VECTOR

The critical journal of the British Science Fiction Association

75P

Albion Writ ~ Dave Langford Geoff Ryman interviewed Book reviews and Letters

The Face of the Robots

L.J. Hurst on Asimov

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DANGEROUS DIVISIONS Readers' opinions and views on amongst other things, theology, and the new look Vector



THE PACE OF THE ROBOTS J. Hurst asks, does Asimov's vision of robotics and their future really



O HAPPY DAY Paul Kincwid talks to Geoff Ryman about his phenomenal success as an author of literate, visionary fantasy



ALBION WRIT

David Langford spoke about a great many things during his quest of honour speech at Novacon 14 last November, it least one of which was his forthcoming novel, The Leaky Establi



Reviews edited by Paul Kincaid
Including Barbara Davies and Paul Kincaid on Virconius Enights by M. John Harrison; Tom Jones on The Merchants' War by Prederick Pohl; and Mike Dickinson on The Power of Time by Josephine Saxton, amongst many others

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DAVID V RARRETT

"We hold these truths to be sacred and

"Thou shalt not kill. Thou shalt not commit adultery. Thou shalt not steal ...

PEW DISAGREE WITH THESE CONSENSUS BELIEFS, which our lives and attitudes are consciously or unconsciously directed, but it does not take a doctorate in moral theology to establish their naivety. They are generalisations of areas of thought or behaviour which, while useful as such, cannot be recarded as universally applicable, as laws of the Universe, or of God, or the gods; for to argue from the general to the particular (inductive reasoning) is as prone to distortion of logic, common sense and reality as to argue from the particular to the general (deductive reasoning). Having said that, and having accepted that there are exceptions to every rule, we may still safely assume that the general consensus is that: "Thou shalt not kill, etc."

"Thou shalt not kill, etc."

But - to paraphrase Animal Farm - some
basic truths are basically more true than others. Consensus beliefs are subject to change. It would be unthinkable now to have a

man for stealing a sheep, to send a seven year old child up a chimney, to call a woman a slut because her ankles are visible. But tell a respectable businessman of a hundred years ago that he is not allowed to refuse to employ a man because he is black, or that his daughter plans to live with a man without marrying him, or that a woman has entered church without a hat. Unthinkable! These aren't just changes in law, or in fashion. They are changes in deenly-held consensus beliefs.

It can be disturbing to live through such changes. Two examples:

A few years ago smoking was socially acceptable. If you didn't like it. tough: it was up to you to move away from it. But in my last office the five non-smokers exercised their democratic right and forbade me to smoke. That I could - just - accept. What I could not accept was their attitude towards me: I was disgusting. They were in the right; I was in the wrong. I was the offender. I was the pariah. I became an oppressed minority. And society, which (in all other respects) is sworn to protect minorities, lends its full support to the vilification I suffered. What has happened? The consensus belief has changed, that's all.

"There seems to be a deep change in the way men now look at the world, as if one truth should drive out another - as if whatever is not their truth

must be falsehood." Marion Bradley, The Mists of Avalor

2. Ray Honeyford, Headmaster of nd Middle School, Bradford, was pilloried and subjected to abuse because he dared to disagree with the consensus beliefs about multi-racial educational methods. Put simply, he wanted a high standard of education for all his pupils - the white minority as well as the non-white majority. This was judged racist.

Consensus beliefs are even stronger



group, an elite. Try holding a discussion on comparative religion with a fervent evangelical Christian; or suggest to the youth selling 'Militant' that though there might be something in what he says, has he considered the policies of X,Y,Z party on whatever political topic. Immediately you are marked down as the Enemy, the Evil One. You're happy to discuss all sides of a question; they will not accept the validity of any viewpoint other than their own. Voltaire may have said, 'I disapprove of what you say, but I will defend to the death your right to say it'; they will deny you even that right.

This is where a deeply-held con belief becomes intolerance, arrogance, and a danger to freedom of speech or thought. In short, totalitarianism

Martin seemed to receive his ideas as if they were personal attacks instead of considered differences of opinion-

- Paul Preuss, Broken Sw

Overturning current consensus beliefs has long been done in SF, but too often clumsily or didactically, Reinlein's Parnham's Preshold reverses Mestern racial prejudice; Edmund Cooper's Who Heeds Men? reverses sexual stereotypes. Both are unsuccessful; they come over as contrived and insincere. You can't just swap things around and say, 'Wow, that's really revolutionary SF.

Consensus beliefs are the power behin convention; they stem from, reinforce, and create convention. But fighting convention itself seldom works. Kids rebel against society's norms in clothes and hair - and end up wearing the uniform of the Mods or the Rockers, the Hippies, the Greasers, the Skinheads or the Punks. They replace one one to conform. en they are shared by a relatively small | convention with another.

And there are conventions in St writing. Take politics as an example: it is de rigeur that fantasy should be set in a feudal world, and that the far future should be either libertarian or authoritarian But a political system is a socio-economic system, which means it affects society, which is composed of people, who are individuals. The author has changed the system, but has he changed the consensus beliefs, the deepest convictions, the givens of his characters? Or are they just late 20th Century Western middle-class people - or worse, 19th century cowboys or 17th century buccaneers - in a different milieu?

Conventions and consensus beliefs change; so do acceptable styles in SF writing. 'The Golden Age' - hard science, spaceships and blasters. 'The New Wave' heavily influenced by and spurred on by Moorcock, and helping to form such differently brilliant writers as Disch, Delany and Ballard. But Moorcock had also responsible for reinforcing a heen nvention - Sword & Sorcery - which pervades the lower derivative end of fantasy even today. The convention of the higher derivative end, of course, is Tolkien, as we are constantly reminded in the blurbs.

New Maye became a convention like any other, but it had the raw sophistication and energy of the Sixties, and it ought to have continued to be a major influence on SF writing. Some of the blame for its early strangulation might be laid on Chris Foss and his imitators: their cover art may have sold millions of SF paperbacks in the Seventies, but it set the development of the genre back by decades: cleverly designed hardware was back. Perhaps not in the authors' minds, but certainly in the minds of people who don't read SF - I'm not into battles in space' - and, far more seriously, in the minds of publishers.

Technological SF is a legitimate part of the genre, just as S&S is a legitimate part of fantasy. But not 100%. Where is the publisher with the guts to ban the clunky spaceship and the swashbuckling hero/oine from his covers? Covers plant impressions in the minds of both non-readers and readers of SF; an image is created, and then authors are told, 'I'm not saying it's not good, but it's not really SF, is it? It won't sell, you know.' It doesn't have to have rayguns and spaceships; we're back in the Forties and Fifties again.

In the last twelve months I've read just three new books that were original, that bucked the system and won through into print. Rob Holdstock's Mythago Wood, Chris Priest's The Glamour, and Mark Helprin's Winter's Tale were SF with guts, whatever they were marketed as. Their authors each had an idea that was not just good, it was alive. Then they ignored the conventions the consensus beliefs, the straitjacket that SF has become trapped in, and wrote three of the most outstanding books of the

last few years, in any fictional genre. But these are the exceptions. Fulltime authors have to make a living from their writing, and if the publishers won't accept their work, or if they manage to convince the authors that the public won't buy it, what can the authors do?

Or maybe the publishers are right. Maybe their presumed consensus belief of SF is correct. Maybe the only valid and viable SF is Sci-Fi. But that thought is too depressing, and I, for one, have never been

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though.)

this.

We're still getting response to Vector 126, but so far only a trickle of letters about Vector 127. The more quickly you write, the more topical this column will be; until I get a permanent address, please continue to write via Paul's address.

I PARTICULABLY ENJOYED THE INTERVIEW WITH JOE HALDEMAN (Vector 126); the interviewers came over as respectful but not sycophantic (a problem with a considerable number of interviews).

Liz Sourbut makes some interesting points and I agree with the main thrust of the article. Of course we must be critical, but in some cases it seems current SV can do no right. If you look through the last year's issues of <u>Vector</u>, <u>Matrix</u> and <u>PI</u> some reviewers/critics/commentators seem to take pleasure in stating that they no longer read SF, in which case I find it difficult to understand why they continue in the BSFA. A classic example of this masochistic breast-beating came in the interview with M-Jo Harrison in Vector 122, culminating with his statement that he was no longer going to write SF.

Times change, styles change, readership preference changes

thank God. Many reviewers have their roots in the last period at best and often several periods ago: this colours one's views. Thus it takes concerted effort to understand the new period; many fail to do so.

TOM A. JONES 39 Ripplesmere Bracknell Borks

THIS WEEK I SEE THAT THE FILM DEATH VALLEY, SHOWN ON TV RECENTLY. is being blamed for a knife attack on a man in his doorway by a complete stranger just a few hours after. I also read that there is outcry over a planned episode of Grange Hill in which a pupil becomes a heroin addict. It is alleged that this will encourage more children to use drugs.

In Vector 126 Liz Sourbut suggests that the Americans would never have walked on the moon if it were not for the writings of pulp SF in the 40s.

Can this really be true? Does society reflect literature and television? Or is it the other way round? I watched the film Death Valley. It didn't tempt me into killing anybody. I don't think that this film would have that effect on anyone who was not already this way inclined. As for

Grange Hill, if the programme is accurate about heroin addiction then I doubt if it will encourage but rather, discourage people from drugs. Perhaps SP pushed America to the moon, but if so why has it not pushed us further? Where are the orbiting space stations? Why have there been no missions to Mars? It is nearly 20 years since the Lunar programme began but we have no Lunar bases (unless they're just not telling us).

I AM NOT SURE THAT THE PAGES OF VECTOR ARE THE CORRECT PLACE FOR theological discussion, but...Mary Gentle (7127) suggested that

the resurrection was added to the Jesus 'myth' late in the day.

Martyn Taylor (¥127) quotes similarities in the gospels' accounts of Jesus' sayings about his future resurrection to attempt to refute this assertion. Now, the gospels were written approximately 30-50 years after the events they purport to describe. It seems to me unwise to use such sources to try to

prove things one way or the other. It all depends on what is

meant by 'late in the day.' Thirty years gives plenty of time for accretions and embellishments to the original events or sayings to have become accepted as actually having happened or been said-

(I got the impression that Mary meant even later than this,

no Christianity: Mary that the dying God myth isn't specifically

Christian. I can see that, at the time of the early Christians, a supernatural element in a religion was a necessary condition for

its promulgation and growth. (It may even have been necessary to invent it.) This is precisely what Mary was getting at. However, and I don't want to be wilfully misunderstood on this as I'm not

necessarily stating my personal position, belief in the Resurrection is not actually mecessary for Christian belief at all. All that is required is a belief that Christ died to redeem sins. A sufficiently good man, not a God, would be enough for

don't know what happened on the 'first' Easter because I

there. Neither was Martyn, nor Mary. The only descriptions (divinely inspired or not) we have of these events were written

Martyn further states that without the Resurrection there is

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terzone

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by men and are, therefore, fallible. The reasons for which they were written are also now unfathomable. The writings are as much JACK D. STE 60 Ardross Place Glenrothe

open to exegesis and interpretation as any others.

Continued on page 18...



MY NAME IN SCIENCE FICTION IS MOST OFTEN ASSOCIATED WITH robote" Asimov wrote in Onus 100. The basis of this was a number of short stories written between 1939 and 1957, and two novels published in 1954 and 1957 respectively. Since Asimov abandoned consistent SF writing in 1957, ossible to say that robots concerned him throughout his active SF career. Even though he later wrote two or three other short stories and has recently published a novel The Robots of Dawn, (reviewed in Vector 122) the production date of the best known of those late short stories (The Bicentennial Man in 1977) and the marketing of the novel seem good reasons not to include them in this reconsideration. Asimov's robots are the robots that he wrote of between 1939 and 1957.

Although they are sometimes treated as identical there are actually three types, or worlds, of story. The best known is that of I. Robot and some of The Rest of the Robots - the world of US Robots and Mechanical Men, Susan Calvin and Donovan and Powell, describing events between 1998 and 2057; the second is found in the rest of the stories in Rest of the Robots and one other story, which are varied in date and location; and the third is the universe (Earth and Outer Planets) of the two novels set in about 5000 AD. The Caves of Steel and The Maked Sun. There are major differences between the treatment of these three types.

Writing in 1958, Asimov said "It was not until 1939 that, for the first time as far as I know, a science fiction writer (Asimov means himself) approached the robots from a consistent engineering standpoint...To me, the applied science of manufacturing robots, of designing them, of studying them was 'robotics'" (Opus p75). With Asimov's declared aim to end the Frankenstein theme of creations capable of turning on their creator, the stories raise a number of questions about his approach and his success: I think we should check that the robots are logical, decent, useful and of human benefit. The robots do not have to be aware of this, but we should be: the robots may be showing us the way that automation should or should not go, or else Asimov did not examine well the problem of automation (robotication).

In the short stories of the immediate future (the US Robot starios) we see the manifesture and use of robots but not their invention, which is passed over in I, Robot in a couple of lines. The stories concentrate on the experience of Susan Calvin, robopsychologist, and Donovan and Powell, a team of installation engineers. They work for US Robot and Mechanical Men Inc. because the company makes all positronic robots and only leases them out-The company has enormous power, as do its agents, partly because of the cost of the robots, but in turn employees' lives are curtailed by the company, internal politics and fear of repercussions. Several stories revolve around employees having to perform acts that are illegal or socially undesirable or both. In this period, robophobia (both against robots as machine and as agents of automation causing unemployment) has led to most

of the robots being kept off Earth, and the need for the Three Laws. Although Asimov has explained how he developed the laws through several stories, he has never written a story about their origin (they do not seem to have been planned by US Robots, to whose interests they run counter). And given the alleged power of US Robots it looks doubtful that they would have been adopted.

US Robots seems to have been inspired by IBM. But when the robot stories began to appear IBM was not a computer company: it was producing mainly office machinery and tabulating machinery. As IBM became a computer giant Asimov's stories did not change, even though he regards computers and robots as identical. So they should obey the same logic and be as consistent. At the same the lives lived and the descriptions of it hardly echo that.

time, the life style of the early robot period is the same as ours, or was the same as ours, with all its social problems and all the problems of work invading social life.

Three thousand years later, in the two novels, space exploration has occupied the planets but Earth is overpopulated. exploration has occupied the planets but Earth is overpopulated, causing the inhabitants to live in huge cellular Cities. Robophobia is still endemic, partly because of the unemployment problem. The situation is as it was when Susan Calvin said: "The labor unions, of course, naturally opposed robot competition for human jobs." However, both US Robots and trade unions seem to have disappeared. While the separately developing Spacers have eugenics. Earth has none. The three thousand years have allowed certain social patterns to become inherent; everyone is now ampranhobic on Earth, so that leaving the Cities is impossible. Sexual discrimination has continued on Earth, so that Jessie Baley has to take her husband's grade, and give up her own job just like Claire Belmont three millennia before; and on the planet Solaria, too, a Spacer wife has to move in with her husband, horrible as his presence is to her. Generally, life is unpleasant, although Elijah Baley, the novels' hero, seems to be happy in the City, in his graded cell-inhabiting life.

