# ERG <br> 44. <br> Ocrober 1973 

## NOW IN ITS 15th。 YEAR



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England, and 4 for a dollar bill from the USA.

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****Those of you who have often wondered just what is the purpose of a fanzine, might be interested in this quote from a reader, a well known fan...but whose name I withhold in order to spare his blushes: QUOTE (re LOCS) "If you want response then you'll really have to publish it when it comes. How many others, besides myself, took pen to paper, only appaisertly to be ignored ?"

Well there you have it folks. Apparently the purpose of a fanzine is simply to publish letters. I submit that it is the purpose of the readership to say 'Thankyou..send me future copies'..simply by trading subbing or LCCing. The editor may or may not publish as he chooses, but I'm damned if I will keep on mailing ERG out for no reply of sone sort. Whbtber or not I publish that reply is up to re....not an automatic perk for the LoCer. And just for the hell of it...no Letters will bo in this issue...but to be fair, the above LOCer then went on to write a good constructive LOC (which would have been printed even thourh it tore into me) had I felt like a lettercol this issue. So let's hear from somebody for next time huh ? But...even if not printed, youf letters are earnestly sought after...so ruddy well write some..please.

The cover this issue is NOT a hand cut stencil. It is a pen and Letratone drawing done to Alan Burns specification and the electro paid for by him (気1) so he gets the original. Next is suc will be sonething special, again, not hand cut, and again sponsored. Is there anyone out therc interested in sponsoring the cover for 46 ???

Further on artwork in general (and see the final itern in Ompaviews) one or two people have asked how I hand-cut stencil. and one doubting Thomas almost hinted that my hand-cut work is done by electro. Either way, it seems there is a certain demand for further gen, so once the current cine series finishes, I hope to run a series of articles on stencil cutting and duping in general. I hope this will help those who really want to know...and convince the doubter. If the series comes out reasonably well, I plan to issue the lot as a one-shot, when LOCins you might mention if you'd be interested in getting a copy.. ..no obligation involved, just to herp me gauge demand.


# JEEVES <br> Part il. on spoOn 

> After leaving the R.A.F., things went peacefully for a time. .until I managed to get involved with the Underwater Explorer's Association. A lane duck could have swum rings round me, but my current girl friend was engaged to the club secretary so naturally, I had to join.

At first, things were fairly easy. Pub meetings being the nearest we got to liquid...and everyone shot lines about how a little hop like the English Channel not being a real test of swimming ability. After a month of this, some idiot suggested a trip to Spain to hunt lost ships and their treasure. Before we went, regular bath nights were arranged and a qualification test drawn up. Being on probabion, I was expected to pass it (being the newest member) I coped with most of the tricks, but swinging a full length under water always eluded me... I could do it by diving in, but, this I was told, was cheating. I had to start from a standing position in the shallow end. Inevitably, I slowed down to avoid bashing my nut, and had to surface for air.

However, time for the EXPEDITION finally arrived. The last week was spent getting all the gear ready, this, included filling compres;ed-air bottles. For some stupid reason, it had been decided to tale full bottles in case of high cost of the stuff in Spain. Foo this might sech a small chore..especially if you have never pumped up more than a cycle tyre. Aqualung bottles need a bit more oomph. Filling one from scratch up to 20 atmospheres (I think that was the figure) using a two -man pump is no picnic. To simplify matters, we coupled a commercial air bottle ( about 12 ats) to the pump input, so the pressure diff erential was only 3 ats. 'Only'...but still WORK. Two or three minutes on the pump being about the limit. On on c of these stints, I got paired with the club secretary. A 6'1" putiolic school type whose fiancee
 was my new girl friend..a circumstance he was just beginning to suspect. Our double act on the pump was his chance to show what a weakling this teacher chap really was. However, Machiavelli-Jecves was not born yesterday, or even the day before. I heaved manfully on the purap... with just enough pressure
to make it appear that $I$ was doing as much work as i my rival, Bill. He poor lad, was virtually doing the whole job on his own. After two minutes, he had to drop out puffing like a grampus while for appearances sake, I put in a further minute against his relief. Truly, cat skinning
has many facets for skilled skulduggerers. against his relief. Truly, cat skinning
has many facets for skilled skulduggerers.

