Cheers, The Bear. I mean, Mr Bear.
Change the subject. One day I was playing Game Over, and when I got to the seventh screen I tried to shoot the cannon. I died instead, but surprisingly enough I got 238 extra lives. Strange, but it certainly helped me to complete Part One.
Andrew Muir

## Cambridge

No. We won't take up space with that but we'll send you a noo book instead. As for Game Over - you know what you done? You found a bug.
am here to lighten the
hearts of all the arcade players who buy arcadeadventures. I bought Garfield an could get nowhere with it. But I persisted and thanks to this persistence, I managed to finish the entire game. What a sense of fulfilment and achievement, I was so happy.

I think people should just
keep trying.
And now a word about the mag. It is excellent, it is totally cool. I enter all the competitions, and the Gremlin
caption competitions are great. All of Gremlin is sponditious and ZapChat in colour is cool. Outlands is suitably Outlandish, and is definitely one of the best bits in the mag. In all, this makes up to the best magazine around.
David

## - Apart from the fact you don't

 have no surname and you don't come from nowhere you're my kinda guy.In the March edition of SU, I noticed a number of letters with complaints as to the sound quality of the Sinclair +3 .
I have had my +3 model since Christmas and have, "touch wood", experienced no problems as to sound distortion with any of the many games I have used.

Furthermore I have not experienced any problems with loading or saving from both disc and tape.

Summing up, I am very pleased with my +3 and would recommend one to anyone. Martin Perry

## West Midlands

- Anyone alse got anythin' to say? I must say our office +3 sounds like it's underwater.

I
luuurve the Mega tapes.
They are the best thing since musical Christmas cards! All the pokes, demos and games make them well worth the money. Please, please, please carry on making the Mega Tapes for as long as $\mathbf{S}$ lives.
Neil Mercer Wilts

## OK kid. <br> - on kid.

 sessi, want some money? Us old Intorruptibles at SUJ have got a erisp ten pound Um . . . cheque Just waiting for you as roward for veur contribution to a brand aew feature called:

## PRAISE SU TO THE SKIES!!

All you have to do is write us the mest over the top, oxcessive, fulsome, extrevagant, oxireme latter of praise we've ever seen. The most truly superlative each month will win ten poundsl Here's the sort of thiag we mesan:
1/ ay the sun shine out of your collective rear ends forever To read your magazine endows me with such a sense of privilege, inspiring me to higher and greater heights than my degraded existence would otherwise allow.
I find the staff highly intelligent, charming and stunning in appearance, what pearls of wisdom they write, oh if only I could meet even the lowliest cleaner at SU, my life would indeed by decliciously complete.

And all for a mere £.1.50 as well. Why do the proletarian morons complain? What are material possessions when compared to the fulfilment and purpose that ISUI gives one?

Kamikazel What a fun loving bundle of fluff he is! I grovel in a revoltingly base manner to the genius who inspired this gleeful little pumpkin. Yours sincerely and devotedly, a humble and loyal servant, Peter Hoare
Bristol
Kami says: "Sive that bloko tan quid."
Send your lefter to:
"You really are totaly fab and I'm not just saying that for the money" SUI Maga Control, 30-32 Farringdon Lane, London EC1R 3AU.

## Don't forget to inelude your name and address.



Ttime and Magic contains three of level 9's finest adventures; Lords of Time, Red Moon and The Price of Magik. Having played these the first time around, I was curious to see what improvements, if any, had been made.
According to the accompany blurb each game, "has been enhanced and enlarged with more text than ever before 60,000 mind-expanding words creating magik and mystery around every corner." Their modesty obviously knows no bounds.
For your money you get a pretty blue box, three cassettes (one side of each is for 48 K Spectrums and the reverse side

is for 128 K ), a novella which gives you full loading instructions, some hints on each game and a story to set the scene.
No piccies in these
adventures, but if you saw the original graphics then you will realise that the extra text more than makes up for the lack of artwork!
In Lords of Time you get to travel through the ages inside a grandfather clock. You quest is to search through time to collect nine essential artefacts which, when combined, will

protect Time and Magik and avert the evil being planned by the Timelords.

Red Moon gives you the opportunity to bash a few beings and cast a few spells in
changed. The text was indeed enhanced but the puzzles and problems were virtually the same as in the original versions.
Be prepared to use up lots of

## 

## CREATORS OF THE AWARD WINNING DFREEERE



FEATURING
missian: Locate B destroy Zephyr Dne weapon on Darh Side. Avoid Plehar tanks. Disable Tlatriн ECD's, use tunnel netwarh and jet pach to best advantage. Time is short. EMD


- IN THE TOP SLOT: PLATOON

CHART COMMENT FULL PRICE
Not much excitement again this month, as Predator rushes towards the number one spot, leaving everything else strugg firmly in its wake. Platoon remains entrenched at the top, whily manage Rolling Thunder can only mampions, number 7. We are the Chasises the a new entry at 15, emphasises successful speed with which even success games are re-released, liat we seems like yesterday that we reviewed Rampage, Sup International Karate Plus.
and Intern

| 1 | GHOST HUNTERS |
| :---: | :--- |
| 2 | DEAD OR ALIVE |
| 3 | DANGER MOUSE |
| 4 | TERRORS OF TRANTOS |
| 5 | PLAY IT AGAIM SAM |



$7{ }^{3}$this reviewing lark isn't all it's cracked up to be. OK, so it's got loads of perks as many copies of EastEnders as you can put down your trousers, endiess supplies of Gremlin springy promotional "Things" - but there is a definite downside lurking just beyond the flashing warning beacon that is overenthusiasm.

Soldier of Light is ACE Software's first coin-op tie-in. It's been coded by Christian Urquart, who was responslble for the businss end of Xecutor, ACE's first, and much acclaimed release.

( (1)

Comparatively speaking, Soldier of Light doesn't come close. White X . was original and exciting, Soldier merely contrives to be an acceptable, though not particularly faithful, conversion.
Scrolling from left to right acroiss a range of monochrome backdrops we find Xain,
defender of all that is worth defending, and clobberer of everything eise. The rate at which you can wipe out the bad guys is determined by the size of your equipment (fnar fnar). By picking up 'P' signs on the ground, you can enhance your firepower from a single-shot no-use-to-anyone affair, to the completely invincible gun which fires three parallel bolts of photon death each time you hit fire.
The enemy troops come at you in waves, having a nagging, irritating effect on your damage meter (top middle of screen). Even so, It's vital that you don't get hit too many times in the early stages of a level, as you'll need all your energy at the end when you complete the End of Level Larger-than-the-rest Alien. The graphics, as you can see, aren't particulariy Impressive.
They're a bit clumpy, and not especially attractive. Compared with some of the budget materiat coming from people like Players, it's a pretty poor show. Scrolling is handled merely in a workmanlike manner.


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For a vertically-scrolling medieval Ikari Warriors/ Gauntlet clone-ette, Desolator ain't 'alf bad. Taking the role of fearless hero Mac, you have to invade the castle of the evil Kairos, the Great Salad (well, that's what it looks like on the press release, but I'm sure it's a printing error).
But why, oh why, would even the roughest toughest hero want to risk his life in such a foolhardy enterprise? Well, at heart he must be a great big softie, because it's all in aid of a group of spotty schoolchildren who have somehow become trapped in Kairos' magic mirrors ("Mum! Me head's stuck in this 'ere magic mirror!").

So, proceeding through the levels - loaded separately in 48 K , or all together in 128 K what do you come across?

The backgrounds are very nice, shown in perspective from above. You start off with no weapons at all, and only your mighty fists can ward off the enemies who spring up around you in puffs of smoke. Smack them on the nose and they collapse convincingly, but you won't deal so easily with the

armoured knights who pop up later on. They'll throw streams of knives at you, and if you bump into them, just watch your energy meter plummeting faster than a sack of puppies in a lake. (Jenkins, I'm going to report you to the RSPCA if you don't start playing nicely right nowl - TH).
improve your score and your self-esteem. (Well, the more money, the bigger yer thingy gets, don't it)?
Every so often you'll see a magic mirror set into the wall.

Stand in front of it and smash it, and lots of little weeblies run out. You must catch them before they disappear, and if you capture 9 you become temporarily invulnerable, and can walk happily through anything. I think this must be the solution to the chamber at the end of the level, where you find yourself trapped by dozens of floating heads which give you a good going over.
Other features include jolly land mines, happy flamethrowers and whizzo rolling barrels. Action-packed cross between Gauntlet and Ikari Warriors, without the impact of either

Label: US Gold Author: Source Software Price: $£ 7.95$ Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$ joystick: various

So you'll be wanting some well hard weapons, won't you? Just look for the symbols with the big bombs on them, and you'll get some authentic medieval hand-grenades to fling around. Don't waste them, though, because you'll need some to blast your way through doors and across drawbridges later on.

You'll also come across transporters which flip you to otherwise inaccessible sections of the castle, and giant urns, which, when knocked over, turn all the surrounding baddies into LOADSAMONEY! Pick this up to





2

ARCADE -

## REVIEW

Plenty to see and do then, just like Chessington Zoo, but, also like Chessington Zoo, if you've seen it once, you've seen it a thousand times. Desolator isn't sufficiently original to earn a top score, and there are plenty of annoying points, like the baddies who look identical to the hero, and the ones who refuse to lie down even when you drop a hand-grenade right on their heads. Nay bad, then, but nothing to split your
buskins over



Now, we all know that the public image of the typical computer user is a small, spotty youth in an anorak and tatty trainers, hunched in a semi-darkened room trying to blast the last space pixie on level 99 of Alien Brain Gobblers at one o'clock in the morning. But you're not like that, are you? (Cries of "I am, I am!" - shut up, Dillon.)
No, the real computer user is a tough, macho type who enjoys healthy physical exertion and getting duffed around a bit,

In the game, you take the role of a lowly cadet at the Lazer Tag Academy, whose aim is to progress through the ranks so that you don't have to spend your free time cleaning other people's boots. To do this you must demonstrate your proficiency at two disciplines; Rabbitoid, a free-for-all shooting contest, and Target, a test of accuracy and skill.
In each game, you move through the

games, you're playing against a timer, and are awarded bonus points for speed and number of targets hit. You lose one of your six lives every time you are shot or run out of time.
Technically competent, Lazer Tag misses out on any sort of exciting or involving gameplay. A perfect example of the sort of licensing deal which, I'm afraid, gives licensing deals a bad name

## mirpientin

## MASTERFILE PLUS 3

UTILITY Label: Campbell Systems Author: John Campbell Price: $\mathbf{5 2 9 . 9 5}$ Memory: $\mathbf{1 2 8 K}$ Joystick: none Reviewer: Chris Jenkins
Powerful database package exploiting the advantages of disc to the full

Masterfile Plus 3 is an updated, discified version of one of the most popular database packages for the Spectrum. It works on the same sort of principles as other databases; you can define the sort of information held in each file (up to 60 "fields" per record) enter huge amounts of information (for instance, a thousand names and addresses with up to 254 characters in each), and sort through the info in various useful ways.
Boxes and panels of any colour can be added to the files to create labels, index cards and tables, and you can even perform calculations within records using spreadsheet-like formulae.
The program's totally menudriven, so even a duffer can use it to create, for instance, address lists, collection files, stock control routines, price lists, club records and so on. Just the sort of thing the Plas 3 was designed for

## 



## SPY VS SPY TRILOGY

ARCADE Label: Databyte Author: First Star Price: $\mathbf{5 9 . 9 5}$ Memory: 48K/128K Joystick: various Reviewer: Tony Dillon

## Espionage mayhem with triple value. I think it's good

Rspy hates the white spy, and vice versa. Through the ages and pages of MAD magazine, they have relentlessly pursued each other in an endless attempt to wipe out one another
Spy vs Spy, the computer game created a split screen two-player environment and was hailed as the best thing since Sam Fox lost her voice. The ideal of laying booby traps for each other in sophisticated attempts at mindless violence was widely loved, and so a market was created for sequels. Two were released. The first set our protagonists at one another's throats upon a desert island, and the second set them somewhere on the north pole. Both were loved, and now you can get these two, and the second sequel all on one tape. Now that's what I call a good buy.
The graphics have been well translated from the original artwork, and all the familiar explosions and stuff are here. The sound is pretty average, but it doesn't detract from the gameplay at all, so who's complaining?
A good value package, and one that will certainly please fans of the strip


## WEREWOLF SIMULATOR

ADVENTURE Label: Top Ten Author: The Screaming Djinn Price: E1.99 Memory: 48K/128K Joystick: none Reviewer: Tony "Hairy palms" Dillon

## Regular budget adventure codswallop with an unusual. ly misleading tifle. For the casual adventurer only

Don't make the mistake of thinking that this is what the title implies, an exciting 3-D simulation in which you hear the laboured breathing, see the fangs sprouting, and watch as you transform into a slavering monster. No such luck. What we have here is a standard GACed adventure.
You begin with very little idea of what's going on, and with the help of various clues such as telephone messages and suspicious injuries, figure out that you're a journalist who has been attacked by a werewolf. The adventure runs quite fast and some of the graphics are of a high standard.
There are some oddities though, at one stage the text read ". . . leads west to 2nd Street." I typed, "go north," and ended up in, you guessed it, 2nd Street. A long curved street? Some common commands such as Examine seem to be ignored much of the time, and overall what promises to be very good from the synopsis ends up as just mediocre:



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## "FROM OUT OF THIS WORLD...





