Radio Carbon



DUA on the March

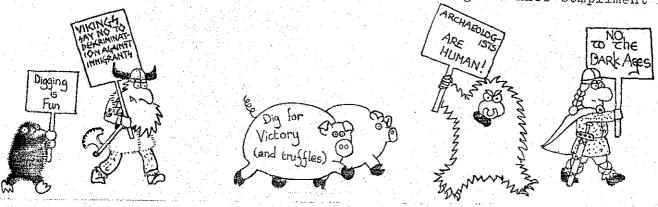




On the 9th of March the TUC organised a Larch to COVER STORY. back up their campaign for 'Economic Advance' . The main focus of the March was directed against the Governments Cuts, their implications for the social wage and unemployment, and the Governments Employment Bill, which it is felt will weaken the position of the Unions.

The Police stimate of the total attendence was 30,000 and the TUC'S was 140,000 . My own estimate , bassed on my experience of Hyde Park Concerts (!) would be between 50,000 and 70,000. Perhaps the estimates depend on weather you count at Hyla Fark or at the Hally ar Trafalgar Sq , Decause a lot of jeogla drifted off from the latter, (you couldn't hear what seemed like oring speeches)

IPCS were I think impressed with the turn-out from the DUA , especially as we made up approx. 1/5 of the IPCS turn-out! There were 14 from the Dua and friends, including Sue and Claire from the Finds Dept. who unfortunately were not there when the photos were taken . We also got a nice compliment from the



Chairman of the Steering Committee of the Annual delegate conference , when he said 'So you're the Branch who sent up those progressive motions to conference! He also said that if he had anything to do with it they would appear on the agenda . There does seem to be a feeling in IPCS that their membership is rather too conservative . Incidently , conversation with IPCS HQ staff revealed that despite a relatively low proportion of women, IPCS has one of the best records for the employment of female Union Officials in an otherwise notoriously chauvanist TUC . Thanks: to all who turned up .

KANONE-STRASSE

The Oberkommando Urban Archaeology crouched in their Basinghall St. Bunker The DUA was under pressure, all the troops were pinned down in mopping (writing) up operations at Trig Lane . How could they afford to open a second front? Then a flash of brilliance . After scouring the drinking dens and dart kellers of Southwark for the scum of the City , a new unit - the Penal Battalion- was raised and marched to Kanone Strasse . Hiding in Basements by day , only daring to emerge at night, pitifully short of equipment ("use the trowel of the Volunteer who has just died next to you") and forgotten by the world , this is the story of those concrete heroes , the

(Radio Carbon regrets the Break in Transmission, whether it is due to enemy action, the collapse of the basememnt, or the absence of the telephone lines is not known)

Note this account is purely ficticious . Any resemblance to Archeology living or dead is coincidental .

AFTER CIVILIZATION

The Second Radio Carbon Revolution

Due to the fact that the first 'Radio Carbon Revolution' in Archaeology began in Oxford, with its introduction to Sir Mortimer Wheeler by Lord Cherwell in 1949, it is fitting that a development of the method, which looks likely to become the second, and equally as important, revolution, should also have seen the light of day there.

The present system, which involves measuring the decay rate of the beta rays, by counting themas they are expelled, constitutes a number of difficulties, the worst of which are:

- a) It is extremely difficult to distinguish between the ¹⁴C electrons and the others, especially the more abundant ¹²C.
- b) The process is lengthy and time consuming.
- c) It is open to human error.
- d) The major limitation for its use in Archaeology is the large quantity of carbon rich material which is required.

The Institute of Archaeology at Oxford has, for some time, been experimenting with a Mass Spectrometer, which pumps the electrons through a tube, around which, magnets are situated in order to bend the rays; different electrons produce different sized arcs, and therefore it becomes easier to distinguish ¹⁴C, and consequently easier to count their rate of decay. But this process only makes it slightly easier to detect, it does not help with any of the other inherent difficulties.

Meanwhile, similar experiments were taking place in America, but instead of using a Mass Spectrometer which functioned on 10 volts, they were using an Accelerator, a machine developed for use in Nuclear Physics, whichused 3,000,000 volts.

The principle of the machine is similar, in that it bends the beta rays, but the extra power gives it two major advantages. Firstly, the rate of decay is increased which shortens the time required for measuring and counting, but secondly, it is possible to disperse all unwantedelectrons by the use of the magnets, so that only the ¹⁴C ray enters the detector. This simple fact is the force behind the Revolution.