Came moving off day. Heaving a huge suitcase, and a small haversack, I met the others at Sheffield station to collect my share of the diving gear deposited there by a lorry. My ration turned out to be a gigantic haversack (probably escaped from the Everest expedition) filled with an aqual lung, two full tanks, harness and a belt of lead weights. Hefting the lot,
I clammed laboriously on a weighing nachine..in those harness and a belt of lead weights. Hefting the lot,
I climbed laboriously on a weighing machine..in those days, my weight was $11 \frac{1}{2}$ stones. With all that gown
the pointer hit $19 \frac{1}{2}$. Egad I was to carry 112 pounds days, my weight was $11 \frac{1}{2}$ stones. With all that gone,
the pointer hit $19 \frac{1}{2}$. Egad I was to carry 112 pounds After two minutes, he
 of dead weight to Spain !. As things turned out, it had one minor advantage. Both French and Spanish customs blanched (blenched ?) at the sight of the moving mountain of luggage approaching them, and hastily chalked on all outstanding angles to allow me through without let or hindrance.

We finally reached Tarragona station (via London, Paris, and Jarcelona) and after a short wait of about an hour and a' half while Bill arranged transport, found ourselves at the Hotel Miramar on the Plaza San Georgic. I had a nice little room overlooking a courtyard where the Spanish senoritas ironed the laundry. A few large smiles, some wide gestures, and a tossed flower got my washing done for free while we stayed there.

In the afternoon, we carted our diving gear down to the harbour and dived in between a couple af rusty tramp steamers. Being the worst swimmer, I soon surfaced, struggled to the side, and climbed out..finding an oil smear on my leg. The others, being cleverer than $I$, swami around for ages as they played 'Last one out is the tough guy'.. and collected enough oil all over their bodies to keep them busy for the rest of the day in getting, it off again. Talk about Batik and White Minstrels.

By some finagling, we had acquired the loan from the Spanish Government of abbott complete with captain and mate..plus the services of a well-known diver, Antoni Ribera. Toni proudly exhibited pictures of himself alongside Jacques Cousteau (apparently they had dived in the same ocean). Ribera's English was excellent, and wonder of wonders turned out to be a writer and translator of sf. The captain spoke no English, but liked our drinking habits, so he, Toni, myself and a bookie's clerk narned Bob Stone, all swanned around together in the evenings. One one occasion, we were seated round a table, swigGing champagne (dirt cheap) and watching the flamenco dancers in the cafe when along cane our belòved leader...Scrounger Bill, drink moocher No. 1. As soon as he appeared on the horizon, all our bottles were quickly
whipped out of sight. Even so, Bill sat down to grace us with his company. Fairly soon (liquor evaporates quickly in that climato) our glasses were empty. No one wanted to ring Bill in on the cormunal bottles, so in turn we distracted his attention while the hidden bottles re-filled the glasses., It worked beautifully. Bill couldn't understand how we kept drinking so long with no visible refuelling stops. Until the time when Bob's tman to refill the glasses came round. Bill was vainly trying to see the senorita we were pointing too.the one waving to hin with a smile..then CRASH: Bob dropped bottle and glasse I'm still not sure whose face was the best picture, his or Bill's.

On another evening, a dozen of us sallied off to a ten-pin bowling alley which also boasted a dance floor and bar. In between heaving king-sized wooden footballs along the alleys, we danced with the ladies and boozed at the bar. This pinticular alley wasn't nechanised, and pins were replaced by young Spanish chicos, who, having re-spotied the pins, would scramble up and sit in the ball return chutes until they were needed again. Safely out of reach of the balls. On such small, but incorrect assumptions are international incidents built. Bob, nicely pickled, wound up and heaved a lethal ball with all the devastating energy of a Briton on holiday. Forceful...but highly erratic. The nissile zoomed across Bob's alley, bounced through his return gulley, hurdled the adjacent alley, and landed in the chute of the one beyond: that. Scarcely reduced in velocity, it rocketed up the return chuto and clouted the relaxed pin-boy in the rear end. He shot off his perch and landed among his pins just as the Spaniard using that alley sent his ball down. Strike two ! ... and chaos reigned. All the other ball boys went on strike, flashing their lights on and off in, support of their injured comrade; all of them shouting abuse at the two innocent Spaniards on whom they blamed the incident. Equally offended at the disruption of their game, the Spaniards howled abuse back. It was at the height of this brouhaha that the Underwater Explorers slid stealthily out of the door and into the night. I have often wondered since, if our little affair had anything to do with Spain turning niggly over



First of all, I think it's worth saying that Dyson spheres are pretty improbable-sounding devices. A sphere of the dimensions proposed by old Dyson would cost the total energy output of an average sized star for about a thousand years. This is in itself a fairly long time, but unfortunately a race living on a single planet doesn't have the total energy output of its star available. Far from it.

A race capable of interplanetary flight could, in theory, scatter receptors about its primary in order to catch more radiation. By this method it should, in time, be possible to capture all, or a significant fraction of the available energy...but once this has been achieved, the Dyson sphere is already made !