## THIE FIGHIT <br> VENOM ${ }^{\text {m }}$ STRIKES BACK

 FOR THIS WORLD:Incoming message on MASK computer - "'We have kidnapped SCOTT TRAKKER and are holding him on the moon. Unless you surrender the entire MASK forces to VENOM you will never see him again." Signed Miles Mayhem.

Matt is faced with a terrible dilema. To agree to VENOM's demands would give them total control over the Peaceful Nations Alliance, but to ignore their demands would surely mean Scotts life.
Can you as Matt Trakker rescue Scott and return him safely to Earth?

Spectrum 48K $£ 7.99$ cassette CBM 64/128
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MASK TM AND THE ASSOCIATED TRADE MARK ARE THE PROPERTY OF KENNER MRKKE TOYS. INC. (KPT) 1987 goon with the motorcyle helmet goon with the motorcyle helmet and kicked at the back of his knees. The sledgehammer fell from his hand and skittered acress the concrete floor of the car park. Howard was there in a flash, wielding the recovered hammer about her head. The goon's biggest mistake was getting ofl the floer. With a squadge resembling the sound of a water melon falling off the back of a truck, she turned out


TA
his lights for good.
Target Renegade (the titie's relevance escapes $m e$ ) is the sequel to Ocean's smash hit of last year, Renegade (oh yes it is). I won't bother to tell you anything at all about the first game, because they're very similar indeed. The only major difference you need consider is that Target Renegade has a two player co-operative option, whereby you can team up with a chum and bash the bad guys together.

Set in a maze of underground car parks, dingy alleys and definitely unfriendly bars, T.R. as it show now be known, in an affectionate, fluffy marshmallowy sort of way (What sort of a mag do you think this is, you great nance? GT) Anyway, T.R. pits you and a mate against the most unsavoury bunch of characters, all working for the mysterious Mr Big, and hell-bent, for reasons best known to $\mathrm{Mr} \mathrm{B}_{\text {. }}$, Ocean and themselves, on turning you black and blue and into roughly the same shape as pile of sick.

Despite the extraordinary level of violence, T.R. is quite appealing to watch. The animation is first rate, and the




## REVIEW

0$h$ woel Woe again. Our happy planet is under attack and is practically falling apart because of the never ending waves of armed spaceships. Why are these ships attacking? Who knows. All you need to know actually is that you are a mercenary who has been hired to help destroy the might of the hideous 20 headed 3 -tentacled aliens who now control a reign of terror over said planet. Thankfully. you're not alone. The aliens are organised into 8 groups, and a 5th columnist rebel has smuggled him/herself aboard



11

each level, and you're into the sub-game

A small maze appears, with you at one end and the 5 th C . rebel in the middle. You have to work your way through the maze and avoid the divebombing birds which appear at the top of the screen wait a few seconds, then fly directly downwards and vanish at the bottom. One you reach the 5CR, you collect the piece of blueprint, and it's time to trot off to the next level. Trot, trot, trot.

Sabotage is a very good game. Not it's not often you hear me say that. I like it because it plays very well, although your ship moves very slowly, too slowly for any really
each of the sector HOs. You must make contact with them and collect pieces of blueprint they give you. Only with the blueprint safely in your hands will you have any hope of saving your planet and its people.
Enough of this tosh. Sabotage is nothing new. I don't care what impression I just gave you. I know the plot makes the game sound wildly exciting. I know the plot gives the impression of stunning originality. But the game is, in fact, simply Lightforce without the bells, whistles and colour. For those of you who read Crash, and therefore have absolutely no idea what Lightforce is and are probably

not allowed to use sharp instruments, such as candles, this means that Sabotage is a vertically-scrolling shoot-everything-that-moves-em-up You control a single spaceship up a series of vertical 'corridors' and have to defend yourseif from incessant attacks by waves of maurading enemy craft. There are asteroid fields to navigate, plus the maze of birds. Huh, you say, what maze of birds? Oh, didn't I mention them?
After you have passed through the level, you meet the normal multi-hit mothership. Hit her a few times, which is really easy to do, and she'tl explode. You then land your ship on the runway at the end of
fast joystick waggling. Still, you can speed it up temporarily by collecting a speed icon.
Unfortunately the speed
doesn't last very long and you soon find yourself back at snails' pace.

Graphics are average for this kind of game. Your ship is animate, well enough and the crafts move very smoothly. The aliens are varied enough to be interesting, though things do get a bit repetitive.
A very playable shoot 'em up. and one that has done Zeppelin proud. One of the better budget releases around, it makes you want to see more from Zeppewant

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So who is this bodger R.T. Smith, that he gets his name emblazoned on the package of his new game Cyberknights? I'll tell you - he's the author of lots of strategy games, and if you ask me he should have stuck with what he's good at. The trouble is that Cyberknights ia a very, very, very, very, very good idea, but the programming just isn't that hot. The graphics are dire and


## CYBERKNIGHTS

the fancy icon controls don't do much to conceal the fact that all you really have to do is move around a maze zapping robots. Boresville Wyoming, you may well say.

You can play in two-player mode, in which case the aim is to eliminate your opponent, or in one-player mode, where you have ten enemy robots to destroy.

The scenario is the 22nd century, where robot knights battle in vast underground arenas to entertain the upper
classes. You move left and right through the tunnels and up and down through lift shafts. If you're equipped with a jet pack, you can fly within the limits of your fuel. Your success in fighting other robots will depend on their specification and armaments. For instance, you can shoot their heads off, but they won't die until you
destroy the body. An icon display allows you to select weapons including lasers, mines and radiation grenades. Prize money is earned by destroying enemies, and can also be found scattered around
the arena. There are plenty of helpful tactics to learn, like placing mines where your enemy will become trapped, or taking cover in liftshafts and emerging to fire. The clever part, though, is that although you can fight with default designs of Cyberknights, you can lash together your own using the character designer on the B side of the tape.
Cost, strength, weight, size and power consumption all have to be taken into account as you use the pointer and icon system to cobble together a knight. Completed designs can be named, saved on tape and re-edited for future games. Why do you go funny stripey colours in the lift? Why are there such atrocious colour clashes when two robots collide? Cyberknights is best avoided unless you have an aversion to slick programming and well-designed graphics.



 RTS RIVETSUCKER


## (9) ${ }^{2}$ m

Don't dismiss Gothik as just another Gauntlet clone, or just another Dungeons-and-Dragons roleplaying game. Although it's pretty close in many ways to Firebird's successful Druid, Gothik seems to have greater depth of gameplay and more thought behind it

Set in the usual maze of catacombs, viewed from above. Gothik features the
musclebound Olaf and the mystical Olga, who look pretty similar apart from Otga's extra


VENOM

Crikey. They're back. Just when you thought you'd heard the last of those nasty terrorist-types from VENOM, they've kidnapped Scott Trakker, son of hero Matt, and it's time for MASK to leap into action again.
This is the third MASK game from Gremlin, and the series shows little sign of running out of ideas. Basically, you could take any action game format and stick the name MASK on it, and it's to Gremlin's credit that they haven't taken the opportunity to put out a load of old plop.
Like many recent releases including Exolon and Yeti, Venom Strikes Back takes place over multiple screens through which your beweaponed figure

must fight from left to right. In this case the target is a VENOM base on the dark side of the moon, the weapons are various MASK goodies, and the enemies are the guardian monsters and machines of the evil Miles Mayhem.
The background details are nicely designed, while the black backdrop of space means that

others wear out as you use them, so keep an eye on the meters or you'll find your weapon cut off unexpectedly (oo-er). The second mask gives you invulnerability for a short period, while the third allows you to fly and gives you a laser. The fourth is a bit of a mystery, 'cos I haven't found it yet, but expect it'll be something spiffy.
As you'd expect, after moving through several doors, you'll come to the end of the level where there's an extra big, extra nastie waiting to take you out. At the end of level one, it's a cannon mounted on the top of a hill, and here you'll be forced to wade through its fire or waste your flying power in order to get at it
At the end of each level you're given a code which allows you to start at that level in subsequent games. Quite right too: I loathe games where you have to fight your way all through the first levels over and over again. Apart from the odd silliness - water and clouds on the moon, for instance - Venom Strikes Back is jolly good fun. It's remarkably similar to aforementioned titles like Exolon and Yeti, though, so don't expect much in the way of originality
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PAGE 3 POPSIES
Martech started it with Samantha Fox Strip Poker. At the time, Sam was a pouting Page 3 poppet with big things in front of her (I mean the singing career). Unlike Sam, the game didn't flop at all. Thousands of genuine poker fans (honest) queued up to demonstrate their mastery of the venerable card game, and if you believe them not one was saying "phwooer, look at the pixels on that!"
Since then Anco, US Gold and several other unscrupulous companies have produced strip poker games. Palace, though, used real live flesh for the packaging of hack'n'slash hit Barbarian. Curvaceous cutie Maria Whittaker was stopped from wobbling long enough to pose in a purple bikini with an embarrassed-looking
muscleman. In case you missed the point, the free poster presented her ample assets in bumper blow-up size. Now Martech's Vixen presents us with the eyebrow-wiggling sight of Corinne Russell in a leopardskin bikini and high heels. Where will it all end? ©SU exclusively predicts

* Linda Lusardi in "Whoops! My Clothes Have Fallen Off? (again)" from Filthogrames. A famous Page 3 Girl has lost all her clothes. You have to find them - and burn them.
* Suzanne Mizzi's Mud Wrestling from Smutronic. Pictures digitised in full colour, mainly brown.
* Debee Ashby's

Mountaineering, from Sleazesoft. Negotiate the dangerous south face of Debee Ashby with the help of oxygen equipment and sherpa guides.

## Are girlies any good at computer games? <br> No. (This is a complete lie

 actually)
## What does your computer say about your sex life?

Dozens of respected scientists (Prof Jack McMad of the John Noakes Institute of Double Glazing) believe that sexual behaviour is related to the kind of computer you own. He has not been able to work out whether the choice of computer determines the behaviour, or vice versa, but here a few offensive generalisations; Amiga; "I have more money than sense, so women adore me."
Atari ST: "I have more sense than money, so women ignore me."
Oric; "What exactly do you mean, sex?"
Commodore 64; "Women mean


## AND YOUR SPECTRUM

This is it - the big one (ooer!) Time to forget petty subjects like coin-op conversions, disc software and film licenses; today we're going to talk about the birds and the bees, the lads and the lasses, the sort of stuff they demonstrate with rabbits in Biology "O" Level. So, without even a single "fnarr, fnarr!" (That was one Ed) let's explain everything about sex and your micro.
nothing to me - I prefer a good shoot-'em-up."
BBC B; "I would not know a girlie if one came up and bit me on the bum."
IBM PC; "I am not interested in sex, but I do have a fascinating accounts package."
Amstrad; "I am too spotty to even consider sex."
Spectrum; "Can't talk now, I'm too busy GETTING DOWN LIKE A SEX MACHINE,"
So there you have it.

## Is size important?

A lot of nonsense is talked about this subject. Some say that it's not what you've got, it what you do with it. Others argue that you don't need a big poker unless you've a hot fire to stoke.

The fact is that if you've got a big one, you can expect to get better results and enjoy it more, You'll also find it's more flexible.

If you have got a small one, don't be depressed if people point at you and say "You've got a tiny one - mine's ten times bigger than yours!" They're probably Amiga owners, who are all talk. So, to conclude, yes, memory size is important - if you have a choice between a $16 \mathrm{~K}, 48 \mathrm{~K}$ or 128 K Spectrum, always go for the bigger one. You know it makes sense.

Learn to use your Spectrum to get your,sexy message across.
A) I have a very varied and adventurous sex life
B) I am a responsible guy and 1 always carry a rubber (-keyed Spectrum)




Son of the Gods, curse of his fellow men, Hercules is set 12 awesome tasks to exonerate the sin of murdering his children. Armed by his divine fathers he sets forth to face the hideous skeleton hordes and ultimately overcome the evil minotaur. To slay the damned is his only saviour in repenting his sins.