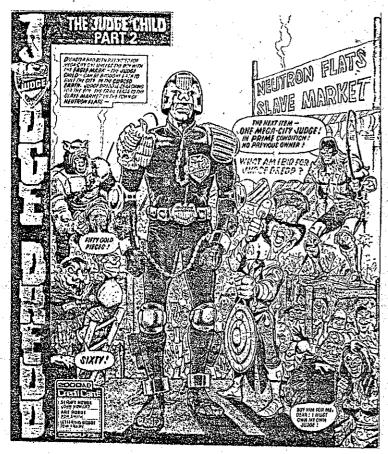
If the radio-active particle can be completely isolated in this way, it means that its accuracy should be enhanced, but more importantly, for the time being, a much smaller sample of carbon rich material would be required. It is estimated that a sample size of between only 1 and 10 milligrams would be necessary, which is smaller than the eye can detect, but, in the field, would mean that a single carbonised grain would be more than adequate for the process. At the moment, this would be its major advantage. It should eventually be possible to increase the accuracy to as much as ± 16 years, for anything up to c. 100,000 b.p., but inevitably, this will take time.

At present there is a race between Oxford and somewhere in America, to see who can perfect the process first, but it looks as if it should be fully operational by this time next year, functioning for c.400 samples p.a.

In conclusion, by next Summer it should be possible to sample a greater number of contexts in a shorter period of time, with as much accuracy as (and eventually more than) there is today. But a further advantage, which is probably the greatest that we could have wished for, is that the whole process may be ABSOLUTELY FREE, or at the least, nominal,

The Accelerator has been paid for, at great expense, by the Science Research Council, and once in operation, will only require basic running costs, the majority of which would be the wages of the operators, and these too may be funded by the S.R.C..

But then Radio Carbon always was free, wasn't it?









SMALL ADS

Claire our new illustrator would be interested to hear from anyone with information about accommadtion (permanent) for two people .

STOP FRESS

A new document has recently been distributed by the Museum dealing with the vexed question of Metal detectors. It follows roughly the CBA document seen in this magazine, but is more moderate in tone in that it reckonises that Detectors are here to stay, and must be lived with.

ARCHAEOLOGICAL PASTS AND FUTURES

Renfrew's Transformations through Time is a serious and (to my innumerate mind) incomprehensible series of papers explaining diachromic relationships in archaeology, expressed in mathematical terms. It does however include, in his opening paper, an aside which relieves the solidity of the rest. This is the use of Osbert Lancaster's superb drawings of the English town through history, extending from the Roman period to the present day. Renfrew uses them to illustrate 'invariants in temporal transformation'; certain features, notably the beggar, re-appear in the same corner of the market place in every period. This was clearly also a model for a fictional reconstruction of the re-incarnated beggar in a well-known genre. It was also however material for science fiction. It reminded me of the small impact that SF has so far had on archaeology, and how it could be the medium for the liberation of new ideas in considering an imaginary past or future.

This would extend the range of hypothetical models about man in environment, which already verge on the borders of SP.

I was also led to consider this by the quite unjustifiable letter to the THES by a correspondent who deplored the use of its pages for science fiction. He was in fact referring to my paper on Sutton Hoo in the previous issue in which I summarised the modern techniques which should be employed in a new Sutton Hoo excavation if it were to be the best in the world. Those I listed had either been tried already or were possible given current technology. It appeared to the letter writer however as SF an suggested I be deep-frozen until some time in the future until It appeared to the letter writer however as SF and such things were possible. At the same time I was accused of inventing some data on an Irish shrine which I had used in a recent paper. Subsequently, my ideas on Sutton Hoo inspired an actual piece of SF, a vision of the early stages of that excavation (see Rescue News April 1980).

Another reminder at the same time was the appearance of an archaeologist in the 'Hitch-hiker's Guide to the Galaxy'. My colleague Edward James subsequently told me of the not infrequent appearance of archaeologists in SF situations, and also that they were both uninformed and uninspired.

Archaeologists must therefore, it seems, write their own SF, and the purpose of this circular is to invite you to do so - to contribute to a book which I would edit, with some title such as that which heads this paper. I have no doubt we should easily find a publisher and would do something to spread what Curwen once called 'the lighter side of archaeology' to a public who may begin to suspect we are rather dull. I would suggest short (3000-5000 words) papers ('novella' in SF). They could be in any of the following genres (though I would welcome the suggestions of others).