Evidently we must change our estimate of the time required to construct a Dyson sphere by some orders of magnitude. Let's assurne it will tale 10 thousand years, a generously small value, even though such a period encompasses the entire settled history of the human race. Such a time is certainly sufficient to ensure that the human race will never construct a Dyson sphere. A race inhabiting such a sphere, bhould we ever detect one, would probably be more like wasps or ants than human beings in social structure, or else a race of near-iminortals. I can't sec men joining forces to complete a structure which will not be complete for a hundred lifetimes; the human brain just doesn't work that way. Further, now that we are near to controlling our own evolution, it is unlikely that the 'man' of 10,000 years hence will bear too much resemblance to today's human being, except purely superficially.

To me, the Dyson sphere is a much less satisfactory concept than a Ringworld, the latter's obvious advantage over a sphere is that it will take only a fraction of the time and energy to build. Furthermore, the stars are still accessible from a Ringworld, an important psychological consideration in all probability.

Everything I've seen written about Rincworld appears to assume automatically that at the centre of a Ringworld will Iic a star. I don't know why this is so - as far as I can see, it would not matter at all if there was nothing at the centre, provided the Ringworld were a rigid structure. (Incidentally, I see no reason to doubt that Miven's
supor..rigid material - or one approaching its strength might be croated) We lnov far too little about anything to be able to say something is definitcly-impossible.

But if a Ringworld is to be made, one would only make it of sufficient size for one's needs. One as large as the Niven Ring would be far fon large; one has only to consider the criticism of his book, that his rxplorers found so many things on the Ringworld and didn't even get to the edge, to realise this. Do we really need a quadrillion humans? Franizly $\bar{I}$ shudder at the prospect. So let's build a small Ringworld, lazg enough to give plenty of elbow room, but sufficiently small to necossitate some form of population control. Such a world would circle a plenct, not a star, for obvious reasons, and could most conveniently be mode by breaking up a satellite of that planet. For instance, a very finc Ringworld could, in theory, be made by breaking up our own Moon and redistributing the material. Perhaps it would be 500,000 milcs in dia-moto:- (as is the Moon's orbit now - an important point), 10,000 miles wide. Such a structure would be ohe-third of a mile thick, so there would be no shortage of space for machiner", underground railways and such. This Ringworld would have a surface area 300 times greater than the land surface of the Earth; room enough, if need be, to accommodate a trillion poople.

If this Ringworld were set with its axis almost tangential to the Sun ( a race with the technological skill to construct it in the firnt place would presumably have little trouble devising a method to keep i.t aligned at roughly the same angle to the Earth), periods of 'night' and :day: would alternate at intervals without the need to construct shadow squares. And the sun would rise and set each day secming to travel in rn fre bisecting the sky, just as it does now in Earth's tropical regions. To have the 'night' side of the Ringworld $\frac{1}{2} \%$ nearer to the Sun than the 'cry' side might present tidal problems, but given the fact of a rigid Ringworld in the first place, these shouldn't be insurmountable.

Dyson sphere, or Ringworld; these are just two of the theoretical solutions available to a race beset with population problems. I don't believe either are practically tenable; for reasons stated above. The third alternative is much more inviting anyway... interstellar travel. Maybe I'll say why that one's unlikely some other time.

SUDSCRIPTION ANNOUNCEMENT...The following may be wondering why they have becn gettuing ERG... Messrs. Franke, Leingang, Brazier, M \& K Walker, Donton: J \&: P Gish, Horvat, Indick, Palmer, Balazs, and Schneck....well your good friend Ed Cagle sent in a dollar sub for each of you, so you get ERG until (and including) no. 46....except for Frank Balazs, as that good man has mailed in a further dollar..so Frank, your sub is now extended to No. 50.

To other would-be subber. U.K. rate is 5 issues for 50p. Subbers in the USA may get 4 issues for a \&ollar bill.


A long time ago, George Scithers excellent fanzine AMRA published an interview with the Grey Mouser, conducted by his faithful chronicler Fritz Leiber, wherein the Mouser had hard words to say about Monopoly and said that he was amusing himself by devising what he called the Lankhmar game. I never found out whether that game had been devised because the deplorable irregularity of AMRA decided me not to renew my sub, However the matter of devising something for fans of sword and sorcery to play has intrigued me for some time, and in this writing I make boldito give the results of these musings:

To begin with a game needs two factors for success: First it must be ontertaining, and secondly it must need little, easily obtained equipment, proferably able to be made by the players themselves. So my game of Spell and Hero was devised along those lines. First the equipment. You need a playing surface. A chess board would sorve, but it is confining, and difficult to reset for a new game. I suggesi a sheet of drawing paper, as large as you can get. Then you miss: create a set of hazards, such as swamps, ranges of mountains, rivers, lakes and so on. These, the swamps, mountains and lakes can be cut out of postcards and held in position on the playing surface with drawing pins, rivers can be made frcm lengths of string, held in place in the same manner. The position of the hazards having been decided on and the pieces installed on the playing surface the final markings for start and finish are done, one at one corner of the surface and the other at the end of the diagonal to 1t. Now comes the equipment of the players. First both players are issued with identical pieces of card of predetermined length which are called day-journey cards, and represent a day's travelling for a player, for instance if the diagonal is, say; four feet long, the day journey length would be one inch, in other words a day journey strip should be about a fiftieth of the diagonal of the playing surface.