BLOOD BR08MB2R8
"Our blood is mixed,
We are as one,
Let no man or beast come between us,
And let nothing deter us from our aim,
To avenge the deaths of our parents,
And destroy the Scorpians, DEATH TO THE SCORPIANS"






## Girlies in computer games

This is one of the most baffling aspects of the software industry. If you were to believe certain software houses - no names mentioned, but what do the Pacific, the Atlantic and the Mediterranean have in common - practically every computer game is full of wigglying. wobbly girlies. The notorious artwork for Game Over featured cavernous cleavages, Where Time Stood Still has a gleaming. thighed amazon, Renegade includes leather-jacketed foxtresses, and Athena involves a woman who in real life would barely be able to stand up, let alone fight off hordes of aliens.
But what do you get when you load the game? Nothing. Teeny

## Mating



tiny little characters with no discernible wibbly bits. Wotta ripoff. But there is hope yet. The Campaign for Real Smut notes with approval the possibilities of
the 16 -bit machines with their high res multi-colour graphics. quite capable of portraying mounds of animated flesh.
Take a look at Mirrorsoft's
$D_{a} n_{C}$

Defender of the Crown, the packaging of which features a woman who makes Brigitte Neilsen look like Sue Pollard. Win the game and one of the rewards is an animated scene of a night of passion with this foxy temptress. Even smuttier is Rocket Ranger, which includes pervy pix of chesty ladies tied to chairs. Hurrah for Mirrorsoft, striking a blow for real smut!
Girlies in the software industry
Perhaps because they have much more sensible things to do with their time, there are very few female programmers. Honourable exceptions include the enigmatic Anita Sinclair of Magnetic Scrolls, who can make grown men swoon with a twitch of her eyebrows, and exotic Hanan Samara of Dalali Software. Most of the others just design the pretty bits around the edges. However, there are plenty of women working with software companies. Most of them are GELOs (Girls Employed for Looks Only) whose task is to answer the telephone and say "T'm sorry, he's in a meeting." Ask them anything about computers and they'll say "Ooh, I don't know, you'll have to speak to Mr Grimsdale about that."
There's also another type, invariably called Janice, whose job is to deliver review software too late to get in the current issue, to lose photos, and to send out the wrong competition prizes. Scientists have as yet come up with no explantion of these strange creatures.

## How to get girlies

with your Spectrum

* To get into the right romantic mood, program your Spectrum to produce soft lights and sweet music. Here's the listing:

10 LET $\mathrm{x}=0.1$ : LET $\mathrm{y}=7$
20 BEEP $x, y$
30 BORDER $y$ : PAPER $y$ : CLS
40 LET $y=y$ : IF $y=0$ THEN
LET $y=7$
50 GOTO 20
and that should get them purring like Madonna with a new Cadillac.
*Once you have them where you want them, wedge a Spectrum under the door to prevent unwanted interruptions. $\star$ If the object of your affection is taller than you, you could stand on your Spectrum to improve you chances of getting big snogs. This will not work with Brigitte Neilsen, for whom you would need two IBM PCs, a horsebox and three packing cases.

* If all else fails, hack into the records of a computer dating agency, alter your statistics to read " 6 ' 6 ", fabulously wealthy, two villas in the South of France", and wait to be smothered.


Fans of Arnold Schwarzenegger and his enormous biceps were no doubt delighted to see Activision's Predator reviewed and its matching competirion in the March issue of the magazine. Radio-controlled helicopter fans musi have swooned foo, as we announced the amazing, "I Wish I had a Radio Controlled Chopper (Fnar Fnar)" Competition.
Now, af long last, well a few months later at least, here are the results, and right af the top of the heap, winner of the suitably spiffy helicopter is: Samir Datel, Luton.

You may remember that there were also 25 2nd prize winners, who were to whiz off with a copy of the game apiece, and those 25 people look quite a bit like this: D Grant, Lincoin; Richard Lane, Devon; Ian Lord, Lancs; S Phillips, Ramstein Airbase; Peter Bolton, Wigan; L C Dennett, Hull; Gareth Greatorex, Nottingham; Miss K A Falconer, Herts; Dave Roberts, Cheshire; Joan Buckley, Sheffield; P Simon, South Humberside; Andrew Clarke, Greater Manchester; Jason McBurnie, West Yorks; Richard Scott, Surrey; Ben Shoob, Middlesex; Paul


## WHO'S GOT THE BIG CHOPPER?



R Harrison, West Lothian; Martin Graham, Glasgow; Michel van Roog, Holland; R Wilkinson, Lancs; Mark Aitkin, Scotland; Colin McBurnie, West Yorkshire; Tom Collins, Clwyd; Andrew Conner, Cheshire; Michael Porter, Lincoln; Chris Philby, Beds.
And (gasp, barf) there were also rumoured to be 50 3rd prize winners who were to get sticky Arnie Schwarzies (ugh) or something akin, and lo and behold if those 50 aren't these people here: Richard Evans, Derbyshire; Kim Shen Ang, Bucks; Pete Symons, Middlesex; Duncan Hart, Lancashire; M Hodges, Croydon; Mark Pillsworth, Cambridge; Jason Lomas, Northants; D Seirup, Merseyside; Alan son, Powys; K Hardy, Shropshire; Simon Tomlinson, Wilts; David Torrence, Nr Derby; David Ure, Fife; David John Burke, Manchester; Jamie Reekie, Scotland; Ewan Duncan, Lancs; Peter Dobson, Staffs; Joseph Simmonds, West Midlands; Ian Needham, Bromley; Michelle Conetto, Mertfordshire; Geraint Micael, Kent; Bob Crawford, South Humberside; A R Hutchinson, Lincolnshire; Mark Nicholson, Nottingham; Michael Tompkinson, Derbyshire; Gavin Quail, West Yorks; G S Marsden, Derby; Karl Barrow, West Yorkshire; Jonathan Chilton, Kent; J Bruton, Warrington; Edward Petts, Kent; Stevie Nicolaou, London; Miss F L Sanders, Herts; Anthony Taylor, Sutton Coldfield; Graham Burgon, Hants; Kevin Mark Botes, Liverpool; Simon Ashe, Hampshire; Horness Spencer, Worcs; Richard D Pearson, Essex; M Lisle, Gwynnedd; Kendeas Costis, Middlesex; Steve Harrop, Hants; Graham Bowen, Hereford; Jem Howard, Republic of Ireland; Martin Friel, Glasgow; Christopher Prince, Herefordshire; Sandy McNair, Argyll; Bradley Rebbeck, Kent.



You know a bargain when you see one, don't you? So you know that Elite's 6-Pak III, featuring six smash-hit games collected together for £9.95, is bonzer value for money, don't you? So if you could get one for nothing, and stand a chance of winning a brilliant pocket TV and a stereo radio cassette to boot, you'd dance on the rooftops with joy, wouldn't you? Well, get dancing, cos SII, in conjunction with those amazingly generous people at Elite, is giving away a Casio pocket TV, so you can watch Neighbours in the bath. The first prize winner gets the Casio TV400 plus a copy of 6 Pak III, a poster, and a fab Elite mug. Twenty - yes, you heard me, twenty - runners-up get the games, the poster and the mug. Twenty - yes, you heard me, twenty - runners-up get the games, the poster and the mug.
What do you have to do to be in with a chance? It's simple. Laughably easy. Ridiculously uncomplicated. Unbelievably (GET ON WITH IT - ED). Oh.

Right. Just answer these questions based on the six games in the compilation.

## THE QUESTIONS

1) GHOSTS AND GOBLINS: According to popular folk lore, how would you kill a werewolf? a) A silver Bullet b) Pizza c) Fire extinguisher
2) PAPERBOY: Which national
newspaper does Paperboy deliver? a) The Independent b) The Sun, c) Pig Breeding Today 3) ESCAPE FROM SINGE'S CASTLE: What is the correct term for the chess piece often called the castle? a) Rook b) Plook c) Snook

# Euro 

JOYFitich

Look at it. Flaming sexy, don't you agree? What is it? A recently discovered sculpture constructed by Picasso in his spare time? No. The latest in ultrafine space technology from NASA? Closer, but still wrong. An exotic Oriental ornament? Wrong, wrong, wrong.
The mysteriously enthralling object pictured here is none other than a special edition of Euromax's top-selling Elite (fnar) Micro-Swtich Joystick!!!
Why is it a special
edirion? Because a limited number of the little wonders have been made by Euromax in celebration of the fact that they've done so fabulously in their normal colours. Our special whizzo ones will be a fab mixture of Blue and Yellow - just the combination for the utmost in alienblasting chic.
Our top team (Tony Dillon his friend and the lady from the newspaper shop) have tested the Elite over a prolonged
without worrying about it slipping out of your grip the moment you relax from a white-knuckle situation.

And why are we raving on about this fabbo piece of engineering? We'll tell you why (Thank goodness - a million readers). Normally it costs £11.95 but in a fizzaway super Special Offer YOU can get hold of one of these times for a fraction of the price of a jumbo jet, and more importantly for a big, fat, £2 less than anyone else on the street.

Just send the form off to the address below, along with your cheque/postal order made payable to Euromax Electronics for $£ 9.95$ and within 28 days one of the little blighters will be trying to force its way through your letterbox.

## SOLDIEIS OF FOLIUNE




GRYZOR

The coin-op smash hit from Konami now for your homemicro. This fantastic conversion with all the original play features takes you into a thrililing alien world negotiate force fields and take on fanatical guerillas as you infiltrate their headquarters.
Split second timing and nerves of steel are a must for this fun packed program where addiction will always bring you back for more!

# WORIIS APIRI, 

Survive to become a captain through the toughest training academy. Konami's arcade blockbuster has aready reached No 1 in the Gallup charts with this superb conversion for your home-micro.
Featuring all the gameplay of the arcade original, Combat School offters a real challenge to the toughest thoroughbred gamester.
Seven grueling events, plus a penaty stage and if you don't-
you're out!


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## ALL STARS

ARCADE Label: The Edge Author: In House Price: 58.99 Memory 48 128K lovstick: various Reviewer: Tony Dillon
Good selection of titles ranging from the average to the excellent. A wise choice for purchase.

The Edge have set themselves quite a reputation for quality games and it really shows in their latest release. Games ranging as far back as Starbike and Psytraxx are featured, right up to the minute titles like Inside Outing. A full rundown, from Tape 1, Side 1, Bobby Bearing. The first isometric ballgame to feature CurviSpace. Starring a ball trying to rescue some more balls. Phnarr phnarr indeed. Brian Bloodaxe Viking warrior set in the 20th century in this platforms and ladders escapade with more than a hint of Monty Pythonness about it That's the Spirit. Ghostbusters all over again. Starbike. Jetman comes back to life on a moped. Psytraxx. The very first game to feature over 1.000 screens, all exactly the same. Xecutor. SU classic colourful blasting action and one of the all time greats. Shadow Skimme Technicolour Uridum, basically. Mindstone. More icon drivel, whoops driven adventure fun. Inside Outing The only isometric exploring game ever to make Graham "Butch" Taylor cry with frustration as he was savaged by a canary, again. Warlock. Another 3D isometric jobby, except that this time, you play the baddie. I don't remember writing the quote on the back of the box, though. I wonder where they got it from. Competent compilation that just oozes quality with a capital SU. If you have a spare $\mathbf{5 9}$ note in your pocket, I think I could safely recommend you to pick this up

## 



## FREEDOM FIGHTER

ARCADE Inbol: Powerhouse Authors: Ion Paul Eldridge Prict 51.99 Memory: Plus 3 loystick: various Reviewer: Chris Jenkins Dismal shoot-'em-up hardly enlivened by sampled speech


## DAMBUSTERS

ARCADE Iabel: Power HouseA ithan Sydney Development Corporation Pritu: $\$ 1.99$

48k 128K lowstich various
Tony Dillon
Poorly thought about re-release of a trashy Iicence. A clanger has been dropped

Don't get me wrong. By all accounts The Dambusters was a very good film, it's just that I don't think it's the perfect choice of film to ficence
Tr Dambustels, the game, you play the pilot in that historical bombing run with the imfameus houneing bomb. And the front gunner And the rear gunner And the navigator. And the (OK Tony, we get the picture GT. You have a variety of screens to look at, each concerning different parts of the plane.

The game is hard, 1 m glad to say. I m happy about that. I hate games that are walkovers, but to be honest, this is something different. The screens have warning systems, so
you do know when to look at them. but they do have a tendency to all go off at the same time. Frustrating, but true. Add to that the poor sound and the lanie playability, DB doesn't add up to much



## 屋



Ah, the good ol' days. We had real men then, you know. We had real excitement. We had real Air Rallies. Ah yes, I remember them well. I remember the greatest one of all, the GB. Yes, I remember that. That was where I met your mother, right after I won. Now, there's a game that's ripe for conversion. (Tony, what is this twaddle? Is the pressure getting to you or what? - GT).


all as 'God', it is the voice of Activision, the fabbo software house that has seen the light and sensibly decided to convert GB Air Rally from the Amiga, to the Spectrum. Surprisingly it's made a very good conversion. GBAR is a race game, or rather, a series of races. 15 in all, plus 5 special events. You are given a limited amount of time to complete each course in your small light aircraft. Other contestants fly in your way, and you have to fly over, under or around them without going outside the markers that mark the course. If you go off course, ie outside the barriers, time accelerates to four times the normal time and, well, you take less time this time to do twice as much as you did last time. You see.