With this background it is worth looking at the logic of the

robot fiction, both in the explicit logic, how the robots work, in the implicit logic, the consistency or inconsistency of the fiction.

The general impression of the novels is of an unexplained social regression. Three thousand years' development has not occurred. For instance, while 'Satisfaction Guarantee' has Tony, a human simulacrum, on Earth before 2058, the appearance of humanoid Daneel Olivaw is treated as a marvel in the two novels-And the development of Tony with the Three Laws is contradicted by 'Let's Get Together', where simulacra are built without them-The development of robots on Solaria and the Outer Planets has proceeded at a faster rate than on Earth, but even there development has not proceeded at a fast rate. The plot of The Maked Sun revolves around robot-piloted spacecraft as potential webicles, wet how humans could have crossed space and hyperspace without them is not mentioned (even though they were being tested

in 'Risk' and 'Escape' before Susan Calvin's death). In the light of Asimov's 'engineering standpoint', the question of control also deserves consideration. Robots have the complex Three Laws built in but they lack far simpler checks and controls. They seem to lack simple validity checks on their data input, they do not have ways of storing information, nor do they link information. Several stories revolve around robots damage because they are allowed to accept and proceed with faulty or damaging data (the talking robot in 'Robbie' and The Brain in "Freame"). A simple programming check (for instance, a typical computer check would be that a day of the month must be a number between one and thirty-one) is missed completely. Similarly robots forget easily: 'Do you know who told you?' 'I do not, master. It is in my memory store.' (The Maked Sun, pl34) seems odd. Is the word 'not' missing?

Lastly, on a higher level, robots cannot recognise patterns, eg the patterns of Baley's social life or of his speech. Several stories revolve around problems of language, where figurative statements are misunderstood repeatedly as literal, as Joseph Patrouch has pointed out about 'Little Lost Robot'. Here, 'Get ost' is understood to mean 'Don't let yourself be found' instead of 'Go away'. Yet knowing these problems, major commands are given to robots in ordinary speech (eg 'Risk') without any attempt at fixing meanings by using a programming language or a dictionary or pre-agreed meanings. The general impression is that robots are built well but are badly programmed, indeed seem never to be reprogrammed or corrected at all. As Joseph Patrouch points out; when Lenny the baby is not programmed to be like an adult, that does not mean he is programmed to be a baby. In a robot both states should be the result of programming. To suggest otherwise is wrong.

Asimov's imagery and the language of his characters further complicate his worlds. Earth humans address robots as 'boy' and when a poor women might be served by a robot shop assistant (clerk) she is shocked -'Why can't I have a decent clerk? Ain't I respectable?' The position of the robots is treated as being like that of Asimov's contemporary Negroes. The attitudes encountered and the language used imply that robophobia is as irrational as race hatred. But this is reinforced by the robot design - the makers 'built good, healthy slave complexes into the damned machines' says Powell when a robot replies 'Yes, Master' to his question ('Runaround'). Three thousand years later the Solarian robot nurse still says 'master'. Only the capital letter has disappeared. The Spacers and their robots talk of a C/Fe culture - biological/mechanical -but the robots still serve-

Purthermore, the Cities several times are given references that refer back to earlier crowded, teeming living areas. The east European shettoes and the Yellow Peril are recalled in indirect references. The Cities are 'the agme of efficiency', but Before the physical perfection of the Spacers Earth is nothing, its inhabitants little more than a necessary evil of declining importance to the Space trade.

The fall in living standards can be seen, as population constraint means strict Earth grading and rationing. No-one ever seems to question this grade, which can be raised as promotion, or lowered. Reduction has two causes - one is punishment (Baley's father lost all grade because he was responsible for a nuclear disaster), the other is loss of one's job - usually due to automation.

Grade provides benefits in peculiar ways: '(Baley) didn out his rating ticket in his hatband till they passed the last of the Hudson sections. A C-5 had no seat rights east of Hudson' Baley uses his privilege to show how his world works, but do people still have to wear hats after living indoors for three

thousand years to do it?

Whatever is governing Earth has no concept of full mployment. Robots replace humans with little consideration of the costs or of the lost good will. Unless the capital costs of robot building have fallen since Susan Calvin's death (something not mentioned), it would be worth comparing the cost of a robot against a human shop assistant, who has to be housed anyway, and is fed on yeast mush. But this never seems to be done. In fact, apart from Daneel Olivaw, who is not doing the job he was designed for, we never see a robot working normally (with one exception - see below).

Robots replace humans in another way, too. The novels need to be set three thousand years ahead to allow a reasonable period for human conditioning to change. Both novels revolve around a human response totally unimaginable today. In The Caves of Steel it is accraphobia, which luckily allows Baley to ignore the 500+ City exits, while in The Maked Sun it is fear of human contact (which must have developed over a far shorter period). Both of these changes are pre-conditions of the plot - Baley could not investigate or solve his cases without them. to this extent the umans are programmed because they have ceased to know the human free will of travel or communion with their neighbours. It is the robots, either because of poor commands or some fluke, that are inconsistent. Story after story revolves around this irregularity - the robots provide the interest because the humans cannot. Neither Susan Calvin nor Elijah Baley can be described as a hero-The superbly developed Solarians are almost inhuman in their isolation

Quite contrary to this spirit of robotisation, though, is the treatment of robots as individuals (like Lennie, Dancel Olivar, or much later, Andrew, The Bicentennial Man). At the end of 'Liar', Calvin has driven Herbie, the mind-reading robot, incane. Patrouch says: 'One's attitude toward Asimov's robots will probably determine to a large extent what one thinks about this. If you consider them as complicated machines (as Asimov does), then her reaction was no worse than unplugging a coffee pot. But if you consider them artificial people (Asimov tells us that they are conscious, remember), then she has wilfully driven another character insane to protect her vanity'. So some stories revolve around the importance of protecting the robots, such as 'Runaround', while in others they are expendable. Susan Calvir treats Lennie as a human child, and in her association with the bot) political leader, Stephen Byerley, treats him as a human adult; how can a C/Fe culture develop when one half of it can be switched off?

Bobots and computers are the only orbhable way we know of to access non-human (artificial) intelligence. But Asimov scens to provide no non-human alternatives; the actions and attitudes of his robots are based on clear stereotypes in human existence. when he wrote 'Reason' - about a robot arriving at religious belief - he simply used Islam as his model, rather than create any new supernaturalism. The robots are synthetic, not organic, but hardly break any barriers about difference or equality. In

creating the robots he failed to define a non-human alternative.

The other main strand to discussion of the treatment of logic in the stories, apart from the physical world, is the consistency of the stories. In a speech to the SPWA in 1967, Asimov said: 'There are disadvantages to a series of stories. there is, for one thing, the bugaboo of self-consistency. It is annoying to be hampered, in working out a story, by the fact that some perfectly logical development is ruled out since, three stories before, you had to make such a development impossible because of the needs of the plot of that story' (Opus p255 -Asimov is talking about the Foundation series). It reveals a lack of planning and, perhaps a lack of purpose. With no premeditation he never seems to realise the inappropriateness of his contents (like Baley's hat). But generally speaking, to be inconsistent is to be il logical. Asimov hinders an interest in robotisation or the problems of Artificial Intelligence because of this lack of consistency. Despite the Three Laws binding robot behaviour most of the short stories revolve around robots breaking them, as critics have noticed, and both of the novels use robots as agents of murder. But irreconcilable differences also occur on a much larger scale.

As noted before, 'Let's Get Together', a Cold War story involves human simulacra, robots built without the Three Laws yet everywhere else the Laws are pre-eminent, and positronic brains are supposedly unmakeable without them. The story also contradicts the political developments in 'Evidence' and Inevitable Conflict', which involve world federation in 2044, as it is set about 2050. By the time of the novels the venomous Jovians of 'Victory Unintentional' have disappeared, but so had an attempt to link the novels. Both were written for Gold's Galaxy and a major publisher, not for the ephemerality of the pulps, yet even in them planning and consistency are lacking. The Caves of Steel ends with Commissioner Enderby being turned into a double (or triple) agent, working to turn the Medievalists of Earth into a force for emigration, relieving Earth of population pressures, and identifying the home world with the Cutes Worlds, Vet when The Maked Son begins, this emigration is not mentioned, nor does it appear to have begun although it would have to be a major political issue. The resolution of one novel is treated as though it had not happened in the next-

Perhaps it is now understandable why I find one story far more satisfactory than all the others. It is the only one where robots work normally, the only story in which humans do not appear, the only one that does not involve the Three Laws. It is 'Victory Unintentional', Asimov's sixth robot story, written at a time when 'the robots are still not taken quite seriously' by their author. Robots identifying with their masters so much that the Jovians do not realise 22 One, Two and Three are not the humans they previously contacted, yet individuals, they also show signs that Asimov was questioning his paradigmatic Three Laws. am not surprised now', burst out ZZ One, 'that we were specifically instructed to disregard Jovian orders' -implies that Asimov was thinking of the Second Law as being 'A robot must obey the orders given it except where such orders would conflict with the First Law' (omitting that these orders must be given 'by human beings'). And the robots are also treated as peaceful -""We're only robots. We're not the ones they (the Jovians) have to fight" - implies the short solidarity. Of course, this runs contrary to Baley's co in The Naked Sun and also to Susan Calvin's synopsis of the situation - 'There was a time when humanity faced the universe alone and without a friend. Now he has creatures to help him. stronger creatures than himself, more faithful, more useful, and absolutely devoted to him'. And the solution to the story turns in a most indirect way on victory without the robots being aware of using any of Calvin's attributes.

'Victory Unintentional' is written without limitations o the description of the robots; they are supermachines. In the worlds of susan Calvin and Elijah Baley it is the limitations and meanness of their lives and environment that comes between the reader and robophilia. The robots may be nothing to fear, but the conditions in which they are used certainly are. It may be better not to have robots and not to have to work for US Robots or in the city yeast vats, than to have thinking, devoted slaves who make us unemployed. If the robots come as Asimov extrapolates,

the good times will have gone for good.

The world of the robots is one to which they have contributed rather than made totally, but it is a dreadful place-Robotisation has helped move it towards the cramped overpopulated Earth Cities, and the soulless isolating Outer Horlds. The technical development of Asimov robots leads finally to a dead end: without them we are limited, with them we are limited as well. The people who develop them are unattractive, the people who have to work with them are unattractive as well, and the poor programming they receive means that it is difficult to show their success.

Asimov wrote his robot stories to attack the Frankenstein theme; perhaps his creations never came to life.

RTRE-TOGRAPHY

Teaar Asimov

Brian Stableford

T. Bobot [1950] The Rest of the Robots [1965] The Caves of Steel [1954] The Naked Sun [1957]

Piction, ed Nicholls [Banther]

[All Panther paperbacks] Opus [Andre Deutsch, 1980] (contains Opus 100 and Opus 200)
'Robots' in The Encyclopedia of Science

(This rejects Asimov's claims about his precedence in his portrayal of robot benevolence.

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P. Parrinder (ed) Science Fiction: A Critical Guide

> (Provides an alternative reading of 'Victory Unintentional')

Joseph F. Patrouch Jr

The Science Fiction of Isaac Asimov (Panther, 1974)

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DAYS'

An interview with Geoff Ryman, by Paul Kincaid

The

HAS BEEN A GOOD YEAR OR SO FOR GEOFF RYMAN, IN MAY 1984, AT Tynecon II the Mexicon, his dramatisation of Philip E. Dick's The Transmigration of Timothy Archer was premiered to considerable acclaim (and Geoff himself won special praise for his own performance). Around the same time, in Issue 7 of Interzone his incredible novella The Unconquered Country was published. The response to this was similarly fervid, resulting in a very clear victory in the BSFA Awards for best short fiction. The Unc quered Country would have been a clear favourite for inclusion in the first Intermone Anthology but for two things, its length and the fact that it is already scheduled to appear as an illustrated book. So instead Geoff received the singular honour of being invited to write a fresh story for the anthology. The result was O Happy Day, which I am not alone in considering the best thing in the anthology, indeed I consider it better than The Unconquered Country.

quered Country.

Now to complete the year his first novel, The Marrior Who
Carried Life has just been published by Allen and Unvin. Mike
Dickinson reviewed the novel in Vector 172 and on the evidence so
far I would tip it as a strong contender for next Easter's BSFA
Award. An evenful year by an standard.

When we met recently, however, I began by asking him about his first published story. The Diary of the Translator which appeared in Hilary Smiley's Mew Worlds Tem in 1976.

"It came very very suddenly, on a train going to a party! Joy this terrific idea for a story! It was one of those things where you more or less start writing it in your head, and I had to sit there on the train, go to the party, be polite, come back on the train, keeping the story going until 1 got home to write it. As usual the first draft took no time at all, then after that I apent a lot of time revising it."

It was a very assured story, so I was surprised when he said that it was the first short story he had written.

"I'd been goofing around writing, but it was the first short story I'd ever written. Usfortunately I'd read Tolkien and The Once and Future King, and I thought that if you're a writer what you did was splured all all over the place. So I kept trying to write these great big home enormous things.

It was the idea of 'short stories' that inspired men one little somes after another, five little somes. It was a very indulgent story; I didn't have any commercial discipline at all. I think it was well written in a way though I wouldn't write it like that now; I think it was very pretentious in bits. I was very lucky that there was still a scrap of New Worlds left over to take it. I mean, there was a window there and it just slipped in before the window closed."

Lucky or not, pretentious and undisciplined or not, a story of the quality of 'Diary' would normally have presaged a steady climb to eminence. Perhaps it was the closure of the New Morlds window that stopped this happening in Geoff's case.

He next works a torry called "Fall of Angels", which was by first introduction to him. He took it to a writeral course as Hebdem Bridge where we seek in 1977, along with Alan Dorry, Mike Dictimon, Grabul absess and Histon Counties, or formiable line-up. "Fall of Angels" took the course by storm, it was original and the course of the course by storm, it was original and the course of the course by the course of the course by the course of the course by the course of the course of the course by the course of the course by the course of the cour

Over the next year years he sold a handful of stories to Ad Astra and Men Only, some of which he still considers "kinda good", but which made little impact.

"Then I got bogged down in this huge story - I was half way through at the 100,000 word mark. I gave it to Randall Flynn, who read it and said it was terrible, and I gave it to a couple of other people who more or less said the same.

So I said 'Sed Lit', and thought If I was publisher, what vould it want to be publishing? And I drew up an outline, and it start to be publishing? And I drew up an outline, and it is dear the start of the publishing of the start of the sta

After what he describes as "s long quiet period", he next started on The Unconquered Country, still drawing inspiration from the writing of Marrior. He wrote and rewrote and rewrote the story until it finally ground to a halt at around 18,000 words. Too long for any magazine outlet, but too short for a

novel. So he left it until it fel into the hands of Mike Dickinen and from Bippy, who buth liked it and urged his to do something with it. Net already bounded in length and they said something with it. Net already bounded in length and they said No!. "To be fair they actually said: "If it's as good as JG." Ballard, we sught. And Isaad, 'Thanke'." Mai, under Dickinson."