That is the basic equipment common to both players, or all players. Next comes the decision as to who is to be what. There mast be a hero and a villain, and
since nobody wants to be the Sheriff of Nottingham I would suggest the retirement of the disputees to a quiet place, where notable thwacks can be exchanged to settle the matter, or, if a gang of poltroons are playing this could be decided by the throwing of dice. The hero and villain(who must be a magician) being decided, if there are more than two playing forces must be split, and if this leaves an odd man out he can eithor be named adjudicator, or like MacNamara's band in the election he can be the pragmatist, playing for oither side as the mood takes him. Now comes the most important part of the game, the personal equipment. For the hero this consists of writing down on a piece of paper what he carries and its powers. A magic swords for instance that will cut through anything, a knifo that glows when it is dark and so on. The hero's accomplices will have similar lists, and it may well be decided to choose some particular piece of sword and sorcory to use as a guide. The villain doos

likewise, drawing up spells and entrapments, but, and this is important, both players or groups must limit the number of items to an agroed total, say five or six, and if there is an adjudicat--or then these Iists are doposited with him, and the game is no ready to start. The horo has first throw, with a single dice, which can give him up to six day-journeys. The magician, villain, prior to this, anounces any numbor up to six, and if the hero happens to throw this number the magician can then announce a spell if he wishos, but it must bo noted that each spell, and each item of horoic equipment can be usod once and once only, but the hero can break a spoll by throwing a number equal to the one previously thrown by the villain. If there are more than two players the two teams can have turns at throwing the dice with the team scoring the highest total from its throws being declared the mastor. Tho hero can of course oncounter a hazard, for, a rulo of the game I failed to note was that the hero's course to the objective must go from hazard to hazard, and of course if his measurod off dayjourneys take him past a hazard well and good, but if they land him in or at one, thon he must either eloct to go round it, in which case he misses the same number of turns as day journeys to go round, this rulo also applies to the villain, or the horo and villain can throw for a direct crossing, by turning up a six with the dice, and some of the hazards may take two or three day-journeys to cross, Iike mountains swamps or lakes.

So tho playour meooood auroas the playing surface, going from hazard to hazard, getting over some, having trouble with others. I should point out that where a six to pormit a direct crossing is not thrown on ono cast of the dice, the playor on his next turn throws again and if the total of his two successive throws exceeds six he can move ahead one day journey, and since ordinarily a mountain range may be three or more day-journey longths across an unlucky player may need soveral throws of the dice to get across.

Now we come to an important point, the measuring of day-journeys. Sinco hero and villain move in a straight line from hazard to hazard, it is recommended when tho board is boing set that hazards be placed a procise number of day journeys apart, and a suitably sized ruler be at hand to settle disputes about the nearness to, or falling into hazards.

Eventually one or others of the contestants arrives at the objective. Aro his troubles over? By no means, he must then achieve the objective by throwing either a six, or, by totalling successive throws some multiple of it. Then, if it is decided at the start he must then go back to the start in the same mannor as he went out, and the other player still has to roach the objective, throw his six or multiplo thereof and set off for the start onco more. If he arrives at the start before the first one who achioves the objective, then the game is declared drawn, but otherwise the first to roach the objective is named winner.

Looking over tho rules I can soe some points on which confusion can arrive and which I have not space to elucidate. Howerer I feel that such a game has possibilitios for variation. Tolkion typos can lay out the board following the excellent maps drawn with the Iord of the Rings. Leibor roaders can follow maps of Nehwon. Like any other game the rules I have laid out can be altered or amended as circumstances decide, I meroly lay out guidelines for a game. If anyone wishes to discuss the game with me I should be pleased to answer all correspondence.

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 dizect to Jim for a bopy and it is worthite..
Am5 ( 8 ii $\times 5^{\frac{7}{2} i}$ ) or therebouts, two colour cover (a good one) the intex lists each issuc with stories, author, typo of story. Then cones the infor re-arranced in story alphabetical order, Pinally in author alphabetical order, with a cross raporenco to the UK oditions. A worthy companion to your American istuc bhecklist.... buy now, while stocks last.