## FAXBOX

 Race for the sky in one of the straightest conversions from a 16 bit machine I've seen yet on the SpectrumGEE BEE AIR RALLY
Label: Activision
Author: Steve Cartwright
Price: $£ 9.99$
Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$
Joystick: various



The illusion of movement has been well realised, the ground effect being composed of horizontal strips of light and dark colour. These are scrolled towards the bottom of the screen and widened to give the effect of coming close to the screen. The sprites, few that they are, are also enlarged to give the same illusion and it works remarkably well.

Your plane is very large, fully 8 character blocks wide, and handles very well. It slips
realistically when cornering, and it slows and accelerates, as would be expected, when going up and down.

The special events give a welcome break from the hectic races. There are 2 types of special event, and they are balloon popping and the slalom. In the balloon popping. you have to burst a set number of balloons within the time limit to qualify, though you have to be careful. Hidden amongst the scores of balloons are telegraph poles. Hit these too many times and you will stall, and get to see one of the game's many pictures.

These are a real treat. There are various predicaments you can end up in when you crash. You could end up in a pigsty, or
out in the desert. You could find yourself hanging from a tree or, if you're lucky, you'll find yourself looking up between a young lady's legs. (Dillon! Don't be repulsive - TH).

The other special event is the slalom. Fly on the outside of the set number of markers to complete the course. This is not very easy. Fly on the wrong side of a marker and you lose a lot of time. Very nasty.

Do I have any gripes? Only one. The game is multi-load. A great shame, and as far as I can tell, a waste of time. There is no great difference between each load, but still, I suppose Activision had their reasons. Generally though, a real treat, and a jolly good conversion


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$\qquad$


Prowler is probably the best futuristic helicopter simulations/shoot-'em-up budget game you'll see, oooh, this afternoon. It's a good combination of depth and straightforward shooty fun. The time; the future. About 4.30. Nasty aliens have invaded absolutely everywhere, and your task is to defend your planet using a heavily-armed helicopter. Your out-of-cockpit view shows the (oddly featureless) background scrolling by happily as you zip about your mission.

You have some spiffy weapons to help you out. The Stinger cannon with 999 shells to expend, the Hornet missile which can knock out up to five targets at once, the Dragon heavy duty missile for taking
out motherships, the Wolfpack air-to-ground missile for destroying groups of tanks, and the Hammer short range air to ground missile for anything that might be left over. Weapons are selected with appropriate keys, and the instrument display tells you which is currently armed. Instruments also give you readouts for altitude, vertical velocity, ground speed, coordinates, heading and power. A targeting computer allows you to select the nearest baddie to home in on, while key F switches on your tactical display. This divides the planet into a grid, each box of which is marked with the number of enemy fighters, tanks and motherships it contains. By moving the highlight to the desired box, you can bring up a heading display. On returning to the main screen, you can launch remote missiles into the




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Aspart of the recent trend for digging up dead comedians and turning them into computer games (Laure) \& Hardy, 3 Stooges US Gold has made a brave attempt to digitise the little tramp aka Charlie Chaplin. It could have been brilliant, it could have been a disaster, it turned out to be both.
All you have to do is make a funny movie. Simple, huh? Your first task is to choose a script. Using the joystick, you step through a menu of titles, each one of which is
accompanied by a brief description of the number of scenes, actors and props, plus the cost of the shoot. Obviously, you can only choose a script which is within your budget, and the aim is to make enough money from each film to finance a bigger and better one. Once you've selected a script, choose a scene to shoot and you'll move to the main action.

The beautifully-detailed displays of the film sets are in glorious black and white, so one thing the game doesn't suffer from is attribute clash. I suppose they could also have justified dropping the sound

Graphically engaging but ultimately dis appointing movie spoof
CHARLIE CHAPLIN Label: US Gold Author: Bubbles InC Price: $£ 8.99$
Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$ Joystick: various
 *********.........

effects (silent movie, see?) but there is the odd bleep and bloop.
Now, the big problem with the game is that all you are told to do in the instructions is "move Charlie around the set doing whacky stunts." The little waddling figure of Charlie and the other actors are nicely designed and animated, but could I make them do anything funny? No, kiddies, I couldn't. Wiggle the joystick and press the fire button, and if you're lucky someone will fall over of get a smack on the nose, but this is hardly the stuff of which comedy classics are made.
After a minute of this aimless waggling you have the choice of viewing the scene at normal or double speed, and if it's not up to scratch, reshooting it (if your budget permits).

The average film includes four scenes, set in a pretty limited selection of scenes including a garden, a hotel and a shop. Once you're happy with your production, you move to
the Screen routine, where you have to sit through the whole bloody thing again and wait for the audience reaction in the form of newspaper headlines in my case, something along the lines of "Chaplin Stinker Does Zippo Boxoffice"

The funnier the film, the more money you will find displayed on your accounts sheet at the end of the round. I guess that
the aim of the game is to make all the films available, then die. The game isn't so bad that Charlie Chaplin will be spinning in his grave; in fact, the basic idea is brilliant and the graphics are extremely cute. The trouble is that the gameplay is almost non-existent, and what there is, is unbelievably repetitive and monotonous. Pity, really


## THE INVASION 6th JUNE 1944

## BY KEN WRIGHT

Overlord simulates the Allied invasion of Normandy on 6th June 1944. The game covers the period from the initial invasion to the destruction of the German army in France.
GAME FEATURES: You command the British, American and Canadian armies by a system of 3 cursors which enables you to set up a line of advance for each army.
The German armies are commanded by a very sophisticated and complex computer opponent. Large scrolling map on varied terrain - 7 screens in size. The game also includes hidden movement, supply, unit details and 3 levels of difficulty, For 1 player.
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 Public Frangals et francophone cuntactez Duchet $+44-29125780$ from behind the huge black curtain draped in front of the stage. The 'Hysteria' album cover. Immediately the crowd rises to its feet. A scream is sent boucing around the walls of Wembley Arena, and finally the curtain falls to the ground and the four from Sheffield and the one from Hackney bound on to the open area of their highly impressive set and launch themselves into the firsi of their 13 tracks ranged over the last 2 Leppard albums. Halfway through the first track and even I, Killjoy Dillon, find myself punching the air in a direct imitation of the band's lead singer, Joe Elliott, and screaming out the words to the songs along with hundreds of other Leppers. Def the band are, and Def I was afterwards. Loud? You could say that.

The vibrations sent through the ground by Sav's (Rick Savage, bass player) guitar easily measured 4 on the Richter scale. Visually the show was a

stunner. Huge banks of multicoloured lights were around at various points, as nommal, plus an array of lasers, used to create some startling effects. The Hysteria logo was projected, spun and twirled. Rick Allen and his drum kit were placed in a huge rotating pyramid. Talking of Rick, his drumming was spectacular. It's great to see that the horrific car crash that lost him his right arm a year ago hasn't lowered his standard, and he now drums excellently via a series of foot pedals.

The best night out I've had in a long time. Def Leppard was certainly an experience. Next year they have plans to do another tour, why not see if you can catch them?

## MAX HEADROOM


F. e's b-b-b-b-back! Max Headroom, multimedia megastar and (probably) the world's only computer-generated TV personality, returns in a series of video adventures this month.

In this country, the Max Headroom pilot movie (geshown in April) was followed up by a series of pop video showcases. But in the States they saw new episodes with more American characters, followed by a series of onehour episodes. Now these episodes are available on RCA/Columbia video. Each tape contains two episodes - Blipverts (the reshot pilot) and Rakers, Body Banks and Security Systems, and War and The Blanks. The stories feature Matt, Frewer as Edison Carter, investigative reporter, and as Max Headroom.

Set twenty minutes into the future, where hundreds of TV staions which can never be switched off compete for the latest, greatest viewing thrills, the series was received so well by the American couch-potatoes that it was axed half-way through. Ho hum. The Adventures of Max Headroom will be available from all good video shops, but they'll cost about 40 quid, so it might make sense to wait until it turns up on Channel 4.

CHRIS JENKINS

## 0



## TH hurnhh ... hurnhh hurnhh . . . (heavy brea-

 thing on telephone) I'm an Orc:.. what colour are your buskinsYes, fighting fantasy has discovered the wonders of telephone technology, Now frustrated plxies everywhere can live out their adventures through F.I.S.T. Fantasy Interactive Scenarios by Tefephone.
Designed by Steve Jackson and run by Computerdial, F.I.S.T. places you in the world of Castle Mammon at the reasonable cost of 38 p per minute at peak time). Dramatic sound effects enable you to hear the whiz of swords,

## THOROUGHLY RIDICULOUS HEADWEAR 3 (OK, SO IT'S RUNNING ON A BIT, BUT IT STILL ISNT A SERIES AND THIS IS DEFINITELY THE LAST PART)

$\mathbf{P}^{\text {hwoaaart! } 1 f \text { you want to look as }}$ doggone sexy as this, but in a macho, cool kind of a way of course, all you need to do is follow the Stin Style-o fax guide to sunglasses below. You'll have to follow it carefully, as everyone know that wearing a pair of sunglasses unsuited to your head, hairstyle or line of work is even more embarrassing of work reaking wind in a swimming-pool full of nuns.
the growling of demons, and the clink of gold pieces (falling into Computerdial's pockets). You make action choices by dialing different numbers using a menu system provided in the free Adventurer's pack, which includes a game background, rules, membership form, and technical details.
Prize competitions and a live chatline are among the goodies promised for brave adventurers, and you carf get details by sending an A5-sized SAE to F.IST.T., Co Computerdial Ltd, PO Box 530 , Kensington High St, London WE 5NP. Mum and dad, lock up your telephone.


50's Ray-Ban Old Style
Worn by: Bruce Willis, Mickey Rourke, Matt Dillon, Jim "I had to try


## SOME SILLY STUPID SUGARY SMELLY

1 June was the original title for the incredibly tedious sci-fi book by Frank Herbert which was turned into a film starring Sting which was equally awful and involved men disguised as jelly cubes fightting big worms on million-pound sound stages. The "J" was replaced by "D" in the marketing stage to toughen up the film's image. (Oh Jim, this is complete gibberish GT)

2 There isn't a single bank 2 holiday in June.

A prominent scientist, Dr A. JTwinkie (MA, BSC BAR) has been investigating the ventilation habits of the nation this month, the official beginning of the British Summer (weather. not time). His report. Junes Heip You Breathe More Easily will probably never appear.


1


COME FLY WITH ME
$\mathrm{T}_{\text {his summer the sky will be filled }}$ toupee firmly glued on.
DRP Models is the company responsible for bringing a bit of hipness back to balsa wood gliders. The Spacewings series cost 22.95 each, they're easily assembled and launched with elastic catapults (not at the dog, please Timmy). The four gliders - Commander, Intercoptor, Starfire and Fireflash - can each be constructed in nine different conffgurations, giving a total of -ooh, lots.
For the more traditional there are Mustang. Hurricane and Spitfire models, powered by wind-up elastic props, at $\delta 2.75$, and for the more adventurous there's a realistic model of the Tornado fighter with a 145 mm wingspan at 23.96 .
Oulllow's produces some great authentic flying WWi models, including a 20 -inch span Fokker DR1 Triplane as flown by the Red Baron. This features plastic wheels, cowling, and engine, a plywood fuselage and a powerful rubber-band motor, all for 814.99 . Also in the series are an SE5A, Piper Cherokee and Cessna 150.
For the more energetic, frisbees have been superceded by a new generation of aerodynamic marvels. The 26.99 Bluebird Aerobie is a rubber hoop which, it's claimed, flies three times further than a frisbee.