"I thought I'd make it may on the guys. I make about its werero copies and sent it to all the collective. I thought at least it work have to circulate among them all, at least they'll all have a chance to read it. Which I think was sensible because it's a whoppies they ask it's to long I said I'd how it's too long. They said: We can't get it in the magazine.' I said: 'I know that,' They said 'Though I'd you'd point on have to out it's too long. I said I'd not and all of the magazine.' I said: 'I know that,' They said 'Tou're going to have to out it' I said: 'I'm not sure I can.' And they said 'How, Jon (Tevengr) and John Clute are don't be all they are in the said 'The not control they are in the said 'The not control they are in the said 'The not control the sa

Between them they managed to cut the story down by about 2,000 to 3,000 words, and the story was, of course, published very successfully. This brought me onto one aspect of his work that bothers me a little: it is very violent.

"Yeah, it worries me very much, because I don't think I'm a violent person."

So I suggested, was he trying to make a point against violence by using extreme violence to make the point?

"No I don't think I am. I think I'm trying to write about anger. And I think in the conditions, certainly of Warrior, you're writing about a very harsh society and so I think there's something very objective about the wielness there.

Cars, when she starts out, has some had things about her that I don't like. If wery moved by her love of her family, I'm not very moved by her social snobbery, and I'm not very moved by her social snobbery, and I'm not very moved by her sense of self. What I was doing was fiddling with the fine controls so that soudenly you had a flip-flop, and you modulated from something that was very peaceful.

I don't really deal with structuralism or before that with Freudianism or any of that stuff. First off I don't understand it, so 'l'd be a fool to try it. But I think, post the fact when you're dealing with a fantaay novel you are qetting back to something which is archetypal. And I think an awful lot of archetypal events feel violent, even if they aren't.

It actually does bother me, the violence is the book, It don't know where it comes from. It's as if the characters feel things wery strongly and they're in an environment where they can use violence. Third, in Unconquered Country, can't and doesn't and incit interested in it. She's surrounded by it, it's interpentrated all around her. But she is trying to find a way out, and in a sense could be said to find a vay out, and in a sense could be said to find

Yes, I'm appalled by violence, and very frightened of it. We live in a century in which appalling things continually happen, and it's as if we can't get beyond that point. I think I have to dead with that element in what I we spoin that where it is. I'm trying to program my mulmorancious to come put with something delicate and libria and non-Sattream.

That's as may be, though the thing may go deeper than he thinks. I reminded deeff of a very similar episode of violence ir his first story Diary of the Translator. At one point the Trips...conjured up a replice of a vagins and were grinding out clearettes in it! (New Worlds Tex. pib.)

"Did I really have that with the...Jesus, I'd forgotten that. See, I only remember the nice bits. I only remember Moby Dick at the end."

Violence quite naturally led us to the subject of sex. Though it's getting less uncommon, it is still unusual for male writers to create female central characters. Geoff, however, has done so in two of his most significant works, The Warrior Who Carried Life and The Unconquered Country. "Yes, I've noticed that. I guess I just find women

But this is only one aspect of a far sore significant feature of his work. In a review of the Intersone anthology I commented upon the sexual ambiguity of 'O Happy Day', where wome organise and run the death camp. And something similar crops up in the never in Match Carc Changes into a man for the duration of

"Obviously being gay I'm sure has a big influence. The thing that always ansezs me is the expression about quys: "he doesn't like vomen." Whereas in fact, if anyons have anything about powers they'd know perfectly well that we like women a lot better than a lot of straight have do. had I think that's just part and parcel of the whole thing. I don't find men very appathetic

But he doesn't make the women especially sympathetic in O

"Well, no, it depends on which vosem. That was the whole point, it was funny, because the story not rof got overtaken by another story. There always was going to be central character who jolling begons along, but it did become a thing about America as well, and what was good about America, at the same time, so that was a surprise, that wasn't supposed to happen; though I'm warv slad it did become it away another laws.

But the whole point about it was that you had a whole way of thinking that creates a basis for action by term you could call that 'history'. The thing that you've always got to remember is that in specific practice those categories don't apply, and don't even exist, so you couldn't talk about 'The Men' or 'The Women' or 'The Boys'. In practice the Grils who were running the camp were very nice people. In practice 1984 didn't happen because the people who manned the cameras got so bored that they liked the people they were watching better than the meonle who were ruling them. And Royce, who'd been a prison quard knew that. knew you could end up liking the prisoners better than the people you're quarding them for. So with the shrewdness of a really good person he worked on that. The Grils very obviously knew he was doing this, and forgave him simply because he was more interesting than anything else that was hannening. So there's a sudden nower shift

The ideological villain, if there is one, is Big Lou.
And Big Lou exists, he's absolutely and totally real.

It's a political story, and maybe I shouldn't say this or I'll get something masty in the post. It wasn't written against feminism, of course. It wasn't written against socialist feminism, it wasn't written against radical feminism. It was written against something called revolutionary feminism, which I've heard a bit about through some women friends who've stormed out in disgust at some of the things it's contemplating basically, things along this line. It's real, it's out there, it exists. And my own feeling is, you've had perfectly good and liberating ideologies that have been ruined by mystification before, i.e. nationalism, which was supposed to be a way of splitting up empires, for goodness sake, and establishing the primacy of intangible values over money, over things you could count, intangible bonds of feeling and kinship. What happened was, it got mystified, much the same way that feminism's metting mystified with 'The Earth Mother' and all this sentimentality about mothers and daughters.

Anyway, in a sense it statted out saying; if you're really contemplating this, this is what profit talking about. There was a rationale behind it. A lot of a serous the water, have criticated it because it didn't hold water for thes: I think it would hold more water for the if some sections — which I agree shouldn't really be in there because they weren't inties, may be a section of the interest of the interest

There is in existence a screenplay version of the story



which might win the angrowal of such critics. More simply done it eliminates the explanations and allows the hero to look back at what led up to it, showing his arrest, how he got on the at what led up to it, showing his arrest, how he got on the smuld get him into trouble.

Talking about this dramatisation led us naturally to his stage version of The Transmigration of Timothy Archer, and I asked him why he'd done it.

"Oh, because I'd just read the book and I thought it was wonderful, that's why. I couldn't believe the tone was woncerrun, that's way. I contain the leave the code of voice - just every sentence you could hear somebody saying it in a sort of flat, ironical, very funny, totally fed up, very heart-broken way. And I saw how it could be a play, and I thought: I bet no-one else knows it could be a play, and an incredibly dramatic one.

Do T sweet in the margine, and found there was a lot of So I wrote in the margins, and found there was a lot or rewriting because you just couldn't have Angel talking to the audience. As soon as you begin to cut, it's so married lovely alive (as so much of Dick's writing is) won take one thing out and the connections don't work any more, the connections aren't there. Things become -sequitors, Wild, emotional leaps that really caucht a feeling now were just stranded metaphors. It was very disappointing when I went back and read the first draft and realised I hadn't done it. I hadn't got it. So I cut it some more, and kept cutting it.

For months we didn't have a cast, it was just Kim and me. The only reason I went shead was Kim Campbell said that she'd take it on a which was an incredibly brave thing to do, and quite a leap in the dark for her too,

I decided to concentrate on the humour, because audiences always like to laugh in drama, then I'd concentrate on the key emotional moments. The biggest problem was, he was writing about a bore. You cannot have Tim do what he does on the page. But I was then left with a Tim who wasn't even positively boring. I'd cut out all of his dialogue, or most of it, so there was very little left for Tim to do, which meant that in the third act I had to do a lot more with him. So Tim changed, and that's one of the reasons the ending's different. It also changed, frankly, because you just cannot have a long, slow, gentle settle. You needed something dramatic, something that ended it well, and it had to be spiky and quick because the audience had been there for an hour and a half."

The more we talked about it, the more formidable the task seemed. So I asked him if he'd had any experience of writing drama before.

"I took two playwriting courses at UCLA, and produced stuff of an unimaginable drunge. Timothy Archer was the first anywhere near drama I'd gone in 10 or 15 years. I just didn't think I was a dramatist.

Okay, any writer, you cannot write unless you've got an ear for dialogue. Rule Number One: describe. Rule Number two: dialogue. Rule Number Three: then you learn how to structure something. I knew I could do dialogue. In fact for a long time I could only do dialogue, I couldn't describe feeling at all. So I knew that sooner or later I might do some drama.

I remember when I was writing this long horrible novel that never got anywhere, the main character - I mean, I didn't like the main character - was always putting on plays. And I thought: well I don't like the character and I don't like the novel, but I sure as hell like some of the plays he was putting on. So maybe I was programming myself to write some plays."

When I asked if there was any more drama in the pipeline he meet lasted if there was any make uname in the position to revealed, surprisingly, that he was writing a movie screenplay for Julie Andrews. But he was having great problems with the first half, which is very boring. "See, I'm writing about first half, which is very boring

yoay lite. one shouldn't do it."
This tempted me to suggest that he didn't therefore, see himself as a great realist novelist. He was decisive.

"No. The things I like best about my work are the "No. The things I like best about my work are the realistic elements, but it seems to need a fantasy blokeff computers slope the line."

To be in mine to exist to fortney that will be literature's loss, but our gain. But as a fantasist he is incredibly nroflinate with his ideas. Those of us who remember 'Fall of Protiti recall in particular the casual way in which fresh and wivid images and ideas are strewn across the background. I think any of us at Hebden Bridge would have been only too happy to onstruct an entire novel about the sort of ideas that occupied Unconquered Country will probably have had a similar response. with the background peopered with such details as walking houses and women renting out their wombs to give hirth to tools and weapons. When I pointed this out, he said:

"I've always liked the idea that if you're in a different world, everything should be different. That's why I'm a fantagist and not a writer of fantastic literature where everything's everyday, and then a single element comes in and disrupts it. I keep having ideas for stories like that, but they never get off the ground."

Was that, perhaps, why it took him so long to write stories,

"I don't know why. I wouldn't like to say that was it. Once I get the idea it's very quick with the first great believer that you're embodying with words, and words are terribly terribly important. There's an audible click when it all falls into place-

I always remember Malcolm Bradbury's The Bistory Man. They printed all nine different drafts of the opening of his novel, and none of them are interesting except the one he used."

Bringing the story almost up to date, I now moved on to talk about his next book, which is to be illustrated version of The Unconquered Country due from Allen and Unwin later this year. The of illustrations by Michael Gabriel which accompanied the story's original appearance in Intercome had been commissioned by Gooff in the first place, on I asked him shout these.

"I now feel more kindly about those illustrations that I Aid when they first came. I'd seen the guy's previous work which is absolutely stunning. I didn't understand at the time that artists are like writers, they get seized by inspiration, have projects that they really love and are very good at because of it. I now look at the illustrations that were in Intergone and think they're not too bad, but at the time I didn't think they were very good and couldn't really disquise my disappointment. The Interzone people didn't bother to disquise it either. We couldn't get enthusiastic."

Which still leaves the question of who will illustrate the book version, and that is still open to doubt. "I think we've found this nice Ukrainian, but I don't know."

And there's also the question of the text. He has not restored the cuts made before its publication in Interzone, but the text is longer.

There's another story about Third when she's a child in the village. And that, somehow, for some reason, made it easier to talk about the courtship with the person Crow. I haven't changed too much else apart from that. I didn't turn it into a novel, though I almost tried to."

When I'd turned off the tape recorder at the end of the interview, Geoff suddenly started pumping me for any criticisms I might have of his work. It's not something I have come to expect from the authors I know, who tend to shiver and act distant at the very mention of the word criticism, even from friends. But it

was in character for someone as painstaking as Geoff Ryman. The only problem was - I couldn't think of any. -+-

Fthe N A was L

David Langford's second novel, The Leaky Establishment, is published in paperback by Sphere on 24th October. As a taster, here is the test of his GoH speech at Hovacon 14 in Birmingham last Hovember.

I FREA ALTHUA BIT COLLET ADONT THE SHEALER OF THIS TALK.
IT WENT CHARLEN by Meall, I look up ster chairms flews
Green had persueded me, and found the words 'Too are giving
a Noveron this on your book The Leaky Exabilishment'
tattooed on my typing finger. Disly I remembered the
terrible hours of coercion in the bar, and how flews
finally clinched it by offering me a two-west all-exponses-paid
holiday in lowly freeland at the home of Jone Recaffrey, I was

either that or give this talk.

The quilt is because I redon I'm here on false pretences: I ought to be talking about science fiction, or at any rate out to be talking about science fiction, or at any rate accordingly in the section of the science of the school of the

Perhaps I should start by explaining how I ended up chasing neutrons for five years at the Atomic Weapons Research Extablishment - a job which has failed to impress amphody in the whole world except Gree Benford. Why did you quit Big Edience Bla? he asked me in tones of concern. I told him how much a grateful british government pays its weapons physicists, and he grateful british government pays its weapons physicists, and he

So it is time to tell the true story at last. A story of bome and dependation, of pitful stropping against implementances stry, and with the control of the control of the new layers and the control of the control of the discovered that all my matter a consulting sever change - and discovered that all my matter at Oxford had been applying for jobs. I personally had been bany calcetaing my physics finals, or the control of the or less continuously for all such the before it happened.

Since I was more semible then than I am now. I decided not to become a freelance writer. The lure of a free pint of fixty beer at Novacon 14 was balanced by the fact that in 74 % only sold one short story, to Ken Nulmer, for \$13.0p payable in several instalments; while my masterpiece Sex Pirates of the Blood Autoroid had merely collected rejection slips, from both

the 'Oristian Science Monitor' and the 'Times Literary supplies ment'. Accordingly I misped round to the Oxford carress office and enquired about womancies for top-salaried executives with Jag provided by the company, at a pinch I was prepared to settle for an acton Martin, but I kept that up my slewer for the time being.

of course it turned out that all the really only jobe had been snapped up, right down the line from Chairman of ICI to sagesr maker's bottom knocker. Sneering at my pitiful growellings, they explained that there were only five things for late, humpover physiciata to apply for, and one of them was started inventing lies about my star-attoded career to date.

On dear, it all comes back, like the curry I had at Mancon applied to mis and they lost up explication in the infallible capitle to mis and they lost up explication in the infallible needed teal yes been that part of the property of the capitle to fine and the property of the property

What was left was the Ministry of Defenoe. I approaches their interview row with an onlines seems of down and Ortebeding - which was in fact another haspower - convined they were going to expess my sittle injurious with models trick questions like what? Inside, this evil-looking fellow stared at se with the entry of the second convenience of the property of the convenience of the property blocks movel. We mainty the convenience of the fellow started at several the convenience of the fellow started and the convenience of the fellow started and significance of the Robushear effect?

Thus it was that I became a scientific officer at Addression: and only years after, when I'd saken the radioactive dust of the place from off my shoes forever, did I tell anyone that the day before that interview, I'd been doing an officer shorter error in a the Members officer.

tell augmen that the day before that interview, 10 ben doing an Omford physics practical on the Monsbauer effect.