AAAAARGH7

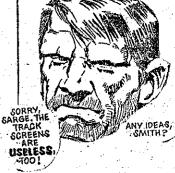
THEY'RE AFTER
THE BATTLETROOPERS IN
THE TROOPSHIPS

I'M STAR-TROOPER SMITH, PART OF THE REPRISAL FLEET OUT TO AVENGE THE MASSACRES IN THE SOLAR SYSTEM BY THE ALIENS WE CALLED THE GEEKS.WED WARPED ACROSS SPACE TO THE GALAXY NAMED NGC 548... AND FOUND THEM WAITING FOR US!



Close-up, Star-Troopers: Hey're fighting with the LIGHT OF TWIN SUNS BEHIND THEM!





- The Archaeologist in Science Fiction (Edward James is working on this, and so also may be Charles Thomas who has already explored the archaeologist in fiction, and probably also Jesaic Mann). This could include both the modes of the archaeologist's appearance in other worlds, expeditions etc, but also the collection of part gens such as 'the Line and Circle Folk' in hunch many years ago (a reconstruction of the Underground people in atomic-destroyed London).
- A review of the archaeological certoon dealing with SP situations in the pages of <u>Punch</u> and elsewhere.
- A review of the SF elements in historical reconstruc-tions such as Angus Wilson's <u>Anglo-Saxon Attitudes</u> or A <u>Connecticut Yankee at the Court of King Arthur</u> or <u>Golding's The Spirs</u> or <u>Asterix</u>.
- Archaeologists in other worlds either indigenous or expeditionary immigrants.
- Contributions to Galactic Archaeology at any future date (no 1 will be published a 1994).
- Reconstructions of the past embodying SF ideas eg a reconstruction of the twelfth century exhumation of Arthur in which the monke display foreknowledge of future archaeology or archaeologists.
- British archaeology os seen by an archaeologist or others from Alpha Centeurus.
- Reconstructions of Life on Earth by space archae ologists (mis)interpreting the debris of our civilisation.
- A review of Lunatic Archaeology bordering on SF (you only need to consult <u>Antiquity</u> to do this)
 (You Danniken, etc).
- The use of archaeological SF in developing modern theory ('serious' papers).
- 'Spoof' papers on current archaeology or discoverie appertaining to SF.
- SF interpretations of ethnographic data such as Millies Camp.
- Visions of future excavations or research (of cury Rescue News piece).

Contributors may append Harvard bibliographies, (imaginary) which should also give scope for some humour or imagination,

If you think there may be something in this write to me, either to say you can write a piece (say by Autumn 1981) or to suggestions for other aspects of the genre; or bibliographical items.

Not all archaeologists are SF enthusiasts (some actively dis-like it). Those that are will find it easy to think of a theme, but there may well be others who could turn their talents to the medium; and it is very likely that they will not be archaeologists If you know any such send me their names. Do you think this appeal should be a more general one in eg the pages of Antioujty or The Times? Finally, how should the final selection be made?

PHILIP RANTZ

University of York

MUSION, CITY OF THE DAMNED, WHERE CONTRACTS ARE FORBIDGEN. HERE, THE DOCTOR AND HIS REBEL FRIENDS HAVE COME TO BRING A WARNING — BUT TOO LATE!

WHERE THE BEGOD BUGS PASSED, THEY LEFT ONLY BONES --

ALREADY, BILLIONS OF BLOODBUGS HAD REACHED CITY LEVEL-

IT'S SO SIMPLE!
CONTRACTS MILLS THE
BLOODSUGS! ALL WE HAVE
TO DO TO BEAT THEM IS GIVE THE PEOPLE BACK THEIR HEARD OF MANY MYSTERIOUS AND HORRIFYING THINGS... YETHERE IS A TALE, MORE TERRIFYING THAN MANY OTHERS - THE STORY OF THE

CONTRACTS!

YOU HAVE THE EQUIPMENT! YOU CAN GIVE YOUR PEOPLE BACK THE SONTRACTS YOU STOLE FROM THEM! IT'S THEIR ONLY CHANCE !