Part Elran through Ehemain items to bear in mind when choosing a camera and a projector. Now for a natter about using them. To avoid undue complication, all the following mainly refers to 8 mm (Standard Double Pun) filming, in my case, shooting with a Quarz 5 zoom reflex, and projecting on a Jumig s 710D. Other gauges \& caneras may involve minor differences, but the broad details are the same.

The first step is learning to handle the camera - play with all its gadgets unifl you know what they are all for. Only then, buy a film and load the thing. With cassette loading, you just clip in the box, but 3 td. 8 is a little more complicated. It involves unreeling a few inches of film, leading it round a guide or two and throllgh the film gate before finally inserting the free end into the take up spool...then fou run a few inches of film to ensure you did the job properly. Close the canera and run the film until the indieator reaches the 'Start' mark. This is about 4 feet into the film, as this margin is allowed for the accidental exposure which occurs during loading - this part is later cut off in the processing lab.

Now go out and shoot whatever takes your facy, experinent with exposures, zooms fades, dissolves and whatever else your canera is capable of. Average shot duration is usually ten seconds, but this is only a rough guideline, and can (and should) be altered drastically to suit your aims. Where possible, 'edit' in the camera.. which simply means try to plan your shots in advance, and if possible, take them in the sequence in which they will be projected...this can save a lot of work at the proper editing bench. Almost certainly, this first reel will be a shocking mess as far ass entertainment goes...but you will have learned what you can do., and next time will do it a while lot better.

Herewith a few general hints worth remembering :-

1. If clockwork, wind camera before each shot. If electric, carry a spare battery
2. Check exposure setting (and focuse, if adjustable) for each shọt
3. Avoid 'playing the trombone' if you have a zoom lens, its main use is to allow you to 'frame' a shot without having to walk backwards or forwards
4. Use plenty of close\%ups.
5. When panning (not too often), pan s-1-0-W-1-y .
6. When filming Uncle Fred, let him Do something..light his pipe, sniff a rose, or down a pint...DON'T just let him stand and gawls at the camera with a shecpish grin on his dial.
7. Ficep an eye on the footage counter...even the best shots fail to cone out if you take them after the spool has run out.

If usine Standard 8, you will have to change the film over at the half way mark in order to. get the second 25 feet. orrather like using the second track of a two trazk tape recorder....but don't emulate a friend of mine who lost count, and raversed his film twice more, so that the whole length got two exposures and made for a very confusing film.

Finally cones the time when you have a film all ready to run. You can of course whip a sheet off the bed and use that for a screen. .but it isn't a good way. If aifluent, you can buy one, but if a D.I.Y bug like me, you'Il make one. My first was a sheet of hardboard about a yard wide, and covered with white Fablon. For better contrast, I edged the picture area with black Fablon. However, with the advent of sound, I decided I wanted something different, so I cut out the picture (white) part of the screen, covered it with firm tracing paper, and now project from the back of the screen. Since this shows the film backwards way round, I use a plain mirror to reverse it back to normal....diagram below.


The advantages of this system are many. First, the sound cones from the screen without any extension speaker leads running anong the audicnce. Likewise, no big headed viewer can manage to shove his head in the projector bean. The projector is no longer vulnerable as people jostle for seats. Watchers can sit right round the font of the screen, instead of either side of a projection alley...and a final bonus, as the lipht is now transmitted and not reflected, the picture is also a lot brighter

Your first film will have umpteen faults, but as you make progress and get more ambitious, you will start to edit it not only mentally before you shoot, but physically, by cutting and rejoinine the film, after you fet it back from processing. To do this you will need a film splicer, wet (using liquid coment), or dry, (using adhesive tape patches. To show the film, and rur it back and forth to selcct cutting points, you will need an editor/vicwer. At this point, I sugcest you dasil round to your local library, and get out a few books on the topic, Tony Mose of 'Movie Maker' has a particularly good book on cinc... and of course far more awailable space than I have herc.

Apart from the usual run of holiday and family films, my main love is makine animated movies....one of which was lucly enough to win The Delta Film Award at Bristol.......so next time, I hope to go into the topic of animation and the makind of sound films. Latest news is that I have actually sold an animation piece to the Amorican mag, CIIIIIAGIC, so here's to more and better cine.