Mare were a few other formalities, such as being Positively Vetted - which only gounds like Civil Service jargon for a vasectomy. Large thouge covered in hideous scars kept breaking down doors to interropate people about my sexual preferences - I

got the impression that they received some slightly inventive answers. At least I've never worked out why at one interview I was shown pictures of melons and asked about my reactions.

Around then came the first of the amazing incidents which I

couldn't resist nutting into the novel but which nobody can! believe really happened. It was my last week in Oxford, the morning after the college hall, and I was rudely awakened at an unnatural hour - about twelve noon, as I remember. I staggered and the second about the first month as I resemble I a suggested out in my dressing-gown to find another security investigator in the hallway, who explained that while interrogating me for three hours on the previous day while shining lights in my eyes, he'd forgotten the most important question of all. 'Mr. Langford', he said. 'are you...a homosexual?' Suddenly I had the feeling that my perfectly ordinary dressing-gove was covered with evotic brocade in the Oscar Wilde fashion. Summoning up all my courage. I said 'No'. He west sway.

Massahile inside my room, a certain lady whose name I will not drag through the mire, but whom I later married, was giggling

uncontrollably into the nillow-

My dressing-gown may have caused the Ministry of Defence to my dressing-gown may have caused the ministry of Defence to the but the balance was tipped in my favour when a month or so later I and several others got arrested for detonating parts of Oxford with fireworks. This apparently showed the right spirit.
The Crown Court judge actually said more or less this, and I felt The Crown Court judge actually said more or less this, and I reit with a two-wear evises sectored be expressed pious hopes that Wr. Langford's little prack would have no effect on his chosen career in the business of destroying human civilisation as we know it.

So I started five surreal years at AWRE Aldermaston, and after the first six months I knew that no matter what it said in the Official Secrets Act, I could get away with putting almost every detail into a novel. Not only would everyone think it sheer every detail into a novel. Not only would everyone think it sheet were true... One evample that didn't get into The Leaky Retablishment was the time when I was sitting casually in the reactor control room drinking tea, and a reputable nuclear reactor control room arinking tea, and a reputable notices, scientist came sprinting through, clutching an object of classified size wrapped in a lab coat. This was in fact the core of Britain's Independent Nuclear Deterrent, which my superior officer wished to put away so he could get to the bank before it alread to assessed to me that had I so much as mound my foot two inches and trinned him. there would have been a lot of interesting bits of plutonium on the floor, and later on some exciting

mewspaper publicity about the funerals.

As a matter of fact, the way they flung the radioactives around I'm surprised there wasn't a cardboard box by the main exit with a sign saying PLEASE PLACE PLUTONIUM HERE - KEEP BERKSHIRE TIDY. One of my colleagues managed to lose a uranium area was mostly grass and we waited for ages in hope of seeing area was mostly grass and we waited for ages in nope of seeing the results predicted by the best SF, such as a mutant patch of purple carnivorous grass entangling stray technicians in its deadly tendrils. All that actually happened was that one patch went a bit brownish, and the scientists stopped picking the mushrooms which every autumn grew around the reactor building in fairy rings. I thought it very sporting of them to let the security molice have first nick just for once.

Some extremely nasty radioactive material was also involved in an experiment I designed, an experiment so classified that I can tell you nothing about it except that it happened in Nevada... By the way, if any of you have actually managed to outwit my publishers and buy a copy of Leaky, I have a small correction for the text. Thinking that Nevada was classified, 1 wrote Arizona instead, and only when the book was published did I wrote Arizona instead, and only when the book was published did i find that everyone knew which state the Americans use for their underground tests. Speaking of which, I came across the interesting fact that in one such test, a beam of radiation was supposed to go through a little hole to do things to a poor defenceless bit of test material - and the beam missed the hole by a quarter of an inch. You may have had misgivings about the American strike capability, but I bet you hadn't realised they could fail to hit something at two hundred yards' range with an

atomic bomb.
Where was I? There was this experimental capsule, whose destination I cannot reveal to you, incredibly fragile yet cor taining extraordinarily dangerous substances. It stood on a laboratory bench; all that remained was to put the lid on. A trained British craftsman set to work; the lid stuck and wouldn't go on straight; and he started hitting it with a big hammer. I don't quite remember how and I and five other scientists managed

to teleport outside the suddenly closed door-

After all this it was no surprise when Aldermaston had its big flap about plutonium contamination. Some people contained so much of the stuff, they could hardly walk for the weight. The famous signs appeared in the AWRE library, saying 'To avoid assembling a critical mass, staff are requested not to gather in groups of more than five and to remain at least 0.6 metres apart (1.2 metres if wet). Everybody who'd so much as looked at the plutonium entry in the periodic table was ordered to report for checking under the Whole Body Monitor, an elaborate device using sophisticated electronics to tell whether or not you still had a whole body. Aldermaston's enthusiasm for investing in this be secretary of two nuclear policy committees and take all the

essential safety equipment was so great that the nearest monitor and the state of the same of the same to

wenty miles away at Harwell.

I duly went there and had my inmost secrets probed: they warned me that there might be a certain amount of experimental warned me that there might be a certain amount of experimental error in the reading, and those of you with an intensive ecientific training may judge that this was correct. Here's the latter I eventually received from the Superintendent of Personnel Cofessor

.... The estimate of plutonium in the lungs resulting from the whole body monitor tests at ARRE Harwell on 19 October 1978 is minus thirtu-nine papacuries.

y-nine nanocuries. This result has been passed to the Dose Evaluation Panel for consideration...

You may mack, but I found it strangely reassuring to know I could playfully nibble a full 19 nanocuries of Pu before reaching could playfully nibble a full 39 nanocuries of Pu before reaching extreme purity and cleanliness - at least back in 1978 - une than I seems purity and cleantiness - at least back in 1970 - and that entering the regular Independent Deterrent Egg'n'Spoon Races. With the Aldermaston computer system, what got contaminated was my brain-

As I remember it, the outfit at AWRE bore about the same relation to real computers as (in the organisational field) the sera ted does to TRM. The advanced programming facilities BSFA Ltd does to IBM. The advanced programming racilities available to Britain's crack nuclear scientists consisted of a wide range of FORTRAN. The computer itself lived in a sort of blockhouse murded by swarms of security men almost as merciless and brutal as those at Seacon 84. Nothing could penetrate that computer's impregnable defences! Nothing, that is, except the information flowing along handy, tappable cables to terminals around and even off the site. By terminals I mean, of course, reletures. The whole thing must have been under a preservation order as a magnificent example of 1950s industrial archaeology.

Again I hit the problem of things which people refuse to believe. I had a bit in Leaky about an exciting arcade-action Space Invaders game which ran on a teletype. I've given up trying to persuade anyone that this was mere cold historical fact to had to be there. There was youl sense-of-worder in reading the computer manual which went on about the elaborate defences of the AWRE computer operating system, and then finding you could crash the whole system by commiling a nerfectly legal program in

My favourite memory is of a useful little feature which the computer staff themselves proudly offered to users; it was supposed to make it easy to scan through the information you had stored in the machine. It did. It also made it easy to scan stored in the machine. It did. It also made it easy to scan again quite quickly when I pointed this out; I suggested an OBE for contributions to national security would be in order, but the

mean burners wouldn't give me one. Computers are boring and I can hear the crash of catatonic

bodies in the aisles, but I can't resist telling about the anaging Aldermaston micro. One day somebody had the bright idea of filling a van with radiation detectors so they could cruise the streets just like the TV-licence people, spotting illegal nuclear stockniles. Like the one accidentally acquired by the hero of my book. (All the van ever did detect, I gather, was a radioactive patch on the road near Mortiner in Berkshire, Fell off the back of a lorry, I suppose.) I drew the short straw and had to suss out a microcomputer to analyse all the rubbish picked up by the detectors -I suppose it would have been embarrassing if hordes of security quards had burst from the van and riddled someone with bullets, only to discover he was merely carrying an outsire luminous watch.

The trouble was, this was the MoD and there were budget problems. I could sign for as many things as I liked which cost #50 or less, but the full weight of bureaucracy would land on the I dared write out a single chitty for a back of my neck if forbidden amount like #50.10p. We ended up buying some cheap chips, and persuading a technician to build a micro from scratch, while I spent eight weeks of my life writing machine code for the wretched thing. At last the great unveiling came, and to my illconcealed surprise the whole shambles worked, and the AWRE bigwigs looked on it and saw that it was good. So of course it was junked. After all, the project could now be given a big budget, and with a big budget there was no point or prestige value in Langford's nasty little shoestring computer. They spent a few thousand on a pretty minicomputer instead, and I was secretly pleased when it failed to work as well.

This was of course quite logical in bureaucratic terms, in the same way that it was logical for the scientists who actually did AMRE's work to inhabit horrible disintegrating wooden huts on the far side of the marshy bit of the site, while mere parasites like typists and security men got luxury purpose-built offices by the main gate. Again, the logic of seniority meant that I had to

minutes, my chief qualification being that I was the only person even more conservations conscious site heating with live steem on either committee who was deaf. The molution was to sit next to on either committee who was dear. The solution was to sit next to the committee chairman in an attitude of sycophancy and ignore the committee chairman in an attitude of sycophancy and ignore were Impressionist works of art, whole vistas of unspoken meaning conveyed in a few deft words like 'The Chairman agreed. The conveyed in a rew dert words like 'The Chairman agreed, The chairman disagreed. The chairman could not endorse the first day to flush neutron contamination from their bodies. appalling experiences on such committees. I find I'm now wickedly

especially when... no. I mustn't be growl. I'm also prejudiced against engineers. My main contact with engineers at Aldermaston was when one rang up, explained that his section had spent two years working on some new and ever so section had spent two years working on some new and ever so background work for them in, say, one week? Ever willing to oblige (which means, ever willing to find an excuse for putting off my own urgent work), I asked for some vital information like the density of the state beauty in state, as though I a made it. 'I'll ring you back', he said. After a week of what I suppose it. 'I'll ring you back', he said. After a week of what I suppose must have been massed research errorts by his entire engineering team, he rang me back. This time he sounded actively hostile: 'I've got the information you asked for. We've measured a piece of the material. It's Sum by 10mm by 25mm, and it weight unwritum grams. Can you work out the density from that?' Faintly I assured

projudiced eminet exciting events like BCFA meetings, even when

the speaker is someone charismatic like Alan Dorey. In fact.

him that with the aid of a computer I probably could. specifically, cranks. Every so often I'd get appalling wads of badly duplicated bumf in my IN tray: as well as security regulations, these would be new theories of physics submitted to AWRE's front office and passed to the nearest convenient sucker (me), just in case they contained the ultimate secret of life, the Heisense and engelithing Con the ball belief and consistent theory of atomic and muclear etructure. I particularly consistent theory of atomic and nuclear structure; I particularly liked the way in which every single element as yet discovered by science was a special case, an exception which proved the fellow's general rule. One of the predictions of this revolutionary theory was that nuclear weapons couldn't mossibly work, and I thought it kind of the author to let us know. No ever. I was prejudiced against him because he didn't even believe in the Mosshauer offect ...

The best bit of alternative science to land on my desk was Robert Kingsley Morison's An Experiment With Space. I quote:

'Strenuous but pathetic attempts have been made by terrestrial air forces to obtain possession of extraterrestrial knowledge by capturing an alien space webicle...

This book suggests a more sensible approach. As Experiment With Space not only lessens the chance of a national monopoly on levitation but also takes us beyond the stage of idolising the Space Brothers-

Robert Morison conceived a simple idea for congrating legitational forces in 1969; but not until August 1979 could be assemble enough scientific and philosophical thoughts for a book. Anyone who succeeds in mastering gravity will make possible a vast expansion of humanity's horizons - thus enabling men to change."

He doesn't say what it'll enable women to do. Anyway the front cover blurb smills the Secret.

'Internal wortex lifts 9-metre disc by space dynamics: angular velocities of 20000 to 40000 revs/min mean molecules moving at 11 km/s. YOUR PLANET NEEDS YOU to consider and investigate possibilities that may radically transform civilisation. Like neutralising gravity and debunking materialism.

The owneral idea is that molecules at the edge of this spinning disc are moving at orbital velocity and therefore the whole disc will naturally drift off into orbit. One of us dropped the aut a note asking why CERN at Geneva, with particles circling its storage rings at nearly the speed of light, hadn't passed the orbit of Pluto long ago. I understand the reply was that that was part of the world-wide cover-up, and that to fool the public CERN had been secretly bolted down.

My collection of anecdotes about the horrible grottiness of Aldermaston used to be endless. Those MoD policemen fondling helpless young scientific officers' thighs. The amazing gate security system whereby all attempts to smuggle out plutonium were presumed to happen in the evening so there was no need to spot-check people or cars at lunchtime (this, no doubt, based on close study of office hours at the Kremlin). The 5MW reactor from the days before the energy crisis was invented, which blithely threw away its entire heat output into the surrounding air (yes, it was a swimming-pool reactor; yes, somebody did fall in). The

even more conservation-conscious site heating, with live steam being carried around a five-mile perimeter fence by above-ground nines which not only leaked at the joints but to boost heat-loss pipes which not only leaked at the joints but to boost heat-loss by radiation were painted black. The Boyal Visit with the Owen being treated to a display of amazingly incontinent MoD quard-The local newspaper which really believed and printed the story that ANDY scientists had to drink twelve pints of beer each

Well. I could go on forever, and by the time I'd finished writing the bloody book = including all this and more =I felt I had gone on forever. (The same drained feeling is experienced by refer you to the novel itself: Just on to any major bookshop and they will explain they've never heard of it. Event for Roa Deuton, who with a hume and enthusiastic smile will say, 'Sold reyton, who with a nuge and enthusiastic smile will say, sold to publish a paperhack conveniently in time for Novacon, but unfortunately they picked Novacon 15.

I not out of Aldermanton in 1980 for half a dozen reasons. One was that, as I've said until even I am bored with hearing me say it I found I was sarning less than civil servants who were of technically lower rank but worked in booming areas like or reconsiderly lower rank but worked in booming areas like unemployment benefit; this was calling to my elitist soul. Amin. unemployment Denerit: this was galling to my elitist soul. Again, Joseph Nicholas used to spit on me in the streets, and big Rob women accounts used to spit on me in the streets, and big Rob Holdstock would accost me saying 'I want to know what you do vivisecting those poor neutrons at Aldermaston; I won't understand a word of it but I have a right to know! Again, the
MoD wouldn't even let me take unpaid leave to extend my coming
TAFF trio to America. Amain. I had contracts to write some books TAFF trip to America. Again, I had contracts to write some books and wanted to do them in means, without security men noking their soiled fingers into my nice clean prose as they did with War In 2020: 'We don't like the implication here that neutron bombs are harmful', they would complain. Other reasons included conscience, an ever-growing dislike of having my thighs grouped. and the thought that one day I could write rude things about the whole olace

whole place.
You may wonder if any of these rude things not me into trouble. I did have one alarming phone call: "This is Aldermaston Security. We're somewhat upset by this book of yours, The Leaky Establishment, and we'd advise that all copies be immediately withdrawn from sale pending a possible court action. While I was still saying fluent things like 'But' and having heart attacks, the voice burst into coarse laughter and revealed itself to be my (former) friend Paul Barnett, alias John Grant. By way of apology he dedicated the next John Grant book to Hazel and me, but Hazel in particular is not wholly certain that this is a high honour-The book is called The Truth About The Plaming Choulies.