THE DOCTOR HAS TO CONFRONT THE B.O.G .-THE BRAINS TRUST THE GENETICALLY ENGINEERED INTELLIGENCES THAT HAD GUIDED THE CITY ALONG THE PATH TO HARMONY

MY TRAVELS I HAVE SEEN AND

B.O.G. AND THE CONTRACTLESS

"URBARCHS!

P.T.O. FOR THE B.O.G. 5 ANSWER!

A very enjoyable and informative weekend was had by all who attended the M of L's Urban Defences Conference. It is always stimulating to have ones horizons broadened by a collection of experts who can give us a new insight into problems which we might otherwise view myopically. As the Conference went on the London defences began to get smaller (and homely) in one's mind eye as we compared them to the Walls of Rome and Hatra (the latter even withholding an 18 month siege against those military machines, the Romans). Talking of machines, Dr. Baatz of Germany suggested that perhaps Bastions may not have been used for siege weapons, as the crucial job of directing fire to the foot of the walls could equally well be done by soldiers throwing or dropping stones from the wall itself.

Of the DUA's speakers, Brian Hobley's introduction was better than last year's. John Maloney was very impressive pacing his uncluttered speech very well, and was easy to follow as the facts were fitted into an easily remembered sequence.

At the summing up of the Conference John Wacher said that after hearing Mr. Hobley's contribution he now knew what the Ancient Mariner had felt like having an Albatross wrapped round his neck! (literary types please explain the meaning of this obscure reference) and thanked Max Hebditch and the Museum staff warmly. Professor Wilkes praised Brian Hobley, granting him the credit for the success of the Conference. Brian Hobley then thanked again the Museum staff, and John Maloney and Trevor Hurst for the exhibition. It was a pity that Brian Hobley only thanked John Maloney for doing the photographic exhibition, when, in fact, the original idea of the Conference was John's, who also did the bulk of the groundwork setting it up. (KF & DJT)

Diana, Vanessa, Wendy and Crispin put on a truly wonderful free reception at the DUA, which put the Museum's £1 effort to shame. Diana deserves all the credit for making that reception a great success despite the conditions she had to work under.

To sum up then a very good Conference, but perhaps as an established study a less epic effect than last years Waterfront Conference, but what a fantastic exhibition!

ALL THINGS BRIGHT & BEAUTIFUL

ELECTRIC SHOCK HORROR: within five days of the clocks going foward, electric power comes to Trig Lane, but sadly the lights are going out all over JJ and ABL. The ILA and WEL archive reporters have now plugged into the TL supply, and the brilliance of POM is illuminating Level III, although a temporary CUT is being short-circuited by Clare and Co. Former DUA Bright Spark Steve is keeping his GPO team super-charged with alternating currents of text sections, but unfortunately Annie (the well-known live wire) was neutralised by falling to earth, whilst Patrick blew a respiratory fuse and is now being serviced. Luckily he's still under guarantee.

Meanwhile, in order to lighten Alan's overload, he's been ordered to take "one and a half assistants", viz Biker Burch and Shakin' Stevens respectively. Rude Boy Flude remains undaunted by his Clash with the Marxists and Theologians, and Simons wet cell is continually processing batteries of soiled ceramics, and high-powered Friedrike & Micro chip Harrison have embarked upon a plant intensive hydro electric scheme.

Flo Rescent

COMING SOON: IN SEARCH OF ROSKAMS

Michael Woods, the well-known character actor and epileptic, goes in search of SP Roskams the enigmatic Dark Age figure who left his mark from Gloucester to Grunwicks, from Clapham to Carthage and from Milk Street to the Magogs. Our intrepid reporter visits the site of the palace in Newgate Street from whence the Emperor issued his most famous decrees, rediscovers a rusting BMW once owned by the imperial personage, and attempts to decipher the 714 volumes of the GPO Gospels written during a historic tea break almost four weeks ago.

DARTS@DARTS@DARTS@DARTS@DARTS@DARTS@DARTS@DARTS@DARTS@

Behind the back comments are never nice. I have heard rumours about my standard of dart playing (re when Jules and I were competing for a place in this years final). Now as you know I'm not one to make excuses or try to place the blame (Peanuts: It's not whether you win or lose, its how you place the blame.) on anybody else; not even myself! The truth you will probably find hard to believe, but I will explain anyway

That Wednesday happened to be the day, ten year after, that my pet mouse passed away to the great mousetrap in the sky. I was very cut up! Also I had a very bad attack of shingles, cramp in my foot, I had not had anything to eat for two weeks, except for the odd peanut I could scrounge. I was very very weak. Oh I'll never forget that awful day. It was 2 games to one for Jules I had to get the double to win, I felt really confident, my arm drew back, the dart was poised firmly between my fingers, my arm flew forward confidently. My fingers began to release the dart when suddenly my little dead mouse came into my thoughts. I missed ... again and again and again.