END OF PART TWO.

exodus in the dawn of time. THE BEST OF JOHN W. CAMPBELL

Sidfwick \& Jackson. . 22.25
James Blish opens the volume with a brief biographical note, and then it is Campbell all the way. The 'Best' of anything is bound to be a subjective judgement to some degree, but the Science Fiction Foundation who (which ?) compiled this selection have done a superb job. Actually, all tales are from Don A Stuart but who cares about that. First comes a Penton \& Blake, 'Double Minds' from I believe, Thrilling Tonder, stronger on action than ideas. Then it is back to Astounding for the next four. 'Forgetfulness' concerning an interstellar 'Who aoes There', surely one of the greatest alien invasion tales ever to be written. Finally, we have the two parts of the Sarn invasion of the Earth, 'Out of The Night', and 'Cloak of Aesir', in which Campbell showed us that not all invaders need jack boots and stock whips, nor do the oppressed peoples require massive military weapons to save them. Even if,your favourite Campbell isn't here, you can still be sure of wide ranging concepts, thourhtfully and skilfully displayed. My only very minor quibble is the dust jacket reference to 'Analogue' as the successor of 'Astounding'....and if you want more good news, then it must be that there are more volumes to come in this series. (TJ)

THE LOST WORLDS OF 2001 A.C.Clarke. Sidgwick \& Jackson//N.E.L. 40 p
240 heffy pages in which Clarke details how 2001 came about, and then goes on to include all the story and plot segments which had to be written along to way. Naturally, 'The Sentinel' is there, the tale which started it all. Also included is his earlier, 1 incounter at Dawn', now rewritten and completely altered so that it now forms a prologue for 'Sentinel'. The basic 'alien guidance' theme is then explored in a huge amount of material which did not appear in the book or film. Many side possibilities are explored in a manner far better than in the much higher priced 'Making of 2001' by Agel. These are stories, not endless yards of interview transcriptions, and form a fitting companion volume to the book '2001' on which the film was based, (or which was written in order to make the film) Either way, I couldn't put it down until the last pace...so a whole day's holiday vanished While I read. Recommended to all Clarke, Kubrick and 2001 fans, devotees, and admirers.
(TJ)
MITDSWAP Robert Sheckley Pan 30p
The hilarious story of Marvin Flynn who, in search of something new in holidays, swaps bodies with a Martian. Then his troubles start as he tries to refain his body and is forced to mindswap his way around the Galaxy ably hindered by a lovely assortment of inept aliens. Other s-f writers have tried

to bring humour into s-f. de Camp, Fyfe, Vance and many others have all used clubs on the job...Sheckley does it deftly with a rapier in one of the best mixtures of straight $s-f$, and send-up $I$ have yet to meet. . (T.J.)
THE TBLECTRIC CROCODILE D.G.Compton Arrow 35p
Sociologist Matthew Oliver is offered a post at the Colindale Institute and is approached by a member of the Civic Liberties Comattee to spy on the Institute's activities. He takes the job, which demands total surveillance \& security, and finds the secret is a computer so complex it can accurately extrapolate future trends. Its operators can alter the future by manipulating the proper key factors, thus averting disasters and crises. Such unwarranted interference in man's Godagiven right to go to hell in a bucket, sends Oliver's wife rampaging off to reveal all. Meanwhile, her husband is initiated into an even more sinsister plot involving the computer. Essentially a story of people and their attitudes, the technology is minimal as the author deftly establishes an atmosphere of omnipresent Govermment without the usual police state stereotype. An irritating gimmick is the frequent backtracking to cover the same incident from an alternate viewpoint - a kind of two steps forward after one step back, which detracts more than it adds. $\Lambda l l$ the same, a book hard to put down, with many parellels in today's society. (TJ)
 Several cominon threads Iink all three
books, ine adventures encountered by Earl Dumarest as he seeks to discover Earth; the planet he left as a boy of ten. Ranged against him is the full spectrum of nastiness possible in (or on) a variety of spaceshipminked planets, each more feudal than futuristic. Swords and slaves being the comrion background, together with sundry ruthless matriarchs, overlords, princes and tyrants. Also shared, is the creeping menace of the Cyclans, logic-ruled cyber men working their own evils schemes in which men are mere pawns. Each tale includes one of them to fmrther complicate matters.
TGYMAM, concerns the slave-planet of Toy where stockholders (the feudal overlords) pit slave armies in battle. The top man, 'The Toymaker' plans for totalitarian power, a small syndicate plans his overthrow, and a Cyclan plans his win schemes. Dumarest is caught in the middle when he arrives to consult the giant computer. Fights, duels and action a-plenty beset his path to victory.
DERAI has Dumarest escorting and falling in love with, a beautiful telepath as he escorts her back to her family, the house of Caldor, where heirs apparent and presumptive tangle their webs in order to rule the planet. A side journey to the planet Folgone leads Dumarest into a mazearena for further battles as he rescues Denai.
THE WINDS OF GATH see Dumarest involved with a matriarchy, an evil prince who covets the beautiful girl, and a few less duels than in the other tales, before the denoument is reached. The planet Gath is a dead end, visited only because of the strange hypnotic effect of its winds as they blow through a weird rock formation.