I wrote my first rude things about AWRE in New Scientist under a pseudonym of course -'Roy Tappen', who later became the hero of the book. Following this ... well, here are the inner secrets about how books get commissioned. Maxim Jakubowski had told me it was worth going round to Frederick Muller Ltd with a few book proposals, because they were owned by Harlech TV, had pots of money and gave you super expense-account lunches. So I made an appointment to drop in and discuss a heap of brilliant book ideas which I then quickly wrote. 'What time?' they asked.

'Oh', I said casually, 'Now about an hour before lunch?'

Katie Cohen, the Muller editor, smiled sweetly as she tore each of my ideas to tiny little shreds until there was a hollow reverberating emptiness in both my briefcase and my brain. 'You haven't any more ideas?' she said. In panic I searched my pockets and found a crumpled merox of the New Scientist article, and said 'Maybe I could base something on this, sort of semiautobiographical...' For the next half-hour Katie did the most brilliant selling inh I've seen, convincing berself what a wonderful novel this could be, while I sat there, silent excent for strange inner rumbles and hoping for lunch. At last she looked at her watch. 'Send us a synopsis and we'll send you a contract', she said. 'And now I'll have to say goodbye because I'm lunching with someone'.

After that, there seemed nothing to do but write the book otherwise the day would have been wasted altogether. The trouble is that, having disposed of that particular section of my obiography, the next novel should logically be about the joys of freelance writing and how proud one feels to create the wital raw materials of the remainder trade. This, alas, is the sort of thing that's so depressing, it's fit for nothing but the Booker Prize shortlist. Maybe I'll write a relatively cheerful SF novel about nuclear holocaust instead. If so, I must try to pick a better title than The Leaky

Establishment - the problem with which is that if you mention it often enough to an audience, the word 'leaky' has a subliminal effect and people keep leaving for the toilet. In fact, it's beginning to work on me as well, and I'd like to be excused for a few minutes before we go on to Question Time - which will take place in the bar. Thank you all.

(This speech has previously appeared in Eyster)

CURIOUS AND UNSETTLING PLACES, THESE WORLDS Keith Roberts creates, not worlds transformed by the effects of technologyas-magic or through the wholesale dislocation of reality, but our own world, seen through a mirror slightly flawed, wherein one or two items commonplace to us are missing, and their stand-ins, peripheral to us, assume a disconcerting emphasis, Canals, combine harvesters, or traction engines, perhaps - and now kites.

I felt uneasy rather than disconcerted - a kite is a summer afternoon's fancy, a child's toy. Still, these are Kites, proper nouns. While the folk of Kiteworld understand the principle of the wing and come to develop the internal combustion engine, either they fail to put two and two together, or they lack the will to do so, because although the Kite's functions might then be performed more efficiently, the emblematic tradition would be lost. The flyers hang above the border, guarding the the Badlands, yet the pre-launch ritual seems just as important, a priest in and earth. The kites, you begin to realise, are crosses brandished against vampires and while the flyers achieve ends which are both practical and totenic, they also may have a private heast in wiew, something different to that they are ostensibly seeking. Raoul has an aerial battle with the demons of sexuality: the enignatic Canwen contemplates the Void, a 'State, in

which there is no scale'.

For Keith Roberts might give us the trappings of a baroque science fiction piece, yet his gift - at least, until the final scenes of this novel - is to ensure that the trappings do not overwhelm the individual. The Badlands, for example, offer easy snares for those who would take the Kiteworld too literally. These lands which surround the Reals shine in the dark and their inhabitants are stunted and coloured a translucent blue and you can see their inside workings. 'I think men did it, to each other', one character says sturdily. Yet these are the post-holocaust visions of the popular imagination and as such far too garish. It's all a form of words, says another character. Does it matter how we describe an agent of Hell? As a post-holocaust statement. Kiteworld creaks in a strong breeze. As a human

metaphor, it works just fine Kiteworld is a dark and troubled book It opens with a strong sense of finality -The ground crew had all but finished their litany. They stood in line, heads bowed. silhouetted against the last dull flaring from the west' - and while there is a sense of order still present there, anarchy looms ever larger as the book progresses. We also detect improvements in technology and signs of material prosperity (by the fast cars, cigarettes and bluejeans) Maps are nonetheless difficult to obtain, a faint echo of Pawane, perhaps 'it wouldn't do to have the ordinary folk find out too much about the land they live in' - but. generally speaking, the ordinary folk of Kiteworld have more than their counterparts of Pavane, whose repression in this respect was to be their long-term salvation. Is this modernity the downfall of Kiteworld? fiction paraphernalia intrudes; Keith Roberts doesn't say. More likely it denotes the external symptom of an inner

really within the Realm and within its then rejected that, yet even if it were so,

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REVIEWS FOITED BY Paul Kincaid



of mind. Two religious movements, Middle Doctrine and the Variants, war for the souls of the people, the Middlemen's teachings of acceptance of the moment and submission to fate losing ground to the shriller dogmatism of the Variants and their extremist cousins the Ultras, who attendance, the Kitemaster sprinkling oil wholeheartedly adopt the new technology (automatic guns and armoured half-tracks). Against this background unfold the stories of several individuals and their responses to the general cancer. (The book comprises a series of linked novellas, in the familiar Roberts' manner.) The first half of the book is the more powerful, taking as its theme the spread of the decay into personal relationships. 'Kitecadet' and 'Kitemistress' introduce the idea of innocent sexuality being soured and this atmosphere is maintained in 'Kitecaptain' and 'Kiteservant', the first a story of incest, the second of the unprincipled and pitiless betrayal of simple trust. 'Kitecaptain' and 'Kiteservant' are quite the best pieces in the book, at least if you relish a harrowing read. The manner in which Roberts creates scenes of warmth happiness and then savages the stillbreathing bodies of his characters is masterly, in an excruciating and ultimately depressing sort of way.

body politic and entrapping closed states

Later in the book. Kiteworld becomes an even grimmer place, yet the depression lifts and the emotional atmosphere mellows with the introduction of the character of Velvet, a curious creation who is lovable, amusing and irritating by turns. She seems a self-consciously dickensian exercise, a cross between Little Nell and the Artful Dodger - she don't talk proper, but 'as an 'eart of gold, Velvet is wicked, but without malignancy, her activities directed towards her vision of owning a little house with baskets of flowers on the windows ills. Clearly, there are degrees of evil. Roberts is enlarging the scope of his moral exploration in anticipation of the conclusion he is driving for-

Yes, the ending. There's nothing wro with it and there's everything wrong with it. We learn that the centre cannot hold that the Kites are no defence as the fire runs up the strings and that the heat that can be hoped for is that a few pieces of human flotsam may be washed up on a brave new shore. Morally, and in terms of the Realm as metaphor, it is a fine ending. Narratively, it jars horribly, Science melodramatic reunions are staged. I momentarily considered it as being over the top, intended to make us view all of what The Demons, it becomes clear, are has gone before in a different light. I

the conclusion not being true to what has gone before, to Roberts' real attributes: his lowing and detailed evocation of places, countryside, physical things, even machinery, and his sensitivity to human emotions and fallibilities.

Perhaps it is worth noting that some readers have detected a slight sense of such an imposition at the end of Payane, I have tried not to labour the comparisons with Pavane - a book with which Roberts made a rod for critics of future volumes to beat him with - although the publishers push the association (and who can blame them), citing in support of the Roberts' cause Victoria Glendinning's review of the recent reissue - 'a cross between Thomas Hardy and Russell Hoban'. As I recall the review, she also considered Pawane to be a wery mod book, so mod that it overflowed the confines of Gollance's SF packaging. You can argue about that amonast yourselves. Meanwhile, Kiteworld is quite a good book, but the ending ensures that SF packaging is appropriate.

VIRICONIUM NIGHTS - M. John Harrison [Gollanox, 1985, 158pp, #8.95] Reviewed by Barbara Davies



VIRICONIUM WIGHTS IS A COLLECTION OF SEVEN short stories, set in the strange, haunting, mutable world of Viriconium and its citizens, last met in M. John Harrison's previous book, In Viriconium. It is not an easy collection to read and the author starts it with the following quotation:

'Nothing stays. Nothing is completed. I can make nothing whole from it, however small. Elizabeth Taylor, A Wreath of Roses

The first story - 'The Luck in the Head' - is the strangest. Here is no gentle introduction to Viriconium (or Vriko or Uroconium as it is variously called). The reader is thrown in at the deep end and left to drown. Concepts and items are described rather than named and it is not until later stories that one begins to get an inkling of what is going on. The plot is about poet Ardwick Crome's search to give meaning to, and hence banish, his recurring subjects, the Badlands embracing a diseased the effect would be the same, the effect of dream about a lamb's head given to him

during the ceremony - The Luck in the Read. This ceremony ends with the head of a lamb being cooked in meat pies which are said to be lucky. Crome gets caught up in a plot to kill the ruler of Uroconium which coes

horribly wrong. The story is wividly written - horrid images abound. There is an air of despair and decay. I wish I had not read it because its colours remain indelibly fixed.

A dumb, doughy shape writhed and fought against itself on her palms, swelling quickly from the size of dried pea to that of a newly-born dog. It was, he saw, contained ... by a damp membrane, pink and grey, which it burst suddenly by butting and lunging. It was the lamb he had

seen in his dreams.' (p23)
'The Lamia and Lord Cromis' seems a such more straightforward story. It is in the fantasy vein. The 6th Lord Cromis is the latest in a long line whose fate is to kill and be killed by a monster - the Lamia. To fulfil his destiny, Cromis and his companions, the dwarf Morgante and the beampole Dismolution Kahn, track the beast by its trail of destruction and confront it. The confrontation is not as Cromis Uroconium is at war with some unknown expects, however, and the inevitable out come is no longer so. I will not give the bets game away as it relies on a plot twist in Lord Cromis. I enjoyed this story the most. the last few pages.

The writing is clearer and the story has great impetus once the stage has been for the denouement. The images are again vivid.

'The trees of the interior were of quite unknown kinds, black and burnt-orange, with smooth-barked tapering stems: their tightly woven foliage, rarely more than fifteen feet above the surface of the bog. tinted the light a frail organic pink which seemed sometimes to be veined like the lobe of a very delicate ear.'(p51)

'Strange Great Sins' - the third story - has already been published in Interson (Some of the other stories have also been previously published.) It concerns a sineater and his reminiscences about his Uncle Prinsep and his passion for Viriconium's famous dancer Vera Ghillera. The prose is straightforward but the plot is elliptical,

After every performance she held court in a dressing room done out with reds and golds like a stick of sealing wax. There was a tiger-skin rug on the floor. You never saw such dim yellow lamps, brass trays, and three-legged tables decorated with every vulgar little onyx box you could mention! (p70)

'Viriconium Knights' (a pun on the book's title?) is the fourth story and concerns the street gangs of Viriconium. These gangs, called The Feverfew Anschluss and The High City Mohocks to name but two, are groups of young razor-wielding aristocrats which hold duels and 'rumbles' much like the Montagues and Capulets. After one such duel between Ignace Retz, champion of the Queen and Oscerby Practal of The Locust Clan, Retz has to flee to escape retribution. Harrison makes the outco inclear by a rather obscure device - namely a magical tapestry.

'Out of the tapestry drifted the scent of roses on a warm evening. There was the gentle sound of falling water, and somewhere a single line of nelody repeated over and over again on a stringed instrument. The knight in the scarlet armour took his queen's hand and kissed it. (093)

The fifth story, 'The Dancer from the nce', is another obscure tale. Harrison quotes as inspiration for this: 'I'll be your dog' - Kia-Ora advert! There are three main characters, two of whom we have met before. The dancer Vera Chillers, the dwarf Kiss-O-Suck (previously Morgante) and the aristocratic hoodlum Egon Rhys become involved in a trip into no-mans land, here called Allmans Heath, in search of a giant locust. While there they experience inspiration in whatever they are best at. There is no explanation for the strange events that occur-

As she (Vera) danced she reduced the distinction between Heath and aky. The horizon never convinced of itself, melted. Vera was left crossing and recrossing a space steadily less definable. A smile came to Kiss-O-Suck's lips..."She's floating!" (p120)

Misrule' concerns the inspection of the fortifications near the house of the Yule Greave by Lord Cromis. force. The plot is about the interaction een the Yule Greave and his family and There is a sense of space and air - it felt like the inspection of a Roman outpost by a centurion.

There were deep muddy furrows in the gateways where the stone carts went in and out. The wind came in gusts from the south and west, bringing a rainy smell and the distant bleat of sheep. The dwarf oaks on the slopes above us shifted their branches uneasily and sent down a few more of last winter's brownish withered leaves.' (p125)

Finally, 'A Young man's Journey to conium' disconcerts us by bringing together the Earth we know and Viriconiu Set in Yorkshire it is concerned with the boundaries between Earth and Viriconium and the possibility of travel between the two-Dr. Petromax testifies that there is a way men the worlds - nothing glamorous as this is a Harrison story, just a mirror in the lavatory of the Merrie England cafe. The contrast is between mundanity and insanity and is reflected in the characters actions and words. Harrison's descriptive powers are strong as usual.

When I remember Piccadilly it isn't so much by the flocks of starlings which invaded the gardens at the end of every short winter afternoon, filling the paths with their thick mouldy smell and sending up a loud mechanical shricking which drowned out the traffic, as by the latter of pots, the smell of margipan or a match just struck, wet woollen coats hung over one another in a corner ... (p147)

This collection left me with mixed feelings. It is undoubtedly masterful in its use of both language and mood. It leaves behind many resonances. wever, not enjoyable. To quote from the author himself (cf. Marrison's entry in the Nicholls Encyclopedia of SF)

The best fantasy is a terra incognita. The reader is first lured into it and then abandoned. If he doesn't enjoy his subsequent bewilderment he should be reading which Car instead.

Reviewed by Paul Kincaid

. JOHN HARRISON HAS BEEN WRITING ABOUT THE city of Viriconium since his first novel, The Pastel City (NEL, 1971). It is a landscape of the imagination, infinitely mutable, by turns medieval England, Weimar Germany, fin de siecle Paris, Imperial Vienna and Renaissance Florence. Nothing is still within these stories, even the geography changes, seemingly at will. Ignace Retz, fleeing those who would kill stumbles into a devastated city, crossed by 'meaningless trenches', and looking as if it has been devastated overnight by a war. Vera Ghillera and her companions discover, on the tiny island of Allman's Heath, an infinite landscape in which strange dreams and desires take on life.

Yet the most mutable element of all is history. No rigid chronology binds this city, you cannot read through the sequence of stories and novels and place them all into any set order. Main characters in one story play a minor role in the next, or even become creatures from a work of fiction. One who has died is likely to crop up alive and well in a tale that would otherwise appear to come after the first. Rulers, dynasties, schools of art and literature rise and fall. Harrison says it more succinctly:

'History repeats over and again this one city and a few frightful events - not rigidly, but in a shadowy, tentative fashion, as if it understands nothing else but would like to learn.