There's also a smaller Sprint model, and at $£ 5.99$ the amazing Whimback, with three projecting vanes which make it return to the thrower like a boomerang.
If you're a cheap bum you could always get a 99p Proshot Laser Disc, a yellow plastic hoop with all sorts of knurly bits, or even a Macdonald's frisbee at 22p with very pukeburger, at the risk of being laughed at in the park. Mind youtr heads.

very hard indeed to look as un-sexy as I did last month, honestly" Douglas, Not even God could afford a real pair of these things. They cost about \&500 each (standard version), so you'll have to secretly buy some imitation $£ 2.99$ jobbies. High poseur value, though not to be worn if your lace is too thin, or you'll look like you've got two black ovals hovvering on your face with no apparent means of support.
 Goggle-o-matix Worn by: Absolutely no-one with any sense at all, Emma from Advertising (under duress). If you see anyone wearing a pair of these, you can be sure they've got something to hide. Hideous bright monstrosities. A mixture of JL's (see below) and swimming goggles.
Perforated at the side to let the
perspiration caused by acute stupidity escape. Wear these anywhere other than a Club $18-30$ holiday and expect to be treated like a bug-eyed monster from Mars, because that's exactly what you'll look like.
Gargoyle
Mirrors $\begin{aligned} & \text { Worn by: Baddies in martial }\end{aligned}$ arts films, Chris Jenkins. Easily affordable and attainable, because not many people want them. Ultra slick bands of colour with tiny lenses (mirrors optional). Only big enough to cover your eyes while you squint. Good to wear in discos and other dark places. Bad to wear where anyone you might know will see you and point out the fact that you're not a lethal lelling machine after all, and why didn't you remember that I have 2 bottles of half-

SEXY SORDID FACTS ABOUT JUNE
4 Chris Jenkins becomes a 4 Very Old Sod Indeed in June. On the 28th day he becomes 28 years old, which means he is the son of Beelzebub or something.

5 June is not the only month in 5 the calendar starting with J. lanuary and July do too, but oddly enough,. November doesn't

6 Many of the women born in OJune are not, surprisingly enough, christened April or May for that matter.

7 Lots of famous people are called June - there's June Whitfield

Q June was probably named Oafter a Greek God or something or other.
cream, one full and a packet of cheese this moming, sonny?

JL's LSD WeirdOuts
Worn by: John Lennon, Lofty, some people in Easy Rider, Graham Taylor. Serious strangenessl For a fraction of the price of a Beaties compact disc, you can almost become Johnny L. Simply fasten these plain round sunglasses to your head, and people will look at you in the street and
go, "Fip mel I could've sworn that was go, "Flip mel I could've sworn that was John Lennon in a pair of particularly sexy sunglasses." The thing is, while they look plain from the inside, the outer side of the lens is a psychedelic affair with swirly petrol-on-water pattems that make you look well bonkers.
5
Aviators
Worn by: Tom Cruise, Sean Penn, Jon Riglar. Original RayBans high-prices make these extremely hard to get hold of. While sicky green and brown lenses are easy to get, black is almost impossible. Expect to pay upwards of $£ 50$ for the real thing. Stylish and exclusive. A thun nose is essential if they are to 'sit' well on the fizzog.

HALLO SWEETIE
Tony 'Chocey Hikkie' Dillon puts vome sticky things in his mouth. (Again) 1 Mars
Rich, thick and very, very heavy. 2 Biscuit and Raisin Yorkie All the taste of bricks, with a few scraps of dry brcad inierlaced. 3 Milky Bar
Aryan chocolate for anacmic imbeciles
4 Original Yorkie
Thick chunks for hig truckers.
5 Caramel (Cadbury's) Guk filled chocolate bubbles.



From the Designer of 'The Double' comes

## TRACK SUIT MANAGER

The first ever football game with real match tactics.
FIVE MINUTES REMAINING and the score is $1-1$. You must win against italy to qualify for the NATIONS CUP FINALS when Robson intercepts a long pass and slowly moves forward - Altobelli challenges but Robson rides the tackle and sends a long through ball to Barnes ... "Offside" shouts Caprini. "Play on" signals the ref. Lineker races towards the near post, Hateley moves back for the high

## YES AT LAST THE BIG ONE

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Bionic Commandos, if first impressions are allowed to last, is a reasonably faithful conversion of the coinoip that just hasn't ended up being particularly playable, visually exciting or, well, interesting.
and winch yourself up.
The general idea is to work your way to the top of each level, shooting the bad guys and um, well that's it really. There's a fair number of aliens to bash. There are nasty little flicky things which lurk along the platforms and occasionally, chopping off your feet.
These, along with irritating little stormtroopers who jump around and shoot at you, form the main body of the alien army. As you progress deeper into alien territory (I always feel you should be going down in these games, don't you?) more bizarre foes appear. One of the most interesting is a kind of huge metal kangaroo with a tiny guy controlling it at the top.


Sure, it looks reasonable, and there are a few nice touches, but it appears to be so poorly programmed - the graphics flicker like crazy - that most of the ideas seem to have been wasted.

There's no plot worth discussing. All you need to know is that you - a bionic commando - have to infiltrate an alien military establishment and destroy everything on the way.
B.C. is a variation on the platforms and ladders theme, except there aren't any ladders (What a crap analogy! Explain yourself-G.T.) The ladders have been removed and the platforms just hang in the air The controls allow you to move left, right, up and down and fire. No jump. So how do you get up to the next level of girders; earth/platform? Easy. You use your telescopic bionic arm like a lassoo to cling on to the girders

##  COMMAIDOS



There are also enormous - and largely static - robots that you can scale, at your own risk.
The gameplay definitely improves as the game goes on. Parachutes fall from the sky bearing enhanced weaponry. As far as I could tell, the only effect collecting one of these items has is to make your bionic arm longer and faster. Once you've got a highly developed arm (no tittering at the back) things begin to hot up. You can cover large areas in seconds, and it has to be said there is an element of cartoon style action
drawn - even unfinished looking. Huge areas of square white "stuff" at the top of some levels just look ridiculous. Everyone should know that you just can't get away with that sort of thing.
Your hero, a dwarfish blackoutline figure scuttles around satisfactorily, apart from the odd occasion when he develops an incredible case of the flickers. Control is tricky at times, and unless your joystick is very accurate, you'll have trouble using your arm in those vital diagonal directions. Since there is no "Extend arm" control, you have to combine left and up, right and up or use up alone to extend, which takes an awful lot of getting used to.

As well as having a limited supply of lives, you're racing against the clock too, so life is really quite difficult.

Bionic Commandos is a disappointment after the last Cap-com title, Streetfighter. It's fast and furious, but feels unpolished and is graphically simplistic. If you were a big fan of the arcade game, maybe this is one for you. It's not crap, but it certainly isn't what we've come to expect

IF you reckon we're talking rubbish don't just stand there

Tell us what you think.

Stick your comments on paper, fill in and cut out the coupon below and send it in And if you don't send us your picture - the sillier the better - we'll have to print a picture of a slug

## IIM



## COMBAT SCHOOL

Nombat School is really great, buy it now don't be too late, SSI gave it just 9 stars, where's the Classic you retards?

Rurning, fumping, shooting too, they really know how to test you. Get on to the next event, or back home's where you'll be sent.

Ive only found a few things wrong, my joystick's bust and that's not on. The dreaded bug was also here, the assault course suddenly went all queer!

But it just has to be said, can't get this game outa my head. Buy Combat School right away, hurry up no don't delay.

CHORUS: I wanna have this poem printed
$I$ wanna get a five pound cheque.
I wanna have this poem printed,
Or IIl be a nervous wreck!
Scott Denyer
Corringham
Essex
Putting his fiver towards: Out Run.

- If anyone else would IIke to write in with a rhyming Write Stuff, they shouldn't bother.


## $720^{\circ}$

Norll If you love skateboarding then Cyou'll love $\mathbf{7 2 0 ^ { \circ }}$. The graphics are just brilliant, and the soundtrack is out of this world. It has to be rated as a Classic by anyone's standards.
$72 \mathbf{0}^{\circ}$ is definitely worth the asking price of 58.99 , and it should be at the top of everybody's game-playing list. If you don't purchase this great game then you won't know what you're missing
So Buy, or Die.

## Gavin Stowers

Cambridgeshire
Putting his fiver towards: Gauntlet II

- Looks like we picked a winner again.


## COMBAT SCHOOL

I think your mark of nine stars for 1 Combat School was very fair. It is an excellent game, but there is one snag. It's so easyl The only challenging part is the fight instructor stage, and even that is just a formality after the first few goes.

Despite the fact that I seem to be

## IMPORTANT NOTICE SU CUTS WRITE STUFF PAYMENTS SHOCK

It's true, from now on all Write Stuff entries will be paid only five pounds instead of ten. "Meanies" you cry. Not so, nor will we spend the money we save on holidays in exotic climes. We did it for you. (Cries of "Lies" "Cheats")

The point is we were getting so many Write Stuff entries the chance of any particular person ever getting their opinion printed was getting about one in a hundred. By cutting the cash to a (still generous) fiver we hope to separate those who have a real opinion to express from the plain greedy and give the former more chance to get printed. Hope you agree.
spending all my time criticising it I still think that Combat School is one of Ocean's best to date. A top class game tharll give you hours of enjoyment, and for the price it's a must. You won't be disappointed.
Paul Jenldns
Wales
Putting his fiver towards: Platoon. - You're abviously fougher than as! Wo were all hot and sticky after the first stage, but there's probably more than one explanation for that

## OUT RUN

Why oh why only give Out Run a measly 8 stars when it deserves at least a Classic? The game can only be described as superb, especially when you compare it with other simulations round at the moment.

You declined to tell us about the great soundtrack on side two of the tape, and playing this with the tape makes you really feel as if you're clocking up the promised 286 mph along Devil's Canyon or Coconut Grove. Or any one of the 15 levels which are available to you.
The only complaint that I have is that Out Run occasionally falls down on the colour content, but then again, have you seen the Commodore version, ugh, ick!

All that aside, I think that your magazine is, in the words of the immortal Dame Edna, "Pretty Spoolcy." Christopher Burton
Swansea
Putting his fiver towards: Rolling Thunder
. Jim says: Come on, the speed is nowhere near that of the arcade. It was almost impossible to convert Out Run, so the chances of a Classic-worthy game were slim to say the least.

## GAUNTLET II

" $\mathrm{T}^{\text {t's }}$ a totally new game. Gauntlet II is not just another in the enthralling crusade, it is a whole new experience in action-packed adventure." That's what the ad said, but methinks Ive heard this all before. However, ISU seemed to confirm this statement with their review, so off I trotted to the shop and bought a copy. Guess what? The graphics may well bear a ridiculous resemblance to the original Gauntlet, but Gauntlet II is nevertheless chock-a-block full of new features like the IT Monster, moving walls and exits and so on.
And the speed.
Chris Twentyman
London
Putting his fiver towards: Firefly

- Jim says: What are you trying to say? Do you Ifke if or aot? Make up your mind, man


## FIREFLY

I argh! How could you give Firefly a Aclassic? It is utter $c^{*}$ p.
The teleport screen is more luck that co-ordination, if you fail you get blown up, which happens to be 9 out of 10 . Your weapon is an "Octo-photonic plasma disruptor ball shooter" which is useless to aim and taks a long time to come back to you thus getting you killed. This tripe only deserves six stars maxi
Jim Douglas bodges a review agam - Bodge? Oh contraire, my fluffy sausage. I didn't have any problems in the timing department, but then I've got a CSE in telling the time and you probably haven't.


## TAMARA

## BUBBLE BOBBLE

Mefinks you should have given Bubble Bobble a much better review. Now then, how in God's name does Tamara Howard think that BB is like PacMan? Who knows how she worked that one outl lt's an absolute mystery to me. I still think that Bubble Bobble should have got at least 5 times the amount (and that's a quadruple Classic to the likes of you and me)! Cool music ( 128 -wise), cool game, bad review.

So do us a favour, get Kamikaze Bear to gun down Tamara Howard. Oh, and by the way, I can get to Level 80, beat that Tamara!

Ian Gillan
Renfrewshire
Putting his fiver towards: $720^{\circ}$

- Tamare says: I don't think that I said BB was like PacMan, David Kelly put it in while I wasn't looking. Besides anything that cute doesn't deserve a Classic. Beat Level s0? Can't be bothered, but I (and Kami for that matter) would sure as hell like to beat you up!


## RAMPAGE

TTut! Tut Tut! What a bunch of wallies you are there! (Only kidding). In last month's issue you reviewed Rampage. I bought the game before you reviewed it, stupid as I was. But to be honest, I thought that it was great!
If's well worth the money and it's certainly in no way boring. Only an idiot could think that it was, and there's hardly any colour clash. The idea of the computer playing with you is a great one, although you put it down.
You gave it 6 stars. Id give it ten stars, it's such a great bash-em-up game for relieving stress, usually brought on by bad reviews.

Rampage is MEGABRILIIANT. So you can just shove that up your exhaust pipes. But I still love your magazine (slurp)

William Proops
Avon
Putting his fiver towards: Bubble Bobble
out and buy Ikari Warriors. Elite at its Elitest.
GRAHAM
IKARI WARRIORS
Twas appalled, nay, disgusted, when 1 you gave this mega crucial game worst day. Wh deserves a Classic on its worst day. Who is this Graham Taylor (I
hope it's not contagious) The graphics are well defined and extremely well animated and the use of colour is absolutely brill. Shame on you [SUI Although your magazine is nearly as good as the game giving it seven stars is just not on Im afraid. I have played it almost non-stop since I got it, it's so addictive, my mother's getting worried. I have in fact completed the game with a score of $1,139,000$ and got halfway through it again. So it's an old plot, but it's completely brilliantly converted. So what if it's a little late, it doesn't make any difference to the game (bias reviewer). But don't listen to this creature called Graham listen to me faithful, fellow readers, of the mega amazingly crucial magazine SUI, rush

Thomas McGovern London
Putting his fiver towards: Rolling Thunder

- Ho humm, that's what I said, OK but done before - a lot, can't see what you find to get so orcited abouf. As for me Graham Taylor af your service - I am the edifor of this magazine.