In addition to the cold, emotionless cyber man, each tale brings in a religious brotherhood which provides the sole benevolent angle. Tubb can always tell a good tale, and his 'high', 'middle' and 'low' grades of interstellar travel are both logical and ingenious. Sady, in these yarns, the plot is kept strictly subservient to the action
in all three, and the common theme of overlords, warriors and badd-bad villains is rather tired. Nevertheless, if you crave action and much buckling of swashes, then these tales will be your gravy as Dunarest repeatedly proves that the bigger they come, the harder they fall. T.J. PROFILES OF THE FUTURE Arthur C. Clarke Pan. 40p

A re-issue of Clarke's 1962 book; it opens with two fascinating, well documented and extremely thought-provoking chapters on the hazards of prophecy: Having outlined sone of the pitfalls; the author then goes on to speculate on transport, GiNis, gravity speed, matter transmission, teleportation, space exploration, time, power supplies and a host of other topics. Apart from the pleasure of reading the predictions of a top s-f writer, there is enough material here for a whole stack of new stories. The whole bundle is linized together in a highly palatable and entertaining manner. Personally, I would like to have seen a few diagrans and line drawings to supplement the text, but even without them, this is a book no hard core smf fan or popular science devoter would want to be without. T.J.

BEYOND TOMORROW Ed. by Damon Knight. Pan S-F 40p
$===============$ A ten-tale anthology opening with Nounse's Brightside Crossing' which tells of a journey across Mercury's surface at perihelion. I read this during a heat-wave, and almost fried. Then comes Clarke's 'Deep Range' where a submariner and two porpoises encounter a giant shark. Heinlein's 'Coventry' is of the penal area where crininals and malcontents are isolated, then Kate Gilhelm's, 'The M'le Long Space ship in which an accident victin contacts the aliens via telepathy. Then van Vogt's, 'The Seesaw', a short from the Weapon Makers series in which a luckless reporter becomes one end of a colossal energy balance. liore closely detailed is Asimov's brilliant, 'Nightfall' on Lagash, the planet whose suns only set once in a thousand years. In complete contrast is Bradbury's 'The Million Year Picnic' with a family outing on Mars, and thon Simak's 'Desertion' is a gripping account of converted humans exploring a Jupłter they find irresistible., JWC as Stuart is there with 'Twilight', in which a time traveller tells of the 31st century. Finally, Kuttner's 'Happy Ending', a looped time whimsy about a run-away robot and a problem solving case. One of the best collections around, and darned good value at $4 \mathrm{p} \cdot \mathrm{a}$ story.
THE TIIREE EYES OF EVIL A.E.van Vogt. Sidgwick \& Jackson. ह1. 1.95 and
EARTH:S IAST FORTRESS

A careless reading of the jacket 'blurb' might convince you that here were two brand-new tales from van Vogt. In actual fact, the new titles conceal respectively, 'Changeling' and 'Recruiting Station' from the 1942 and 1946 issues of Astounding. In the first, Michael Slade has a car crash which uncovers a third eye. In training this to focus, he is transported into a parallel-universe Earth in habited by sophisticated cave-dwellors who have rejected the physical sciences to perfect a highly efficient mind training system. Their discarded cities are peopled by bloodadrinlsing drop outs who couldn't accept the new system. In the changeover, Gecas, an imnortal dictator seized power, and Slade is needed to overthrow him. Taken before the dictator for interrogating by a telepathic 'nitb', Slade is aided by the other surviving imnortal in the final tussle. Last Fortress opens with would-be suicide, Norma Matheson being
diverted to act as receptionis in a Calonian recruiting station. A sinister Dr. Lell operates the machine which not only controls Norma, but also transmits recnuits to fight in a future war. Normais old boy friend comes to help her and is forcibly recruited, while she is aged 50 years as a punishment. Typical van Vogtian complications ensue as Norma learns mind control, is aided by an agent from the future, and finally the time loop runs full circle. Vintage material for those who like their nostalgia between boards instead of in pulp magazines.


Deathworld.1. is the original magazine version
in which Jason din Alt, gambler-adventurer goes to the planet Pyrrus to help the colonists in their grim battle against the utterly hostile flora and fauna besieging their base. din Alt proves the attacks are caused by telepathis reaction to the colonists own destructive ernotions and response has become a feed-back loop with each violent victory sparking an even more violent attack. Solution:, Pyrrans can cool it, succumb, or in a newly written chapter, join Jason in subduing other recalcitrant planets. Well written, plenty of fast action. If you missed it before, now's your second chance.

Deathworld.2. sees Jason kidnapped from Pyrrus by a do-good, Puritan type callad Mikah, who is just too holier-than-thou to be true. The object is to bring fason to trial for his crimes, but their ship crash lands' on a planet of feudal groups, slaves, masters and assorted overlords. Jason hops from pan to fire again and againg: as his attempts to win freedom by improving elementary devices is frustrated by Mikah, who invariably snitches on Jason to the current boss-man. More repetitive, and not so smooth or interesting as D.1., but with plenty of viollent action.