Harrison is the most elegant stylist writing fantasy, or indeed most forms of fiction, in this country. But he has a dark vision, presenting an entropic state in which his cast of poets, dancers, fighting men live their complicated, interlocking lives against a backcloth of vacant lots, crumbling tapestries, and an aging ruler whose stultifying reign is mearing its end. Yet for all its grimmess, he clothes his creation with a rich and vivid cloth, so that for all its sense of things running down, of a sad. tired end, it also has a sense of life and attraction. A sense made real in the final story, perhaps the best one in the collection, 'A Young Man's Journey to Viriconium'. The journey, typically of Harrison, is never made; but Viriconium is part of the consciousness of a young man of our own world and time. He and others long to go there; in all its decay and violence, Viriconium still proves an alluring parallel reals to our own sad reality.
With each book I have wondered how

much better M.John Harrison can mossibly get: and the question has vet to be nawered. There seems no limit to his talent, and after reading this stunning, captivating work of staggering imaginative power, one is left wondering; what next?

NIGHT WOICES - Robert Aickman [Gollancz, 1985, 185pp, #8.95]

eviewed by Nigel Richardson

THE LATE ROBERT AICKMAN WROTE VERY peculiar, very idiosymcratic stories which escape easy classification. To call them ghost stories gives more indication of their cool elegance than calling them horror stories, but in this collection there is only one ghost, and that remains offstage, harmless and almost incidental. Perhaps it is best to follow the book's jacket in calling them 'strange stories' and hoping that this vague description will suffice. Aickman's stories are strange - at first glance they seem to be old-fashioned



in both the way they are written and what they're about, but these deliberately archaic qualities only add to their

The world Aickman describes is a kind of half-forcotten, half-mythical England, a place of nostalgia and dread, of middleclass austerity and routine, rather reminiscent of Eliot's Wasteland. The characteristic Aickman story tells of someone trying to escape from this claustrophobic stagnant but safe world after glimpsing a brighter, more vivid world; in the longest and best story in this volume, 'The Stains', a middle-aged widower gives up his tob and his friends in order to pursue a mysterious young girl he sees out on the moors. The Aickman devotee will know that the man is doomed from the moment he sees the girl, but Aickman manages to weave around the reader's expectations, toying with the conventions of the short and horror story so that the inevitable ending still packs a punch. 'The Stains' is a complex and sustained crescendo of anxiety and desire, both scary and sensual, and shows that Aickman was one of the few writers who could get the mix of sex and horror exactly right. With this story, together with 'The Trains', he also showed an ability to express the terrible beauty of the northern countryside, showing an unsentimental but awed view of nature as striking and morbid as Emily Bronte's.

Pew of the stories in this collection would please a teacher of creative writing; Aickman's style relies heavily on allusion, hints and undercurrents, things unfinished and left unsaid. At the end of the sixtyone pages of 'The Stains' you don't really know what has happened to any of the characters. In other stories the meanings and conclusions are rarely clear. In 'Just a Song At Twilight' the ambiguous ambience could mean almost anything, but the elliptical events linger on in the mind like a fragment of a disturbing dream. The dreamlike way in which Aickman's stories work recalls Kafka, Lewis Carroll and Gene Wolfe in the way the strange seems familiar and the familiar strange. In his introduction to this collection, Barry Humphries - yes, possums, that Barry Rumphries - says that Aickman 'can evoke in a few lines of concentrated prose the tenebrous and oppressive atmospehere of a very bad and inescapable dream', and for once a book's

normographic rubbish then this (and Aickman's earlier collections which really ought to be reissued in paperback, if anyone influential is reading) is what you should be reading.

VEFTER

THE POWER OF TIME - Josephine Saxton [Chatto, 1985, 222pp, #9.95 (hardback) #3.95 (paperback)]

Barrimend by Mike Dickinson

THE FIRST TWO ISSUES OF CHATTO AND WINDUS' new SF line made a dramatic impact upon the retail trade and fans alike; indeed they are still prominently displayed in bookshops six months after publication. The publication of The Power of Time not only adds to this stature, but is itself remarkably significant.

In 1975 a symposium panel including such writers as Delany and LeGuin agreed in their lamentation at the absence of a Josephine Saxton collection. At that time she was being published regularly in Pantasy and Science Fiction and paperback anthologies. Since then, not only have we had to wait ten years for that collection, but there have been years when her name seems totally to have vanished: it is probably significant that within this present collection only one story (and that published in 'Cosmopolitan') exists from the decade between 1972 and 1981.

This misture owile becomes even more inevalicable when one looks at the stories collected. Previously, while it has been usual to be impressed by such stories as one has been able to track down, it has not been possible to realise her sheer versatility. Here laid-side by side are pure science fiction stories, horror stories, fantasy stories, parables, urban myths, puzzles, and even what could be, but hopefully is not, a piece of straight auto-biography. yet all remain identifiably the property of the writer.

For one thing, the writer's sympathy remains resolutely with the outsider (again no had thing, since this stance is one of the things that so many of us find so sympathetic about the genre). In 'Lover From Beyond the Dawn of Time', for example, a woman is assigned to a new commune. Food and society are both laid on and she seems to be a success - the only slight doubts being a peculiar smell about the unit, which quickly disappears, and her eccentric habit of reading. Somehow she is drawn into the power of an atavistic evil. Horror devotees will seize upon this reading habit and expect one of those usual solutions, such as stumbling across Lovecraft or Malleus Mallificarum - in fact, her only books are the Guinness Book of records and a collection of curry recipes. Sayton confounds expectations and often does so with a disconcerting sense of humour; yet the story is convincingly chilling, both in its horrific element and its exposure of society.

Another utopian story is 'The Snake Who Read Chomsky', but here the Utopia is solely for the achievers, who can be rewarded astonishingly. However, the pressure continually to achieve is devastating: a Thatcherite Utopia for yuppies perhaps. Against this background the story is one of bluff and double-cross of Le Carre proportions, as scientists seek advancement or perhaps diversion in a community so devoted to stimulus that it is 'famous for its dissolving architecture; at any moment a balcony might disappear and drop people to their deaths. This did not happen so often that it was not otonous but often enough to be exciting (p145).

introduction is telling the truth. If you saxton's language is often deliberately like spooky tales but find most of the simple, choosing exactly the right word, stuff on the market to be laughable avoiding simile and mataphor. In fact, in only one story - 'Silence in Having Worlds: Purple' - does it lapse from the highest control. This alightly dated story of one man's destruction of a rather psychedelic commune (on one level; the story is highly - another interpretation is a fable on the necessity for physical effort) is to me subilarating in its wordwands colour play, but may be the book's only true minority taste.

But she can also use language umptuously, as this description of cooking nimen from 'Food and Love' shows:

The sauce is perfect. It is not tainted, it is rich and mature. A smoke of parlic, and pearls of fat from bacon, each slice curled round like sleeping cats relaxed and striped. The mushroom mills are separate and erect; swimming and breathing creatures...' (p42)

I defy anyone to read the story and not salivate.

Succulent might perhaps best describe the rest of the stories, some, such as 'The Power of Time' itself, and 'Dormant Soul' are works of near-genius. There are a couple of pieces that are just too slight and one story 'The Walls', that no longer works - a shame as there are some good stories not collected. Honefully. the forthcoming Women's Press collection will remedy this.

Only two cheers for Chatto though. It seems almost suicidal after that start to release only one book six months later, and then to wait until February (as I understand the plan is) before releasing another. This is especially ridiculous as one of the books they are sitting on is Lucius Shapard's brilliant Green Eves.

BEARING AN HOURGLASS - Piers Anthony (Panther, 1985, 383pp, #2.50) (Bantam, 1985, 254pp, #1.95] Reviewed by Helen McNabb

THESE TWO BOOKS DO HAVE CERTAIN THINGS IN common. Both are placed on an Earth where magic is a fact of life and both have Satan as one of the characters, but after that all resemblance between them ceases. Bearing an Hourglass is the second in a series called Incarnations of Immortality, each novel being self-contained but related to the others, the hero in each one being an Incarnation, in this case the Incar-- Chronos, the old man in nation of Time the white cape bearing an hourglass (hence the title). Norton, the hero, accepts the tob as Chronos after an unhappy love affair and the story is concerned with his discoveries about the powers he has been granted while trying to foil the perfidious plots of Satan. Anthony has obviously put some thought into the logistics of the novel because there is considerable detail about how Chronos lives backwards against the flow of time and how he can use the hourglass to alter time. It is quite clever in many ways, the plot is well constructed and the space opera and fantasy spoofs are quite funny, I enjoyed them more than the rest of the book. But predictably Norton triumbs, so the only real interest in the novel is the time games Anthony plays if you like that sort of thing-

The Macavoy is very different. Where the Anthony is placed in the future, Macavoy used the past, the period of European history after the Black Death. This is again part of a series, wolumn two in a trilogy but not self-contained, there are various references back to the first volume. The hero, Damiano, is a witch who As can be seen from this extract rejected his magic in volume One so that he could develop his shilly to play the lake, taught and sourcepage by his tracher the neight and sourcepage by his tracher the mixture of elements - Raphael and fates are major characters, witches and magic an amount of the second section of the player, when the analysis of the player, when the second terrified to the player, when the second terrified to the player when the second terrified to the player when the second terrified to the second terrified terrif

Stylistically the two books are at opposite extremes, the prose in the Anthony is pedestrian and strictly utilitarian that in the Macayov strives for poetic fancy and fails badly enough to make me wince at times. Of the two I preferred the Macavoy, at least the characters had the westiges of life, enough personality to be individual, whereas Anthony's were so cardboard as to be utterly unmemorable Neither book inspired me with a wish to read either the rest of the series or other ooks by these authors; the Anthony is clever in a way but it read like a pot boiler, the Macavoy has more of the author's heart in it but doesn't reach the heights it was aiming for, if Macayov had kept a firmer control of the plot and the prose it could have been a better book than it is. I can't honestly recommend either of them to anyone.

WEST OF EDEN - Herry Harrison (578pp) CIRCUMPOLAR: - Richard A. Lupoff (352pp) [Granada, 1985, #2.50 each] Reviewed by L.J. Hurst

THES ARE TWO ALTERNATIVE HISTORIES. I READ CIRcromaplarities but the joy with which I grabbe West of Réen after families in grabbe West of Réen after families it feeleds at read on, Now having considered West of Réen, it is not a weatly greater book. If it were revined it could be improved but it could never be great, it is concaived in the wrong way. (Circumaplaried does not seem so such to have been conceived in senezed.)

Circumpolars is set in the 1920s on an Earth that has a Symmes Hole and a very slightly different history - World War Or lasted one year in 1912 and Lenin is the Tsar's Prime Minister. Against this background two teams plan to race their bi-planes through the hole, along the core and emerge at the other end (i.e. inter-polar, not circumpolar). The American team con sists of Howard Hughes, Charles Lindbergh and Amelia Earhart, their Russo-German Princess. Inside the hole they find a couple of lost lands, one Prussian, the other Mayan, battles ensue and the Americans win. The Mayans have force fields and fluing platforms, the Prussians have flying model horses and secret mole machines for foreign conquest. A vast new geography of rivers, floating islands and lost nations is mentioned, and then almost gnored before the battles and hand to hand fighting of the pilots. What is even worse than the originality is the lack of clarity - with a Symmes Hole the world is described as being like a doughnut, which implies a entrance, yet the teams have difficulty in finding it, and have to avoid the sides once inside. Perhaps Richard Lupoff was not thinking of a doughnut, perhaps he was thinking of an eccles cake.

Edward James reviewed West of Edea Originally in Vector 123. He had mixed feelings, mine are more certain. The story is quite simple. Sixty-five million years ago the dinosaurs were not wiped out. One species evolved into a sentient, technically advanced civilisation. Population pressure and the glacial advance drives then to attempt to colonias the Plorida Keys, where they meet opposition from primitive human tribes also driven south in America (the only continent in which humans exist). One hunter is captured as a boy, used by the reptiles in their internal political struggles, escapes as a resistance that frees the continent of the Tilane.

The kick comes from the society and technology of the Yilane. The males are subordinate and hormonally controlled, females are victious and intelligent, there are classes based on intelligence within the species; and all their technology is organically based - their photocopier is an organically based - their photocopier is an organically based - their photocopier is an organically based - their photocopier. The failure comes in two ways. The failure comes in two ways. Firstly, the expertise is not overwhelming.

For instance, when the males give birth the hormonal changes mean a 1 in 2 chance of dwing on the bearbay. This is then taken to mean 'A third time to the beaches, certain death' (p239) which is statistically wrong. 1 in 2 chance does not mean that after the second birth one would die but that of a group half would die. Since one has already given birth successfully it is more likely to be successful a second time, and young would inherit characteristic. It is the survival of the fittest. This denial of Darwinism is implicit in the whole imprination of the rentiles - the rentiles never change (the umans bank on it for their victory), yet they are constantly involved in genetic experiments. This is an inconsistency There are others in the plot - the hero's reptile mistress is not killed by his deliberate knife attack, the humans abandon the spear in the chest as a weapon because of the Yilane's breast bones, yet the same mistress is able to stab a rival with an arrow and kill her. But the plot couldn't continue without that mort of machiavellian success. And the inconsistencies continue even in the notes in the end. A selection of Yilane history is given - they count in hase 8 so they have no numbers 8 or 9.Despite this they manage to talk of 85% of a population

But the second failure and my greatest reason for rejecting West of Moen is that it is an excuse for slaughter. Both sides practise genecide. And I believe that, consciously or unconsciously, it is an epic movel written to provide grounds for large scale killing. In that it is like too many invention hides the clicke.

PANTASY AND MIRESIS: Responses to Reality in Western Literature - Kathryn Hume (Methuen, 1984, xvi + 213pp, #14.50 (hardback) #6.95 (paperback)] Reviewed by David V. Barrett

THIS IS AN ACCESSIC MORE, MRITTEN FOR Emplish literature students by an associate professor of English at Pennsylvania State Duiveraity. As such it suffers, for the ordinary reader, from an over-use of technical terms: piceis, polysenous, vatic, narrenes, syntagmatic, paratectic and disnois were jount a few of the worfs i had to search for (usually unsweensfully) in a distribution of feature.

is fairly all-embracing: 'Fantamy is any departure from consensus reality' (p21). The opening chapter, 'Critical approaches to fantamy', shows diagrammatically how the world as perceived by the author affects his work, which in turn affects the reader's perception of his own world.

She then looks at historical perspectives on fantasy and realism before

going on, in the main body of the book, to examine how fantamy is used in the literature of illusion (invitations to escape reality), of vision (introducing new realities), of revision (programs for improving reality) and of disillusion (making reality knowable).