IKARI WARRIORS
Whock horror steps back in Samazement . . . urgh, flamin' dogst don't you think 7 stars was a bit stingy? It should have got at least 8 or 9 . It's certainly addictive. Just as you think you've got as far as you can manage wahey! Off you go again. All right the graphics aren't that good but the game play makes up for it, especially with all those little bonus thingies, flashing (ooer) all over the place. It's a pretty
faithful conversion, even you've got to admit that. All the bits and pieces present in the original, tanks are in the right place and there are even soldiers in the water. The only problem is the massive box. My computer desk's bursting at the seams. All good things must come to an end though so III say cheerio. Im just off to nail my brother to the wall whilst playing Ikari Warriors. Russell Doughty Bedfordshire
Putting his fiver towards: Cybernoid

Completely agree with the facts as stated but they add up to a fat 7 to me, nothing more. Yes, everything is in the right place, the gameplay's up to seratch, but it's still only a competent conversion of a fairly nice coin-op. Put it nert to some of the more original games on the market at the moment, such as Firefly (which we thought really deserved a Classic) and you've got to admit that 7 stars was a fair mark.


- look, I never claimed to be God, although there are a few people out there who would say I could get away with a claim like that (Hello mum) and obviously there are times when even I get things wrong. But this isn't one of them. Listen matey, when I say that I see terrible colour clash, I mean it, I saw it. If you've only got the ayesight of a half-asleep hamsier then that's your problem. And as Arkanoid clones go, this was ane of the worst, I think and I'm the reviewer and you're the reader and the customer's always right and so I think that about sums the whole thing up really doesn't it? (Tony take 2 valium, have a lie down and then come to my study for intensive psychotherapy affer sehool - GT)
KIKSTART 2
AGENT X II
Itally disagree with your review of 1 Agent X II I think you should give at least 6 stars. I mean, "But terrible colour
clash, highly mediocre." Come on! are you colour blind! OK in the first part, ( 48 K mode) there isn't any sound (apart from the menu bit) but on part 2 it's great! Jet Set Willy? nothing like it! Part two, and its a clone of Arkanoid is it? What's Arkanoid a clone of? Eh? Eh? All right I do admit the ball does move a bit too fast but it's OK. By the way how come you printed the price (which should have been $£ 1.99$ ) two times, and there wasn't the name of the review. Still I buy your brilliant mag, even if you do make the odd mistake.
Paul Heron
Norwich
Putting his fiver towards: Angle Ball.

Mastertronic got it right this time. Kikstart 2. The good thing about it is that you can make your own course, so you can make it as hard or as easy as you like. It is one of the best budget games I have ever seen, although the colour could have been better.
You can play 1 or 2 players together, because the screen is split in 2 so player 1 is on the top and player 2 is on the bottom, or if you are playing the computer the computer is on the bottom. You can choose any of the 25 courses, or you can have random ones. So my advice to all you out there is to go and buy it now!
Christopher Nash Birmingham
Putting his fiver towards: $720^{\circ}$.

- Well we liked it too - great minds think alike!

OINK
YPOG1 Tony Dillon, what in God's 1 name do you think you are doing
giving Oink 6 stars? t's a load of old pooh' The graphics are hopeless and the stages are impossibly tedious. Dull dull dull. Trashman flies so slowly you can go to the loo and come back before he's moved one pirel, and the theme of filling up a magazine is cobblers. Who gives a monkey's armpit what goes where on what page. All Im interested in is a bit of killing. Death and destruction that's the stuff. Stuff all this nancy-boy Pete's Pimple rubbish. Slow boring and hopeless.

Send Tony Dillon to the reviewer's
scrapheap. He's a burnout. A no-hoper. Cecil De La Gets London
rd put my fiver towards: getting my bike fixed

Blimey! You're a bit stroppy aren't you? I did say many times throughouf the review that I didn't think if was a great game, but it was the oddness of the thing and the combined strangeness that mado it appeal. I agree the graphics are useless and it's not very excifing in places, but you've got to admit that it's a bit of a larf, isn't it?Very so often - well very often actually - you write to tell some program we trashed is actually the best game ever.
Conversely you blast us for saying something is great that you absolutely loath and detest.

Enough is enough. We can't take any more, if you think you're as clever you write the damn magazine. We mean it!
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 (OF FAB SPEAKERS)

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. ou know what it's like. You're stuck in a parallel universe, fighting off giant spiders, flesh-eating monsters and mutant kangaroos. Pterodactyis are dropping things on your head, your leopard-skin bikini is beginning to itch, and every now and again you have to change into a fox and crawl through a tunnel looking for crystals.

Yes, it's a rough old life being a Vixen, so to cheer you up, those kind people at Martech would like to give you a spiffy stereo radio cassette recorder, so you can put your feet up and listen to your new Def Leppard cassette after a hard day hunting dinosaurs. BUT we can't just give it away to any old neanderthal; the winner must prove his knowledge of prehistoric life by answering three terrifically hard questions. Just fill in the right answers, add your name and address, and post the coupon to GRR GRR I'M A TYRANNOSAURUS COMPETITION, Sinclair User, 14 Holkham Road, Orton Peterborough PE2 OUF. Employees of Lord EMAP, their budgies, toothbrushes and hamsters are not allowed to enter. Closing date is June 30th; and entries recieved after that date will be eaten.
1 Gorgeous pouting Corinne Russell has appeared as a dancer on
A) The Benny Hill Show B) News at Ten C) Ouestion Time

2 A Vixen is a female fox. What is a female deer called?
A) A panda B) A Scotch Egg C) A doe

3 Which of the following is not a type of dinosaur?
A) Tyrannosaurus B) Stalagmite C) Brontosaurus

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Answers: 1
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## Final Lap

FInal Lap is a machine that was first shown in this country of an exhibition in early January - and the first machines are now finding their way on to the street. Quite simply, it's a great Formula One racing game, in the tradition of another Namco game, Pole Position, except for three things. First, it's the best driving simulation to date - in that the on screen car behaves sensibly - you can oversteer for example, which means you can't use the old Pole Position tried and tested way of spinning the wheel hugely fast to skid round corners at high speed. Secondly, the ingenious construction of the unit consists of two sit-in monitors that are linked together. You can play by yourself (vs the computer cars) or vs them plus Player Two, who is silting next to you. Talk about niggle - it really is your manhood at stake as you struggle to
keep ahead/catch up of the humanoid to your left/right. But if anything could be fabbier than that, up to four units (thal's eight punters) can be networked toegether on one site at once. Imagine that. A real fime eight player racellt!

The bad news is that the units cost way over 10 grand each (and almost that much to play (l), so for any unit to get four ... that's a lot of money to tie away on one game. Still, maybe one of the premiere amusement palaces might have the cash, write if you know please!

Gameplay is via steering wheel, low/high gear selector and accelerator and brake set out as in a real car. Only one course, alas, which can be mastered after a fashion in around 30 minutes. Still here we are falking about neat, big and meaty, well sage.


Yup, mug that crinkly, empty those piggy banks and get down to the local arcades where ISU has been going all the way this month - all the way to that annoying Level 15 on Zybots, all the way to the end of Shinobi and all the way to America to play Temco Bowl.

## Temco Bowl

## $T$ here hasn't been a truly satisfactory American Football vid

 yet 10 Yard Fight was the best - and that wasn't saying much. Well, gridiron fans, hold your breath no longer - Temco Bowl is here and it is superb.Made by Temco (yes obviously on off day at the Marketing Dept the day they thought this name up) and originally spotted at the Las Vegas CES show this year it's a one to four player American Football game that features the biggest sprites imaginable. Horizontally scrolling across two screens, it's best played
with four players; two a side, alternating between quarterback and a field position. Passing is allowed land accurate), so a real game with halfway proper factics can be played.
Controls consist of a joustick and two buttons - nothing too complex and it's easy to get used to. Grab three friends and go and find one.

Fun American Football
game for $1-4$ players, just what the fans wanted. Gameplay 8 Graphics 9 Sound 7 Addictiveness 8


H.P. Lovecraft feel) but a fair bit of thought has gone into making it sufficiently different to be familiar without being boring.
Scenario - as if you need one - is something to do with Ninja terrorists, but basically you have to slash? fire/meditate through five levels of assorted thuggery Stoge One is titled Keh Oh, probably a Chinese TV cook in real life, but in this game, a particularly vicious nasty that you have to get rid of affer you've completed the routine of kicking his underlings to bits and releasing some hostages. In fact, he's probably been eating Chilli as he spits out fireballs that scribe circular patterns -
which you must dodge between to put the boot of the righteous well in.
Stage two is set on the water front and is called Black Turtles, maybe they make the helicopter that you knock out at the end of the section. What you're supposed to to be aiming for here, by the way, is the glowing front
nosecone of the craft.


Three, entitled
Mandara is really odd, with Four, Lobster, getting a bit more conventional, but harder. Finally there's the Masked Ninja. Oooer - talk about hard.

The game plays nicely all the way through - including the Shukren throwing bonus levels - and looks set to be a medium size hit.


## Pin Ball of the Month-Victory by Gottlieb

TThis is a table whose theme is some kind of rally/race, so there's lots of chances to use fancy sampled sounds, etc. They do, but more to the point it's. a good play as well. Not too difficult to leam there are sensible and logical targets to go for and some imaginative use of multilevel . . . however, the ISU team found it very easy to rack up the extra credits during out last marathon session down at Southend. The top mini-table, if played correctly, will give you a chance ot a special relatively easily. See the four targets, you must knock them down about eight times in one try fie the ball mustn't come down to the lower table) which lights up a Special on the for right target. As well as racking up the points away. A good tip if you're running out of money.
One nasty thing though there's a "Spin out" bumper
that if you hit will kill the machine for dead. Blagh! Meanwhile what's new? It had to happen, a 'Third Generation" version of Head-On from Sega, colled Counter Run looked a bit disappointing. A new Nemesis clone called Vulcan Venture. An Operation Wolf clone set in gangster land called Dead Angie, Yet another Arkanoid inspired job, Goindoi and the most frantic pin table ever-Blockbuster 100 from Bally which we'll be trying to play some more for next month. And 3-D arcade games ... the first from Taito, a racing game called Continental Circus, complete with 3-D specs. Finally a quick mention of G. Taylor, Edilor of this mag who has become crazed after playing Krusha for eighteen hours ... does anyone know of an antidote?


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From the outset of the Cybernoid project, I decided to adopt the following games design ideology:
'If something's worth doing, it's worth over doing!
After the popularity of Exolon, Andrew Hewson and I decided that it would be a sensible idea to develop some of the game's best features (such as the big explosions and colourful graphics), improve them, and incorporate them into Cybernoid. It was important, though, not to rest on our laurels and to ensure that Cybernoid had totally


## GYBTHRNOID

## different gameplay

characteristics.
During the period of Cybernoid's development there was a plethora of games on the market and in the arcades that featured multiple weapons systems that we could utilise. After studying these games I induiged in a little plagiarism, and nicked the idea for Cybernold! Instead of having the usual boring array of rear guns, side guns and double guns etc, I opted for a system whereby all the weapons were totally distinct in their operation and in the graphic effects which they created.
The way the weapons were to be selected during the game caused a few problems. Initially, it was suggested that weapons should be selectable with a joystick, but this proved to be very clumsy and inaccurate whilst you were zapping at full steam. In the end I settled for a stralght forward press 1 for bombs, press 2 for mines etc. After a bit of practice I found I could select the correct weapon without looking at the keyboard.
Cybernoid was to be a fast and destructive shoot-'em-up with strategic elements to add depth to gameplay. The main problem (as usual) was to ensure that the program ran as fast as possible. As there were so many moving graphics in Cybernoid, it was important that the sprite routines were very fast. All the sprite data was stored pre-shifted to the required pixel positions for maximum speed. This allowed a large number of sprites to move simultaneously at 25 frames a second.