THE B.O.G. ANSWERS!

WITHOUT CONTRACTS

WE HAVE CREATED A WELLORDERED, OBEDIENT POPULATION.
THERE IS NO CRIME, NO STRIFE:
WE LIVE IN HARMONY-THE PERFECT
SOCIETY!

BETTER THAT
WE PERISH THAN
RETURN TO THE
EVIL WAY OF
-CONTRACTS!

CAN THE DOCTOR MAKE THE B.O.G. SEE SENSE?, WATCH THIS SPACE!

John-John's Swan-Song

Gosh! to think in a few weeks time I'll be an ex-DUA employee; and it only feels like 5 years instead of a few weeks since I began here.

You know, its only at times like this that its possible to look back over a length of time and play 'Spot the changes'. Most people in the Unit assume it seems, that whatever is happening now has always been; very untrue! For instance trig Lane was supervised by a chap called "ark "arrison; a nice enough bloke but very young and he suffered from delusions of granduer which after a year or so allowed his knowledge to be overtaken by Gustav; the twain didan't meet so he buggered off. The GPO site had opened in my first year (75) and characters like andy Boddington and Sal Garfi were in the forfront pushing for the top - they've both gone now. Charles Hill was the field officer and John Schofield had made himself Senior Site Supervisor because of Charles impending I year sabatical to 'write-up' the Riverside Wall. Ed Harris began his crusade for the Matrix and most people thought he was nuts. "What give a cut a number?". Now ofcourse it seems uncanny that such an idea was not thought of (or at least put into practise) years ago.

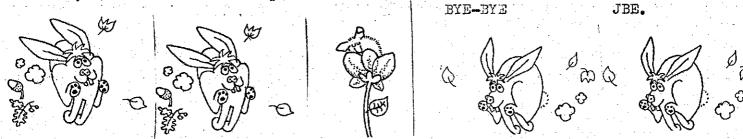
Anon came the 4 metre square planning: first of all several layers on one sheet, then dwindling to one layer per sheet. Cohours were introduced, the experiment ranged from water colour realism to Derwent Series No 19. Context descriptions became more standardised, Hobley applied for more jobs—unsuccessfully. Hilary Kent approached ASTMS to make the DUA unionised. She got the sack the earliest opportunity. The Museum wouldn't recognise ASTMS, only IPCS, initially IPCS wouldn't recognise us but eventually conceded to our wishes. So it was goodbye ASTMS, hello IPCS and goodbye to about £1 per month. Was it worth it? Suppose so!

Do many changes have occured! The Guildhall Museum was no more when it became the Museum of London, then run by Tom Hume; now by his then assistant Max Hebditch. Oh yes, before the opening of the new Museum the offices were around the corner to the present ones; the DUA and its parent were then run from the same place.

Charles resigned, Schofield took over his job, BH stopped applying for other jobs. and decided to bgive 5 years to the DUA.

Steve Roskams joined the DUA, Andy Boddington went to Northampton and management-worker communications went totally to pieces. The JCP scheme began to the cry from BH 'We want pickers and shovellers not thinkers' (his first person was a young black bloke, Albert, a nice fellow but colour prejudice, nearly the next one was Dave Stephens. It became obvious after a while that BH's thoughts had altered because JCP'S were being hand picked and, usually had to have a degree of some sort (maybe a case of keeping up with the Joneses, or other Unit managers). And so things went changing, Steve brushed up the recording system, vacuum cleaners were introduced to suck-up the dirt and the by then obvious hierarchal system caused people to suck-up to the management.

Some things of course haven't changed overthese few years. There are no open-ended contracts, no decent wages, still the threat of redundancies still the threat of budget short-falls, still the DUA hasn't got a permanent home, still a backlog in finds because of the still present shortage of staff still, still waters run deep.



SMALL ADS

STEP INTO THE FIELD OFFICER'S BOOTS! John Schofield is giving away his size 8 Dr Martin's boots, which he received in the first clothing allowance; hardly worn because his feet are size 8½. Since these are Museum property, he gives them free to the first Cinderella (or Prince Charming) with appropriate feet and need. See him as soon as possible.