The final section of the book examines the functions of fantasy, and attempts to show why it us used. But I'm afraid that any book that has chapter sub-heads like any book that has chapter sub-heads like dislocation and techniques for introducing it, and "Symergiatic interaction between images" has to work hard to grab my attention, and Tumes just clid not work hard statement of the property of the contraction between the property of the contraction of the contract

I spent much of my time spotting gaping holes in the works she cites. For example, she over-uses Vonnegut's Breakfast of Champions, Stoppard's Rosencrants and Guildenstern are Dead, and Coover's The University baseball Association, J. Henry Waugh, Prop.; she seems to think the Heinlein only wrote Stranger in a Strange Land. I Will Pear Ho Evil and Time Enough for Love, and that the concept of Fantastic Voyage was Asimov's own creation (though she does point out that 'the submarine is more than a little like Cindarella's coach if we ignore the scientific trimminus'(p159) - I wonder how the good Doctor would react to that?); and yet nowhere does she mention the bleak realism of Mervyn Peake's fantasy in the Gormenhohast trilogy, or D.M. Thomas's The White Hotel (though she has Freud popping up everywhere), or the 1980s equivalent to Vonnegut, William Kotswinkle, or two masters of dislocation, in totally different ways, Samuel R. Delany and Philip K. Dick, or two of the great fantasy classics of the 80s, John Crowley's Little, Big and Mark Helprin's Winter's Tale (though the latter might have been published just too late to come to her attention; a shame, because she devotes five pages to discussion of the winged horse).

There are also numerous inaccuracies which, especially in a scholarly work, should not occur; for example, Anne McCaffrey becomes Ann, and the author of A Canticle for Leibowitz hecomes William Miller.

The book is well enough planned; reading the introduction to each section gives a reasonable overview. Unfortunately, in the mass of words, the structure becomes lost to the reader. A scholarly textbook such as this would benefit from having stepped topic sub-heads to help the reader whole.

Yet there are definitely points worth considering in this book. Rather than pick from here and there, it is worth quoting from just one paragraph (p162):

'Many ideas need only minimal develop-ment. Like cartoons, they exert most impact when trenchant. Too great a length can trivialize even a good idea. What mars so much popular fantasy is either the author's inability to gauge the proper dimensions of his creation or his failure to enter far enough into the fantasy. For an action-based fantasy to escape the banal, the fantasy must affect the plot and characters in ways which would not be readily duplicated by other settings. Perhaps the greatest weakness of science fiction is that good ideas are so plentiful that writers have not felt pressed to develop them lovingly and imaginatively. But the good material is there, be it science, politics, philosophy, or psychology, man's future. man's nature, man's happiness, or man's failings. Some of these topics can be better approached through some form of

A FLIGHT OF BRIGHT BIRDS - David Arscott and David J. Marl [Allen & Unwin, 1985, 229pp, #8.95] Reviewed by Sue Thomason

THESE TWO RATHER ODD BOOKS ARE POLITICAL fantasies, or extended parables, set in the same cosmos. In the first book, Tom, wandering adolescent and innocent, enters the frozen and repressive City in search of his father. The City is ruled by terror and the divisive violence of the Red Blade. Everyone is, or may be, an informer, a spy, an assassin. Underground is the City Beautiful, inhabited only by a handful of the fortunate, removed from the rest of the world. They will not act to liberate the City, lest their own peace be disturbed ...

The second book concerns the adventures of identical orphan twin brothers. One has been raised in a monastery, the other in a wealthy, worldly home. They are each given a disturbing message on their fifteenth birthday, and leave the lives they have known in search of each other, a past, and a future. They are brought together, after various adventures, by a beautiful deaf-mute girl.

Both books have an unconfortable power to them, a power which is never quite defined or focussed. It is easy to allegorise the events of either book; e.g. the second could be read as reach-me-down Jungian psychology for young Adults (male), with the Self and the Shadow being united via the kindly ministrations of the Anima, while the first seems designed to raise a teenage reader's political consciousness. The stories, as stories, are somehow not

guite all there. For me, there were two main faults to the books. They both seemed to be striving for Significance and Meaningfulness in places where I would rather have just got on with the story - but that's simply because I like good stories; I like my didactic pills well-sugared. And both the books seemed to fall between the accepted boundaries of 'childrens' literature' and 'adults literature'. In fantasy, at least, good childrens' literature should be interesting and valuable to adults (e.g. the Earthsea trilogy), and good adults literature should be accessible to intelligent children (e.g. Lord of the Rings). The librarian in me, with considerable regret, can see The Progen City and A Flight of Bright Birds being relegated to the limbo of the Teenage Collection. And

they deserve better than that. JOHENNY BETOND TOMORROW (189op) HINDSWAP (216PP) DIMENSION OF MIRACLES (190pp) Robert Sheckley [Gollancz, 1985, #8.95 each] Reviewed by Nigel E. Richardson

THE TROUBLE WITH SATIRE IS THAT IT TENDS TO date at the same pace as whatever is being sent up. Timeless stupidities like war, greed, bureaucracy and elitism produce timeless works such as Candide and Catch 22,books that will go on being read as long as there are Doctor Panglosses and Milo Minderbinders around, whereas more specific satires like Mordecai Richler's Cocksure and similar works that swiped at the mores and predilections of the supposedly

fantasy than through realism, because a realistic treatment lets readers rely too lazily on their own standards and cultural assumptions. Pantasy helps liberate both author and audience from such sloth.

Not recommended for the average SF or fantasy reader, but the serious Eng. Lit. student might well find it useful.

THE SOFT MACHINE: CYNESSETIC FICTION - David Porush

[Methuen, 1984, 248pp, #10.95 (hardback) #4.95 (paperback)] Reviewed by Nik Morton

THIS BOOK, WHICH ATTEMPTS TO DEPINE A NEW literary genre, cybernetic fiction, is not an easy read, but it is, on balance, worth the effort, Quite openly, Professor Porush admits to stealing the title from William Burroughs' novel; he believes the metaphor appeals and is apt, giving us the image of a machine softened by art. Burroughs is only one of the so-called post-modernist authors examined in some depth; also featured under this cybernetic fiction unbrella are Barth, Vonnegut, Pynchon, Beckett, McElroy and Barthelme. These authors were selected as their work over the last thirty years concerns some aspect of the communications or computer revolution, or confronts the 'deeper implications of the mechanisation of man on some metaphorical level'. What appears to differentiate these authors' works from 'that much larger pulp genre of science fiction, in which te nology is either glorified or blamed but always projected into some future, other worldly, or nurely imaginary realm', is that they are self-reflexive and draw attention to the materials and forms of their own construction'. In effect, the texts appraise the reader that they are artefacts of human creation, and do not presume to suspend disbelief. Because the theme and form of this literary sub-genre derive from cybernetics, Porush terms it cybernetic fiction

Throughout literary history, the machine has been threatening yet fascinating, superior to and yet paradoxically inferior to its users/used. It has been shunned for fear of its iconoclastic, apocalyptic, mind-expanding visions, for thinking the unthinkable. Now, it would seem, Porush feels the label of SF is not good enough for the above-named authors though much of their work contains SF symbols and motifs. Having read his ingenious exposition, there is certainly credibility in proposing the new label, though I suspect it will not be widely adopted outside academia-

THE LAYS OF BELERIAND - J.R.R. Tolkien (Edited by Christopher Tolkien) [George Allen & Unwin, 1985, 393pp, #14.95] STICK DRIVE - K.V. Bailey [Triffid Books, Val de Mer, Alderney, 1985,

32pp, #2.00] Reviewed by Helen McNabb

THIS BOOK IS FOR TOLKIEN COMPLETISTS ONLY. If it was by anyone other than Tolkien it would have been lucky to find its way into print and would be very unlikely to see the kind of sales which it will probably achieve. It chiefly consists of two long unfinished poems and copious textual explanations by the editor, there are fragments of other poems and a commentary on one of the poems by C.S. Lewis, none of which adds up to gripping best-seller reading. I found it difficult to decide how to approach these works, because there are different paths which will lead to different conclusions, all equally valid. Should the poems be judged as poetry? Did

Tolkien mean them to be judged with, twentieth century poetry? The answer must be no, nevertheless to criticise them as poetry is a valid exercise because that is what they are. Another approach is to judge them in accordance with what the author was trying to do, do they achieve what he set out to achieve and if so into what context can they be placed? Should they be compared on merit with Beowulf and long narrative poems of the nineteenth century, or just left in a Middle Earth context, part of the Tolkien opus and beyond ordinary critical standards. Different people will consider all of these alternatives as the correct one, so I shall attempt to answer the questions they raise briefly.

The poems are 'The Lay of the Children of Burin' which is written in the alliterative verse form belonging to Anglo Saxon literature; the second major poe 'The Lay of Leithian' which is written in octosyl labic rhyming couplets, the other fragments I shan't bother to comment on. Technically both werse forms are handled skilfully, it would have been surprising had they not been, Tolkien was a scholar of some repute, so the alliterative verse is probably a model of its type, it obeys all the laws it should as do the couplets, Both flowed well, there was little endstopping and when read aloud the dreadful tendency to 'te-tum' the rhyming couplets was easy to avoid. However Tolkien obeyed many other rules of the alliterative verse form so that to the modern ear it sounds quaint and archaic, the elevated artifice of language which was natural and admirable to Anglo Saxon poets sounds only peculiar modern audience. When looking at it from the scholar's view it is easy to appreciate what Tolkien was doing, but reading it as a story it is too distanced by the style, I'd prefer to go back to The Silmarillion and read it in prose. 'The Lay of Leithian' is less obscure but it suffers from other faults common to all Tolkien's poetry. The poetry has always been my least favourite part of Tolkien's works because, except for casional lines, it is hackneyed; he gets more beauty across in some of the prose passages than in any of the poetry. For example 'The Lay of Leithian' lines 529-30 'her feet atwinkle wandered roaming

in misty mazes in the glosming is worthy of Wordsworth at his absolute worst, but Tolkien, although the poems are mostly better than that, never equals Wordsworth at his best. His originality is as a storyteller, not as a poet. Thus as poetry these works do not deserve great bering that none of the praise, even rememi are complete and although Christopher Tolkien has edited the different versions available to a form he considers best, whether his father would have considered them suitable for publication is debatable.

As part of the Middle Earth opus they are of interest because of the wast quantities of textual comparison the editor includes: alternative readings, name changes, story changes, and so on(it's also got a brilliant index - people should learn from that indexer) it fills in much of the background on the development of the stories which is fascinating for some, ever if of only tepid interest to others. As poetry of the present day it is of no real value because it has no great originality in either style or execution; as a scholarly exercise in older werse styles it is skilful and does what Tolkien wanted, but within those limitations it has no extra spark to make it more than an exercise, it doesn't have enough eloquence to stand alone as poetry. It does fill in little cracks of the Middle Earth sags, but whether you think it worth buying on such slender grounds is up to you.

The Bailey poems are fun. Mostly based Swinging Sixties are already beginning to

nostalgus rather than laughter. In miler:
Although not in Voltage or miler:
Although not in Voltage or miler:
In committee of the committee of

it as absurdist madcap comedy. Journey Beyond Tomorrow, from 1962, is the rest self-resum of these these reference It is told as a group of folktales a It is told as a group of folktales a thousand years or so after the events took place so that the adventures of Joenes secome entangled with those of King Arthur Ordinus and others. The book owns let as Markensel Marke & Cool Million (1934) in its tone and style. Like Lem in (1994), in its cone and stylet like hem in easily manipulated character whose progress through the novel from unemployment to utopia to madhouse to post WMIII beatitude is entirely due to being in the right (or wrong) place at the right time. The book. like the other two and most of Shackley's Tike the other two and most of bheckiey s towards the end contains some rather sub-Borgesian longeurs about maps and labwrinths, but it is rarely less than intriming, amusing and readable - and more often than not all three

Mindress (1966) in one of the constant books Time over read, thout two-thirds of the way through, the plot disappears with the same deliberate disregard for unresolved loose-ends as many a post-modernist work of the same period. Imagination overtakes coherency as aliens start talking in bad Mexican accents and anuthing goes. It's the sort of book that you either find unreadable or else you fall entirely under its feverish dreamlike spell. The title gives you all the the plot: Marvin Flynn, a thirty-one year ald adalescent wants to one Wars the chann way, by swonning minds with a Martian. Things go wrong, of course, and he finds himself having to swop his mind with bizarre creatures throughout the universe in order to get back to his own hody. Other things happen, but I'm dammed if I can commariae them...

Dimension of Miracles (1968) is the most satisfying and successful of the three, balancing the satire and surrealism of the previous two novels perfectly. Also the plot device of having the main character jump from planet to planet and reality to reality makes the spisodal nature of the novel an integral part of the story rather than an unfortunate is lacking in Journey and Mindewson.

Pittingly, Dimension of Biracles corries a recommendation on the dart jucket from Douglas Admen. The sixtlerity between noticed, by Admen amongst others. Deckley's hero bogs from planet to planet offers him not-represent information. He meets the same who built the Barth and finds a second of the same who built the Barth and finds a second to be supported to the same who will be be the same who will be same and the viewpoint goes beyond Masse americalest notifies sawif.

Reading all three books one after the other is a bit of a strain; the relentiess barely suppressed hysteria can become rather tiring after a few hundred pages. But taken one at a time these books are essential reading or re-reading, science even apphisticated. And they're not qualities argone can aftort to miss. THE MERCHANTS WAR - Frederik Pohl

Gollancz, 1985, 209p MALE BOOK IS BILLED AS A SECURE SO MAKE Snace Merchants by Pohl and C.M.Kornbluth, and thus fits the present trend for established writers to produce sequels to hooks/series. Some reviewers seem to have sutomatically considered this a had thingrevenuelly t don't care who writer a book resonally I don't care who writes a book, whether it's a secuel to a 1930/40s 'classic' just as long as it's an enjoyable hook and can stand by itself. Cyante deliberately didn't revert The Force Manager of the state of the space the book many years ago, it is a classic and I did remember the general plot, also

and I did remember the general plot, also

is the dirtiest word.

Venus is the home of the conservationists, a planet they are gradually
terraforming. A planet they have escaped to
to avoid Earth's society (see The Space
Herchants). It's also a useful place for
Tarth to meet its might and criping and

Our hero, Tennison Tarb, wordsmith star class and our heroine, Mitzi Ku, 'a brassy lady', are doing a tour of diplomatic duty on Venus. Their real job is to recruit spies and soboteurs to keep the Venusian accommunity halance.

Just before Tarb is due to return to Earth he and Nitis are injured in an 'accident,' she severely. The journey back to Earth takes several years and so usupended animation is used, when Tarb wakes returned cutting shorth her tour of daty. Also she has almost recovered from her injuries and han several million dollar from an out of court mettiesment for the accident. Tarb is (justifiably) perwed that

no mas oden dur, out this settlement.
Tarb has fall en foul of a new advertising
technique and has a 'Campbellian addiction'
(this doesn't mean he has to keep reading
old Analogs/Astoundings). He has been programmed to need Molis-Focke, a 'refreshing
taste-tingling blend of the finest
extract and selected occasing analogues'.

when follow Tarb's declining fortimes. Although they do scillate, fate always deals a blow to any improvements and the general trend is very definitely does lie descends from top ad agency to military service (civilining a group of aboal and then grommet maker and the horrors of being a consumer. We also mee the Anke addiction developing and his relationship with Mitri going nowhere.