Whilst we can never be rid of attributed problems (short of having single colour games yuk), they can be minimised to an extent where they are hardly
noticeable. I made the background graphics have colour priority over the moving sprites i.e. If a sprite moved over the background, the sprite would assume the background colour. Sprites on top of one another only remained so for a fraction of a second, so any attribute flicker was very brief.
Music and sound effects are an often neglected part of Spectrum games, and I'm one of the largest culprits! So I thought it would be nice to go overboard on the audio aspects of Cybernoid. Dave Rogers was commissioned by Hewson to produce a main tune and sound effects. Anyone who has played the game will know that he excelled himself. The sound generating routine was performed fifty times a second giving constant music throughout the game. All the audio data and code used up about 4K of memory and was well worth the rather tight squeeze I had at the end of the project.
I suppose the Spinning Cybermace is the one Cybernoid effect that I am most proud of. It was also one of the simplest to program, taking about 20 minutes in all! A circular pattern was stored in memory as a table of $X$ and $Y$ offsets relative to the main ship's position. The Cybermace followed this table, causing it to circle round the ship. As the ship moved about, the movement pattern became elliptical father


than circular creating a very aesthetically pleasing (and vintentional) effect. I then added the firey trail... et voila! Cybernoid was developed on an IBM PC running a super-fast assembler and editor. It assembled a 200 K source file in a few seconds, after which the assembled program is transmitted to the Spectrum via a parallel link. The assembler package also features a powerful monitor that can dynamically alter and examine the Spectrum's memory as the game runs.

All the graphics and maps were designed on an Atari ST, running a specialtsed games design art package. The raw graphics data was converted to Spectrum format data and then incorporated into the main program ready to be assembled. This type of sophisticated games development system is fairly standard in the games industry so there are no excuses for naff games any more (unfortunatelyl)

## Raffaele Cecco



# HOW 

 DO YOU CREATE THE INE
## Inertia, no problems! This time

 I've called up Steve Marsden who's writing Blood Brothers for Gremlin to answer this question 'cos he's got lots of neat inertial effect in there. Unfortunately Steve goes on a bit, so you're getting half the answer this month and the other half ... yes you've guessed it - next month! Go for it SteveOnce it was decided that Blood Brothers was to feature characters based on the good old thrustpack wielding spaceman genre, we wanted to abandon the normal 'instant response' type of sprite control and go for something a little more lifelike. OK, the term 'instant response' sounds a bit like one of those Hi-Fi parameters that the Dixon's salesman keeps quoting at you when you're looking at the latest CD
players, but seriously though, let me explain. Take a look at most games and watch the way the main characters move - ioystick right, and the character moves right (instantly) joystick left, and hey presto the character moves left. Taking this point further, when we stop applying the directional inputthe character stops instantly.

This kind of control has become the norm for ninety nine percent of games and it is something that programmers (and you the buying public) have come to accept. Cast your minds back a couple of years to the Hewson game Uridium. Originally developed on the Commodore 64, this game employed an 'inertial' type of response in order to give the realistic feel demanded by such a game. (For those of you who haven't seen Uri-
dium - go and scrounge a copy from somebody). Just imagine the same game without the inertia effects - yes, it would look very second rate and probably the game would never have achieved the success it did. The gradual speeding up and slowing down of objects produces the physical effect know as inertia that affects our everday lives. The man firing a rifle, the force of the bullet leaving the gun barrel imparts a reaction to the man known as recoil. Inertia and recoil are only two reallife effects that act upon moving bodies - we are also affected by gravity, we have different masses and a moving mass also has momentum and possibly friction if it is moving agains a solid surface.
Zzzzz! is that somebody snoring out there? OK, it does
sound a bit like the old school physics lesson. Well it is to a certain extent and that is probably why nine out of ten games prefer not to use physics when it comes to animation routines. If we go back and examine our aims with the Blood Brother animation techniques, we find that all we were after was a more realistic movement routine which simulated the effects of inertia, gravity, recoil etc. In a Spectrum game which demands so much of the limited computing time available, it would be impossible to have complex mathematical formulae dealing with logarithms and other funcfions for two reasons - (1) The Z80 microprocessor doesn't like logarithms and complex maths, (2) Neither do I.
The Basic Game Loop
To try and understand how a

Hmmm, I thought. Cough, splutter, cough, I thought. How do you use Plot, Draw and Circle in machine code? More to the point why use Plot, Draw and Circle in machine code?

I rang Damien Scattergood 'cos he's a super duper megaexpert at using the Spectrum Rom. OK Damien:

## Plot:

This is the simplest to use of all the routines. The easiest method of using this routine is to call it from location \#22E5 ( 8933 decimal). On entry, the routine expects to have the $x, y$ co-ordinates of the point to be plotted in the BC register pair, so to plot a point equivalent to Basic's, Plot 100,90 we only need to write

$$
\begin{aligned}
& \begin{array}{ll}
\text { TD BC, } 55 A 64 ; & \text { Plot } 100,90 \\
\text { CAIL } 2225 & \text { coll Plot Rom }
\end{array} \\
& \begin{array}{l}
\text { CALL }=22 E 5 ; \quad \text { coll Plot Rom routine } \\
\text { RET }
\end{array}
\end{aligned}
$$

The first thing this routine does
is to store the pixel address in the sytem variable Coords (23677-23678). It then works out the address of the pixel to Plot and sets it. It will also work correctly if the Over 1 command has been issued from either Basic or machine code.
Calling the Draw and Circle routines has the effect of corrupling the information held in the aliernate HL register pair. Unfortunately the contents of the alternate HL . register pair is needed by Basic and so if we wish to return to Basic then this register pair must be saved and later restored.
First we must switch to the alternate register set by issuing the EXX command. This will allow us to use a Push HL command to sove the alternate register pair which we then follow with another EXX command to bring back the normal register set. On return from our
routine, we will issue the same commands except wè use a Pop HL instead of the Push HL command to restore our old H'L'.

## Draw:

This routine which is located at \#248A (9402) requires 2 register pairs to be set up. $B C$ must hold the absolute values of $x$ and $y$, the steps of the Draw statement. DE must hold SGN $x$ and SGN y, the directions of the plot. That is, if we wanted to Draw 50, -50 we would use

[^1]able. So, if we wanted to set the last point plotted we could easily do this by either ploting the point using the plot command or by simply setting the value of Coords to the point we wish to draw from. This is easily done in assembler with

## ID A. 100 <br> (D (COORDS +0) A <br> to (COORDS + 11.A

## first co-ordinate

second co-ordinate

## Circle:

This Rom routine is slightly different from the others in so for as the values to be used in the Circle command must be placed on to the calculator stack. This does not pose that many problems, as there are already available to us routines to put numbers on to the calculator stack. The simplest of these to use is Stack-A which takes the value stored in the A register and places it on to the calcula-


## WITH <br> A SECRET PROGRAM

I've
a Spectrum +3 and a Multiface 3 . I was playing Starglider when I activated the Multiface. Suddenly a message appeared on the screen saying that it was an Amstrad test program that would corrupt discs.
It then went through a series of tests, and I could check my joystick, colour, sound and cassette. It then asked for a test disc, and not wanting to damage any of my discs I reset the computer.
No matter how I've tried, I haven't been able to get the screens back again. What was it, and how is it triggered? Steven Leighton
Tynemouth
Tyne and Wear

- What you've stumbled upon is a final test program hidden in the +3 for use in the foctory. In the good old days, Spectrums were tested as they tumbled off the production line by plugging in a test cartridge, but to speed things up the program is now induded in the computer
I'm not sure how you got to it from the Multifoce 3 though. To get to it normally, you should dear the Spectrum by pressing down the reset button, and then hold the BREAK key down while releasing the reset. You'll see a colour test-bar screen appear, which is there to help you tune in your TV. Now press the QAZPLM keys down simultaneously, and youll find yourseff in the test program.
Most of the Spectrums can be tested like this, but to finish off the job youll need a special lead and test disc, which aren't generally available. But by putting in any writeprotected disc, you can get to the end of the program. The computer will tell you that the RS232 and the disc tests hove foiled, but the rest of the results will be accurate.
One lost thing. What does EAU do from the test-bar screen?


## WITH A RIGHTHANDDPORT

Recently
I bought a second hand dk'tronics joystick interface with no instrucfions. I know the left port uses Kempston, but please can you tell me what the port on the right uses? Adverts in ISU say it uses Sinclair and others say you use keys $6,7,8,9$ and 0 .

## WITH <br> CHANGING PERIPHERALS

I've

+ , an Opus Discovery disc drive and a Brother HR5 printer. I'm thinking about getting a Spectrum +3 , but don't want

Irm having nightmares about interfaces slowly eating me alive. Help! Andy Evans North Yorks

- Um. Yeah. That's cool. Perhaps it might help if I was to reveal that 'Sinclair' and keys 6 thru 0 are in fact the same. Identical. The interface, like the original Sinclair Interface II, contains circuitry which converts the Joystick movements into electrical signals which the Spectrum is quite convinced comes from the keyboard. Easily fooled, the Spectrum.
Enjoy your kip.
to have to change peripherals as well.
Will any of the above work with the +3 , or will I have to buy new cables or new interfaces?


## I Noble

Old Harlow Essex

- The Brother will work, but you'll need a new cable to match the different printer part on the +3 . The Opus is a goner, I'm afraid; you won't even be able to reuse the discs on the +3 's drive.


# WITH WRITING A BOOK 

$\|$want to use my 48 K to help me write books. Can you please advise me what I need to add to the Spectrum to get a good word processor and printer.

Most of the adverrisements in SU don't have enough informafion to help me decide.
Roger Staten
Roberton
Biggar

- You're going to need three things; software, interface and printer. The software and the interface can be usefully combined in the Ramprint interface, which has both a standard printer port and some word-processing software built-in. Printers start at about 150, and if you're planning to get your books pub-


## WITH AOWONKY SIGNAL

Sometimes
when I switch on the computer I get interference on the screen, and the reset button doesn't clear it. I have to hit the Spectrum or pull out the mains lead to fix the problem. This
lished you'd better get one with NLQ (Near Letter Quality) to keep editors happy. A nice one is the MicroPeripherals MP135.
That's the minimum configuration. You should also seriously consider a dise drive and a 'proper' keyboard, because the Spectrum 48K rubber wonder can be difficult to use when fast typing is needed.
A better way is to take advantage of the fact that many misguided Spectrum owners are buying new machines (a process mistakenly known as 'upgrading'), and thus a good number of complete systems are available at staggeringly low prices. A quick advert in your local paper should produce not only a good selection of computers with printers and software, but also a couple of local experts who will give you a couple of hours help 'getting started' in return for you buying their system.
happens also when I'm playing a game, when I don't want to yank out the leads. What could be causing this? Mark Ashworth Huddersfield West Yorkshire

- Had this happen to me. It tumed out to be a bod solder joint inside the modulator, which resulted in the TV signal getting disconnected from the aerial lead now and ogain. Ifs a 10 minute job for someone with a soldering iron


## WITH FINDING ADAPTERS

1recently heard of a teletext adapter made by Volex called the TX2000s, but I can't seem to find any adverts or info obout them. Do you know anything about them and how they work?
Alan Harris
The Mount
York

- I remember the TTX! Just . . . The TTX looked like a VTX modem, and plugiged into the back of the Spectrum. Plugging in a TV aerial produced Ceefox and Orade pictures. They worked quite well, apart from one horrendous design flaw - the power supply had an identical plug on it to the $\mathbf{Z X}$ power supply, and as it produced about three fimes the volts most TIX owners ended up with fried Speccies.

Aside from that, they were reliable and usable, worked with Spectrums and $\mathbf{1 2 8 s}$, and stopped being made some three years ago. Worth seeking out second-hand, if you're a careful soul.


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## OST

Blagh! Not recommended, but you have to remember that PBM is infectious and maddingly addictive.
You'd not think that RPG by post was that interesting - but I was lucky enough to have a great GM called Jim Botten in a C\&S (Chivalry and Sorcery) campaign who, in response to my outline orders would send back the equivalent of a fantasy novella telling me what happened! You can't expect the pros to provide that sort of service but commercial PBM companies can offer things that no single enthusiast can. That's big computer moderated games.
There's a great variety of Computer Moderated Games - Fantasy jobs like the stalwart Tribes of Crane, or the newer (and who knows, better - see review next month) Dark Blades, and Sci-Fi bashes such as Star Master, New Order, the massively popular KJC Games It's a Crime and Global Supremacy dominate the scene. Although rules may differ massively the principles are the same. You get big numbers of players - depending on the game, but up to 400 or more. You usually control a kingdom, planet, party or whatever, with certain characteristics and objectives and orders are coded to you on a turn sheet, together with messages to other players to the GM. Deadtines vary from two weeks to one month, on average.
To start off you send off to a company for a start-up kit, which will contain the rules book, and maybe a few free turns. After your free turns have run out, you are usually talking in the region of $£ 1.50$ per turn.
$\qquad$
These big games, given the diversity of humanity that is playing them. can be a real scream - and if you're into PBM, you ought to try at least one. So that's it for now - the idiot's guide to PBM.