Deathwörld.3. is the re-titled 'Horse Barbarians from Analog, wherein Jason and the Pyrrans tangle with Temuchlin the barbarian nomad leader (Tanerlane ?..Genghis Khan ??) Their ain is to convert his tribes to a more settled way of life so that the Pyrrans can establish a mining base. To do this, numerous bloody battles must be fought, to help them Jason develops gunpowder bombs and joins in the bloodthirsty fights. This one isn't so long on plot, but has enough sword and dagger work for even the most jaded reading appetite

Attending your first Convention? Never heard of a Convention ?
Enjoyed Bristol and want to have fun again?
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# Best Cover..... PHENOTYPE <br> Best Magazine..HELL <br> Runner-up.......JOY 2 

It gets rather tedious, but once again the best item in the rails is without row, Good old If, L. Concratulions, ene ties is the lind of tedionsity up with wace $I$ can cheerfully put.

 Wave never published a fanzine such visits hay de qualisine to say
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PS. ERG 44 (This 'un) hasn't an eligible cover either,
as I gave the original to Alan Burnss....quecr world.


GRANPALLOON $17 \quad 54$ pages beautifully produced and illustratad
Prospect Park, Pa 19076, U.S.A. The cover is well drawn, but seoris a bit restrained in comparison with the quality of the zine itself. Art by a slew of top fan artists, sone fan fiction including a lovely piece titled variously 'Daughter of The Mind' at the front, and 'Mind Daughter' on its geading. Good either way, though a triflc bland: Book reviews, and of course, the inevitable fan 'poetry' without which, no fanzine can ever be complete (heh heh), and an excellent lettercol. A very well produced fanzine, highly roconnendec, and available for 3 for $\$ 2$. contributions, or good LOCs. On this one, you can't lose.

BOOB
A 10 page, untitled, one-shot fron Eric Lindsay,
Bo= $=6$ Hillcrest Ave., Faulconbridge, N.S.W. 2776,Australia. The zine is untitled, but since it is entircly breast centrod, I just had to supply one. If you have an oral fixation, you will like the sex-sianted sentences. Also included are re-runs of artwork Eric has used elsewhere, but which just fails to appeal (MacDonnell and A.H.). No rates, but a letter will no doubt get you a copy of this, and Eric's othor publications.

STARSHIP TRIPE 38 pages fron Mike Gerra, 199 Great Neck Rd., Waterford, Ct. (That's Connecticut) 06385. U\%S.A. Rather ncoish in sonc ways, but time will soon cure that. A fan piece by 'Aljo Svoboda' then an Essay on the Orestes thene in 'Dune'. it looks competent, but I lack the background to evaluate it ( $I$ don't like 'Dune' anyway). A Heinlein review is follow ${ }^{2}$ by thres frmz reviews, a biographical bit, and sone LOCs. Nicely balanced, and could develop nicely. $20 \not \subset a$ copy, or preferably LOC response gets you this one.

GEGENSCHEIN TEN Eric Lindsay (address above) This is the Ietter section of Geg, runs to 24 pages, and includes several good illos, but virtually all are spoilt by the reproduction. ,Neverthekess, the LOCs and editorial responses make this a highly readable iten. It needs some layout (and repro.) work, but this is secoddary to quality of editorial matter. Available for 50\&, Trade or LOCs.
HYPERION
23 photolith pages from Mark Jenkins, Box 250. St. Johns College, Annapolis, MD 21404. Uses a two-column page layout, superb repro and poor artwork. Decidedly faan slanted, and with several pieces on rock and allied music, plus one or two letter-type items. If it has a connection with s-f, it escaped me...but who worrics about that. If you're a rock bug, then you'll go for it. The going rate is 25 c a copy.
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APOLOGIES
are due for the bad reproduction on certain pages. The faults were twofold...(a) On two stencils, I forgot to switch the ribbon out of the way..and (b) The Gestetner jammed, and had to be takan apart.

## HELP WAYTED. URGENTLY Having run out of duplicating ink, 'T called in my

 friendly (?) duplicating shop and was amazed to find the nice man wanted 2.50 a tube for Gestetner ink! I beat him down to 1.50 for a tube, but can ANYONE put me on to a reliable source of duplicating ink at a reasonable price ???? PLEASE ! waiting list... and as a result must take a fong look. at whether or not I stay in OMPA...recent poll and mailing apathy make a strong argument against OMPA, but I hate to leave after all these years. What to do ?? A possible solution is a skele ton ElRG for OPPA, a slig tly larggr one for FAPA, and the full works for subbers.