Mitsi has changed since her return to Earth. Whilst she is now a stake holder with the ad agency her attitudes don't fit the norm for such an exalted rank. You should have worked out the reason for this no later than page 80 after her date with

The central theme, as the book's title talls us, is the conflict betwen the societies of Earth and Yenus, a conflict into which Tarb is sucked and which he eventually provides the first step to solving, Again you should be able to work out how he does this long before he does the provided the provided by the provided the property out her remembering The Space Merchant?!

This book is a satire, Pohl and the

blus before tell is this but oberess the Bases Merchast des derives with a calzed these by pobl written around the same time, were putting forward new ideas, new workers, about advertising and the consumer workers, about advertising and the consumer these. Those frantatic ideas are now unfortunate facts, even the exapperations of the consumer and the consumer and far-fetched, saving said that, Pohl does get in a few sice dips at the extremists on both sides but 1211 let you read them in

As for the writing, well Nohl has been doing it for a long time and this is atraight-forward, fast-paced, readable prose - a sajor accomplishment these days (and if I think about it probably asytism). The training the same and the probable of the reader identify with the hero because this is certainly a book where we're supposed to do that. In fact in some way it has a style that is reminiscent of the accomplishment of the same accomplishment and the same accomplishment and the same accomplishment and the same accomplishment and the same and the same accomplishment and the same and the same accomplishment acc

In conclusion, I enjoyed the book, I read it quickly (though that's probably because it's slismer than most novels these because it's slismer than most novels these points. But I didn't enjoy it as such as I'd hoped, it doesn't have the impact of the Space Merchants. Whilst it desced like a hotterfly it didn't sing like a bee.

DEMON IN THE SKULL - Frederik Pohl [Penguin, 1985, 165pp, #1.95] Reviewed by Keith Pressan

than this, shielding is imported.
The start is fairly since, showing the
who for how) - the pare seems to grow once
who for how) - the pare seems to grow once
a size of the start of the start of the start
before the start of the start of the start
a size is part was spoilt, for se, by
a slarting inconsistency; page 30 % The had a
part of the start of the start of the start
boccar. Tollowed on page 38 by "Se had
boccar." followed on page 38 by

So we come to the end of the storyand a twist that was hardly unexpected (though its lack of resolve has a certain piquancy). Not the brilliant story the blurb promises but a competently crafted book to while away a summer's day or two.

PEACE - Gene Wolfe [Chatto, 1985, 264pp, #3.95] Reviewed by Mary Gentle

SOMEWHERE TOWARDS THE MEDIANING OF THIS movel, the marratur mentions 's confusion that, though charming, was nearly imponentable's Well, yes, That is Peace. Whether it's a good novel, I don't know; I do know that it requires about three time the amount of work that a reader would awreasely not.

Peace is Modernist in style. The

I would understand this book a whole lot better if I were conversant with the finer details of Christianity, and specifically Castholicism. Alden may be dammed, and may be saved, and may be in purgatory but I don't know enough about these states to tell. In Peace, is the only possible afterlife a wandering through the life we have already made, seeing it without illusion? That could be a definition of hell. When Alden seeks advice from a longdead doctor, what Judgement is it that he awaits? - Doctor Van Ness, in the realms of imagination or death, asks him to take 'a test with mirrors', and these - scenes from Alden's life - are mirrors in which he sees himself precisely and exactly as he is. And

is it Alden who judges, or another? Peace's other title may well be 'The Book that Binds the Dead'. Thus afterlife is one theme, wound in with a theme on the nature of tales, and one about the influence of the past; and what it comes down is, what is real? Alden is trying to find that out, and since 'a man is only the bundle of his relations, a knob of roots'. he must travel back and tell the stories of his aunt Olivia (who raised him) and her four suitors, three of whom are figured in an enclosed folktale, and one - the victorious - in modern commercial capitalism. And of Caissonville, and the other people that surrounded him as a child. whose memories on back into history and myth. Interlocking: they themsel wes tel ! stories, of weird tales, and old pagan religions, and fables that demonstrate the impossibility of telling, firstly, what is evil? and lastly, areevil things necessary?

Alden may be a necessary evil. By the end of the book, he has destroyed much of the pattern of life in Caissonville, That's ironic, for a man who always harmed the living in favour of the dead and the past. at necessary? That depends on whether one believes that the contingent world is the

only world. Rooted in metasphysics it may be, but the tale told is of material things - the kind of objects found in a life; a how's scout-knife, an ivory egg painted with Biblical scenes, a silver dollar, a ceramic Chinese headrest. All are talismans, all show people manipulating people - 'all of

us do real harm', Alden accepts, somewhere. 'somewhere' ... because chronological order is difficult to trace. Like memory itself, the narrative darts back and forward, stories are begun in one place by one person, only to be finished off later by someone different; the seller of fake books, the dead doctor, the Dog Boy. Which is rather more realistic than straightforward 'realist' novels, but runs the risk that some people do - of giving the reader the impression of being trapped in a corner by a garrulous bore. Peace isn't boring. But it is slow. This is 'peace' as in 'rest in'.

And Peace is obsessed with the past, past that is at worst fake, at best unreliable. This is closely bound in with tales, and how they change. The landscane of folklore is left desolate now, we move from stories of princesses in towers to stories of how fake orange juice is processed and packed. To begin with, nothing was real, but it was numinous - the New World, the unbounded imagination. Now

is the novel: The alchemist's gold, found, proves false.

Some illustrations: Alden discovers a associational story, everything reminds him seller of fake books, who creates 'old books' that never existed, However, one of these forceries is a book that has existed for ten centuries, that 'Book That Binds the Dead whose Greek title was coined by as Wolfe says, 'a providential gentlem So what's real? Another of these fake books sends Alden, and a woman he might have married, after a fake treasure - but it exposes the real greed and treachery present in both people. So what's real?

Peace is full of glass and mirrors g through glass to the past; the self reflected in mirrors. There are transformations, and tall tales, There are temporal shifts in the space of one paragraph, maybe one sentence. If the novel form wasn't intrinsically linear, Wolfe would have written a tale in which all events happen and exist simultaneously. To put it another way, Peace is the back of the tapestry: a tangle of coloured threads that only imply a pattern. The story from inside. There is an 'outside'story - how Alden as a child injured another boy, was brought up by his aunt while his parents went to Europe; how his aunt married Julius Smart, who founded the factory that changed the town that became an inheritance that shaped a life that created the 'house' that Alden built.

But that story takes some close reading to get at. It comes in asides, and brief mens, and throw-away paragraphs; and mea while talismens and magical tales distract the reader, like coloured scarves thrown up by a conjurer

I'm still not sure I've seen through

FREE LIVE FREE - Gene Wolfe

[Gollance, 1985, 399pp, #9.95]

Regieved by Paul Kincald

FREE LIVE FREE GENE WOLFE

GENE WOLFE IS NOT REALLY A NOVELIST, despite evidence to the contrary. greatest works, like Peace and The Book of the New Sun, are really at heart concatenations of tales strung together on often slender threads of narrative. Free Live Free, unusually, is a novel, but even here there is the tone of a crackerbarrel everything is fake and tacky - Alden is a philosopher sitting outside a store and users, of people, and of natural resources. entertaining his cronies with stories, the

taller the better

Ben Free occupies a ramshackle old house in a poor part of the city about to be pulled down to make way for a freeway. He has four ill-assorted lodgers, paying no rent: Stubb is short, short-sighted, and an out of work private detective; Candy Garth is a compulsive eater, immensely fat, and a prostitute; Ozzie Barnes is a slick but not very good salesman forever believing his ship is about to come in; and Madame Serpentina is a sinuous, beautiful, mysterious gypsy with strange occult powers. The four find unexpected connor se fighting to save the house, and for a while a variety of hilarous stratagem prove remarkably effective, but in the end the house is destroyed.

And Ben Free disappears. Free had given his four lodgers waque hints of a lost treasure, and now with nothing between them but a hotel room they decide to search for Pree and his treasure. The bulk of the novel is taken up with this idiosyncratic quest, which proceeds by happenstance as much as by plan. The treasure they do find at the end, indeed the Ben Free they find, is not at all what they expect; but it would be unfair to what is the subtlest and in some ways the most

effective part of the book to reveal more

than that. Free Live Free describes itself as Fantasy', but in many ways that is the smallest part of the book. It is a thrilles in which the four face many tense and dramatic moments as a paranoid policeman and strange and impersonal forces are ranged against them. And it is what I suppose must be called a novel of character, though that seems a somewhat inadequate description for this wild and vivacious book. The characters, even the leap straight from the page; but there are no ordinary people here, every last one of them is larger than life. There are the four, of course, each individual and hu yet unbelievable - not that believability is one of the strengths or even intents o this book. Plot developments are anarchic, full of coincidence and the deus ex regard them strictly in terms of likelihood; but if you were so to regard them you would miss the immeasurable joys of the book. And around the four central characters are a cast of lesser actors every hit as outramous and wivid as they are. The policeman Proudy who is convinced that Free's tenants are part of ar elaborate plot to take over the world; Mrs. Baker, the neighbour, whose every utterance is a malapropism; and Free himself, a real chameleon of a character.

Over and above all this, however, Pres Live Free is a comedy. It's full of moments which are treated with a straight face, but which you have to laugh at. And there are episodes of pure farce. In the middle of the novel, for instance, is an extended set piece in which the four separately come to the mental hospital of Belmont and find themselves being considered as innates. There are some conversations during this episode in which the cross purposes grow increasingly wild and lunatic like something out of Thorne Smith.

Wolfe's command of language, the sunus clarity of his writing, is something one has come to expect. Nor is his skill at characterisation or his ability to paint a scene particularly unexpected. But I must confess myself surprised and delighted by this talent for farce, and also by his control of the changes of mood and tempo.

This is not his best book, but I think is one I shall long regard with a particular joy and affection.

TEAR ALONG THE ROTTED SPINE

by Ian Pemble

Though perhaps not best known for its coverage of Science Pictics/Pintsing, Neave segments has in the last year published interviews with Harry Harrison and Frank Herbert, both by Hell Interviews with Harry Harrison and Frank Herbert, both by Hell Interviews with Herbert Harrison and Herbert Harrison and Control Harrison a

MY AND LARCE IT'S NOT A BAD LITTLE NUMBER, THIS EDITING BUSINESS - except for all the reading you have to do. Manuscripts and things. Mostly things. Some of them quite dreadfully written. And all this enforced reading has an unfortunate effect on my private reading habits.

Take newspapers for example - I no longer do. I once worked for an 'off-Fleet Street' photo agency (which put me off Fleet Street for life), and as part of the job, had to read virtually every national newspaper, every day. The only one I didn't have to read was the Guardian This is now the only paper I do read.

every naturals notespace, every only the only one I share have to read use the Gaurdian. This is now the only paper I do read. To read use the Gaurdian is now the only paper I do read. The control of t

I am not. I am 'Disgusted of London'.

Recently I finally finished reading The War of Powers by
Robert E Vardeman and Victor Milan. Then I hurled it, along with

a few curses, across the room. Cremed again!
The book is in three parts, but in one volume. Each part is
defined. In traditional fashion, to the wubsers familiar
resumes of the preceding action and it becomes increasingly
obvious that they were originally meant to have been pablished
a lot of time and trouble and pablish them as a three-in-one

complete adventure Wrong.

The brave (but tardy) Rost Inspatriafer arrives at the last apps, only to find that the beautiful Dut dispossessed Princess Moriana has buggered off in search of further amusements in further and no doubt interminable volumes. "I shall follow! cries the besotted Rost in the last line. He might. I won't. This is not an isolated example - it's a depicable trend.

Another book I wish I'd never started is Peregrine Primas by Avram Davidson. On the last page he gets his hero out of an impossible situation by turning him into a peregrine falcon so he can fly out of danger! I suppose I should have realised that any!

book with 'primus' in the title was bound to be a pot boiler.

Far better writers are quilty of stretching a point and making it into a series. Take Julian May's Kamy Coloured Land epic. At the beginning of the second volume she backtracks and introduces sees entirely new characters to the story in the first I enjoyed the series, so I suppose she got away with it - but only just.

As even more glaring example of a writer starting a book without knowing how the story will finish, must be Philip Jose Parmer's Riverworld series. To Your Scattered Bodies Go was superb and rightly son primes. In to told he eventually amanged to the up the loose ends in volume four (or was it five?) I wouldn't since.

I must admit that this 'into the unknown' approach can sometimes upon vietness of the better writers. Boger Palamy's Amber series, for instance. I strongly suspect he had to write himself out of a few corners along the way, but he managed to sustain the pace and interest all the way to a satisfying conclusion - a rare and wonderful thing.

described by the second second

works will be good for smother dozen volumes of limping prose, long sides prove finishment of limping prose, that can I do? I utterly refuse to read the last couple of pages of any book I intend to buy, just to make sure. I'd no scorer watch the SEC's Nime O'Clock News when ITV were going to show recorded highlights of a football natch at 10.30.

Enough. I'm sure there are many of you with many other examples of your osn. All I ask is a return to the good old days when you could be reasonably sure that any book you bought would have a beginning, a middle and an end. Not necessarily in that order - see Zelazzy. But definitely an end.

Sir Minston Churchill, who needs no introduction from etc., once wrote: This is the kind of writing up with which I will not put. He was referring to dangling participles, but the

mentioners are exactly nine where dangling sages are concerned. So what case who should the Well, we can complain. I've not thrown my copy of the Max of Fourers away and an reluctant to spend good money on another. But the next book [indi guilty of blatant dangling will be torn in half (along the spine, it's easier) and posted off to the offending particles half for the casier) and posted off to the offending particles half for the most offending particles half for the control of t

Ian Pemble is the editor of Knave magazine

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LETTERS/continued

INTERESTING COVER - IF A SIT TECHNICAL-LOOKING. MUCH MORE professional inside than last issue. I liked the page numbers a

processional inside than last issue. I liked the page numbers a lot. Nice pictures and cartoons. I found your editorial a bit hard to follow - tho' I liked your opening paragraph. I think it was because the points you were making seemed to wary, e.g. Paul Hardcastle's quote isn't about the war, but about people's attitudes to the soldiers once about the war, but about people's attitudes to the soldiers once

they'd lost the war. Naybe I missed the point.

ANDRAR H. DAVIES

4 Murvaph Close
Chelenham
Gloss

Other comments on the 'new look' Vector came from:

DAVID WINGEOVE: 'Vector 127 looks marvellous. Excellent design work. Good editorial, too. I even sang along with the epigram!'

DAVID LAMCFORD: 'The new Vector looks nice. Somebody's been doing an awful lot of Letraset work there...'

COLIN GREENLAND: 'Hussain M. has made Vector look like a magazine! No doubt you'll have people writing in grousing about the lack of duplicator smears, wobbly margins, etc., but I'm all

- Thanks for the praise; but all letters, favourable or unfavourable, are welcome.