Addresses: Standard Games, Arion House, Station Road, Kings Langley, Herts WD4 8LF
KJC Games, PO Box 11, Cleveleys, a central GM, probably an enthusiast that runs a fanzine in which he/she prints the results. In exchange for a few quid they fit you in to the next game start, and you find yourself playing in a game with six total strangers, probably living all round the country, sometimes the world! Problem number one solyed. And as you can only communicate by post (sometimes phone as well) you never know who is talking to who and what they are saying. Plus the written word opens up all sorts of counterfeiting possibilities for those with access to a photocopier

It's also possible to play adaptations of existing board games or RPG. Monopoly by post??? Yup, it's been done, Railway Rivals too - and I was once involved in a Napoleonic wargame by post that involved writing down the orders of well over 100 separate pieces.

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## PREGEN <br> \section*{8}

OK, I admit that, in the past I've been, well, wrong about certain things. One thing, however, of which I am $100 \%$ sure is that, as some of the greatest minds have suggested, "It's a funny old world"
Proof? All right - let me pick at random a game from the Previews this month which will prove the funnyness of said World. Let's take this one here. The one with the little black figures in 3-D. What's it called? The Last Ninja 2. What's it the sequel to? Why, the Last Ninja of course. Nothing too "funny" so far.
How was the Last Ninja received? It wasn't. It still hasn't been finished. It might come out around Christmas. Now, this strikes me as a

combat scenes are extremely realistic; instead of just being able to walk up to your opponent, you can literally run rings around him, attacking from the side and the back. Another feature which promises to make life more interesting is the way you can pick up, manipulate and use objects. It's

and expansion of the ideas in Target Renegade instead of finding a weapon on the floor, and being able to use it instantly, you'll have to make yourself a set of chucks from the most unlikely objects.

As well as things which you use to clobber people, there are puzzles to be solved and lots of places to explore. At the moment, it looks like it's going to be about six loads long - less for 128 K owners - and we'll be very surprised if it isn't BRILLIANT! But then, as it hasn't actually been finished yet
Streetdate: June.
Price: $£ 8.95$


## CHUBBY GRISTLE



Hands up anyone who didn't think this Hlooks uncomfortably similar to Jet Set Willy? Come on, come on. Don't be shy. None? Ah, yes, there's one lurking at the back. And what's your name, sonny? Grand Slam Entertainment. Double barrelled eh? Humph.
Well, what do you think it looks like? No it doesn't fook fike a new concept in games design, actually, does it? No. It looks like a very very old games style that really does look pretty tired these days and ought at least to have some interesting new features.

So what an earth are you doing releasing something like this? Eh? Oh, ?? $m$ then. Tell the class what happens then? What do you mean vou're too embarrassed? Well, 'rm glad to hear it. It I had a game that involved playing the part - fnar - of a fat traffic warden called Chubby Gristle and ruaning around trying to boek enough eame to earn your bonus before tea-time when you can have a big scoff, P'd keep pretty quiet about it too.

## Streetilate: June

Price: $\mathbf{7 7 . 9 5}$

## BLOOD BROTHERS

\#Farkd Kren! Not the sounds of EGraham Taylor clearing his throat after one of his dingusting cigars, but the names of the twin heroes of Gremlin's forthcoming space arcade adventure Blood Brothers.
The planet Sylonia is rich in minerals - or it was, before the horrid Scorpions attacked. Now the valiant brothers must scour the surface of

Scorpis and penetrate its automated defences, searching out the gems to return them to their native planet. Using jet paclos, hoverbikes and various weapons hidden around the planet, the two brothers must regain the treasures before they're caught by the scorpions (ook! Nartyl). Lookn like fun.
Streetdate: April.
Price: £7.99, $£ 12.99$ disc


T've often thought that if you sawed a skate board in half, put wheels on both bits and strapped them to your feet, it would really catch on. You could call them, ooh, rolter skates. Otviously the same idea has occurred to someone


## FURY

Now, you can call me a Nsoft-topped carrot if you like, but I'm not entirely convinced of the brilliantness of Martech's new thang, The fury The advert and box artwork has been produced by a bloke called Rodney Matthews, who is "Jamous" for doing loads of album covers for heavy metal bands. OK, ev. erything fine so far.
The plot is a concoction of Rolerball Mad Max and Clockwork Orange. all monstrous cars and unrealistic speeds, racing around a track for a future clvilisation's entertainment.
All sounds great, and the selection process of your vehicle looks even better. You gulde an ultro-smooth cursor around, highlighting carenhancement options and modifications etc. Everything has a price, and you can only purchase a car within your price bracket. So there's scope for wheeling and deal. ing and working your way up the social-scale for stock-car drivers. You get the feeling that this is all leading up to something fantastic.
Which is why you might be a smidge, er, "bemused" by the game screen, which looks, oh lord. Look. Look at the pleture and I won't say anything else, all right?
Streetdate: July
Price: $£ 8.95$

else, 'cos Gremlin has come up with Skate Crazy which is all about them, and looks spiffy.

It features a lovable mannequin called Freddy who has to skate around jumping ramps, passing between cones, avoiding oil patches and dodging oll cans. Each course has to be completed within a time
limit, and if you think it sounds like $720^{\circ}$ you might be right. The perspective view is slightly different, but the scrollerama background and skatey-Jumpey characters are even better if you ask me, which we'll have to assume you have.

Streetdate: June/July
Price: 27.95


C
alm down, calm down. Yes. You've just been playing Hyper Active, haven't you? It's fantastic, isn't it? Easily the best game you've ever seen on a cover-tape, and a whole lot better than a lot of the full-price stuff around at the moment. Well if you can tear yourself away from the screen for a few minutes, you might like to hear what we know about Gutz, which is the new game from the people who created Hyper Active, Special FX.


Apparently - hem hem - the whole squishy idea was thought up by Andy Rixon, who does all the graphies for the Fexxers (as they aren't called by anyone) after having a dead spooky experiment "dome" on him (tt was a Barium Meal Test, which involves swallowing a mildly radioactive paste in order to examine the digestion apparatus - "Doctor" G. Taylor). Judging by the plot, Andy has either undergone something


pretty awful or is totally barmy. I mean, if you had hundreds of alien antibodies scurrying around and being all horrible on top of a little man running about shooting everything in sight in your stomach, wouldn't you be a little worried?
Well, as you can see, it's a semi-3-D sort of thing - a bit like the early sections of Platoon and involves a lot of shooting. You can tellit involves a lot of shooting because you've got a BIG gun.
Anyway, the storyline goes like this:You've been swallowed by an enormous alien, and if you hang about, you're going to get digested. The aim of the game? Work your way up the digestive svstem, up through the tummy, up and around all the tubes and finally out of the mouth of the big beast, shooting and killing things on the way. tooks fab.
Streetdate: June/July Price: $£ 7.95$


## ALTERNATIVE WORID GAMES

I rent you sick to death of $A_{\text {playing all these World }}$ Winter Super Olympic Test Challenge gamest We are. Stick up to the blummin' teeth begorra an' no mistake.
So it's a jolly good show that Gremlin have decided to take a rather curieat look at the whole business with Alternative World Games.
None of the teeth-clenching. posturing competition found in the abourrly serinus gamee here. No way. Just a bit of a laff. The events are largely comic in nature, like the pillow-fight, sack race and pogo-ing.
There are eight events in all and the whole thing will probably turn out to be just as likely to cause all the awful rows and punch-ups when everyone goes
all sulky when they lose. Typical. High novelty value. Streetdate: JuneJuly Price: 17.99

## Price 21.90




- IeeeeeeeeeyyaAaAA W Weeeeegaaiahah HEEEEEEEEYYYAA. WEEEGAAAH HEEEYYAWEGOOOOO! Yus. The computergenerated football season



## NOW GAMES



P
Whew-er! Now here's a sexy little collection, if ever we saw one. It's called Now Games 5 and ir's jam-packed with six scorching sizzling saucy software stars from not-
too long ago.
It's not due out for a month or so, but just to get your whistles whetted, we thought we'd give you a sneaky peek through the bedroom keyhole at them.

There's International Karate, Hacker II, Prohibition, Rebel, Street Hassle and Kat Trap, all of which were at least moderately fab, and so the combined package, by the law of averages, must be worth at least a bit of attention.
Streetdate: June
Price: £9.95

Now, the first one didn't fair too well in the ESU reviews stakes, attaining a relatively naff 4 stars. Still. what with all the fab features included on the sequet, I'm sure it will be a whole lot better. The screenshots look a bit more promising, too.
Some of the more interesting features include crowd violence, police bills and a history page, whatever that might be.

It's only going to be available for 128 K owners and will probably keop Tony Dilion and people of his ilk busy forever (let's hope).

Streetdate: June
Price: Unconfirmed



,Well you can make me sit on a howitzer shell if this isn't a picture of Aretic Fox from Electronic Arts, the American 'giant' And doesn't it look nice? Nice to see everything's running on-time at EA. It was only October last year that it was "coming along quite well." In case you've forgotten what it's all about

(or have gone into a coma through old-age in the meantime) rill tell you

Aliens have invaded the Arctic circle and are building a big machine which will completely screw up the atmosphere and kill everyone on earth, making lots of room for their funny alien goings on
So you get in your super duper sel-fi tank and go and blow everything to bits.
Its a bit like Battle-Zone on ice really.

,Well, it's not very much in the Works, but we thought this would be one of the more appropriate places to tell you about the impending demise of Piranha.
Yup, the time has come for the company who brought you Rogue Trooper (Crap), Trap Doors $1 \& 2$ (Fab), Flunky (Hopeless), Yogi Bear (Spiffing) and Mr Weams and the She Vampires (Dire) among others to your Spectrum to mosey on up to the big press-
launch in the sky.
Macmillan Books, the enormous publicher that founded Piranha a couple of years ago have decided that computer software is not their cup of tea, so it looks like Judge Death and Halo Jones will never see the light of day, which is a shame really, as the law of averages suggests that at least one of them would be pretty good.
No room for a Mystery Screenshot this month, but we can tell you about the one we printed last time Remember the cyan affair with the plan view of the school? Well, it was the Skateboard Construction System from Players
The first person to rung us was Ian McLiddy from Aberdeen, who rang up about half-an-hour after the magazine hit the streets. Congrats to lan, who we believe is still in intensive caree after a telephone kiss from Tamara. If anyone wants to see a pic of SCS, you should have ruddy well bought the last issue, shouldn't you?


- Going underground da na da da da na na naaaa Goin' underground Well yes You blummin' well will be going underground with Corporation from Activision. Underground with EXCITEMENTII Yes, it's another game all about digging holes all over the place and mining and things. It's a bit strategic, but we wont hold that against them. Anyway, all the twizzly wizzly menus and graphics (look) should well make up for it.

Phwoooaarl as the male members of the [SU] team have been dribbling for months. Vixen's arrived, and since the boize have been subjected to accelerated pulse rates and sweaty palms for months as the promo items came flooding into the office, I took it upon myself to write the review. Well, we don't want them keeling over from heart attacks now, do we?
The plot behind Vixen is dull in the extreme, as these things often are, and is a thinly disguised feminine version of the Tarzan story, swapping boy for girl and monkeys for foxes. Vixen, brought up in the jungles of Granath by the wiley foxes is the only thing close enough to a human being left on the planet, and so it's up to her to clear the place of the nasty mutant dinosaurs.
The nasty mutant dinosaurs (hereafter referred to as the

NMDs, not to be confused with OMD who were a relatively successful band in the early 80s) can only be disposed of by a good whipping lif I hear one person go, 'fnar' there'll be trouble Douglas) and thus Vixen, dressed in an entirely impractical jungle bikini, is armed with a handy large whip. So off she goes, joggin' along and she's whippin' the NMDs left right and centre. Some of them closely resemble Itsy and Bitsy; the spiders from that kids' TV programme yonks ago, some of them look like jelly fish with rheumatoid arthritis. Either way, whip 'em quick (some of them take more than one whip. so beware) and whip anything else which comes your way. Stones and funny gourd things will hide extra points, in the shape of gemstones which can be collected, a mega whip
(DOUGLASI be quiet at the back there) and fox time, which is represented by a fox head (peculiarly enough) and is thoroughly useful on the bonus round when you turn into a fox. Ah. Not only was Vixen brought up by the wiley foxes. but she also has the ability to metamorphise into a fox herself and run around underground collecting extra gems for bonus points. Nice trick, I'm sure that I'd find it thoroughly useful whilst travelling on the Tube.
Gameplay throughout is fairly standard, what we have here is a horizontally scrolling whipping game with things to leap over, things to fall down and things not to bump into. Although with protuberances like Vixen's it's going to be hard

The central figure is actually very well animated. The girlie trots along at a rather sedate jog, hair flapping nicely in the breeze, and she's got a good reach with her whip. This is all perfectly acceptable whilst she's above ground, but once she gets into the caves, well, it's another thing entirely. Crouching down, the poor girl has to walk like a targe orang utan, knuckles dragging on the ground, until she reaches a spot suitable for a spot of metamorphasising. The change into the fox is done nicely, but


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