C14

THE GRAND NATIONAL 1980

Run at Aintree, Liverpool, Saturday, 29th March, at 3.30 p.m.

In horse racing, as in many other walks of life, communication is often a problem. The trainer thinks his horse is going to win; the jockey thinks it is going to win; the owner hopes it is going to win because he has a packet on it. The problem arises because no one has bothered to tell the horse he is going to win. So it follows that the poor animal, being unaware of what is expected of him, regards the Grand National as just another outing. Some years ago an American song, doing the rounds, had the lines:-

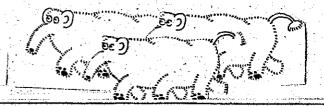
The owner told Clarence (the Clocker)
The Clocker told jockey Magee
The jockey of course passed it on to the horse, and the horse told me.

Please do not remind me that in the pages of this journal last year I tipped four against the field, who started out at three thirty on the Saturday, and did not return until three thirty on the Sunday! If the jockeys and horses can remain united over four and a half miles, jumping thirty-two fences in the process, and given the luck in running, my four against the field have a chance, be it a horses chance, or a dogs chance, who can say.

Godfrey Secundus 33-1 Another Dolly 18-1

Coolishall 33-1 Prince Rock 20-1





PENISULAR HOUSE

Peninsular House has now come to an end . Despite earlier intentions of barricading themselves behind their wheelbarrows and heaving molotov cocktails at the first sign of MacAlpine's shock-troops, the site has at last succumbed to the pressures of international Finance and the imminent arrival of several hundred thousand tons of concrete.

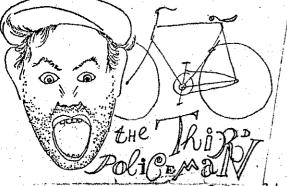
Like the Phoenix, however, Penisular House will rise again. The show may be over but soon - The book of the show! "First Interim "eport". 400 (almost) pages of erudition and wit not to mention imagination with a dash of je-ne-sais-quoi or god-knows-what packed into one exciting volume. Bound in lush green Moroccan Leather, tooled with Artistically Crafted gilt scrolls and thingies printed in large black easily readable letters, purchase of this report will enrich your library and our directors.

Following this, a four hour musical version is being considered, complete with customary hackneyed cliches - 2,000 tapdancing chimney sweeps, 5,000 jolly beggars, 150 mirthful lepers and ofcourse Julie Andrews.

Well, enough of these half-truths, now for some half-lies. P.E.W. (or post excavation work as we in the trade know it) is coming on apace and indeed along. P and N are killing (sorry) finishing off A, while ofcourse D has sorted out E (S only). E(C) and E(N) should have been done by RH and PN but they couldn't face it. And who blames them? D ofcourse is also sorting out anyone who is foolish enough to disagree with him. GM has given up in despair and gone to sort out TL and the W.C.. B is going to burnt as a symbolic offering to the Gang of One in Downing PaTace. If that doesn't bring in more funds we will consider holding BH a hostage and demanding £5 for his release!

Ofcourse it might not work

Pen Pal



CARBON REVIEW

It was with agreat deal of apprehension that I took myself off to "The Third Policeman" at the ICA club - an event in the Sense of Ireland programme. The idea of a novel by Flan O'Brien presented by the Science Fiction Theatre of Liverpool seemed a bit like a Ballyferiter Irish Countrywomens Association 's rendering of Star Wars.

However a sense of Loyalty to both the novel and the Theatre, and ofcourse, an element of curiosity made me risk witnessing the

possible ruination of the one by the other.

As it turned out my fears were unfounded and credit must be given where it is due . Ken Cambells adaptation was consistent with the atmosphere of the novel... and it is here that the worst fault might have been . Yes , the feeling was right which meant that for me the pressure was off . I could sit back and relax and even play 'the hunter in the ditch' as to the minor flaws and nitty grittles of the action . The last scene was undoubtably too rushed and the major denouement of the story that the main character has infact been dead throughout the play. The play could easily be misunderstood - and indeed was , by some (not that this spoiled their enjoyment of the play) . To mistake a dream Journey (infact a sort of hell journey - Author's description) for an average jaunt through the Irish Countryside is , I must say , attributing more than their fair share of perculiarities and absurdities to the population of the Green Ireland . The fact that twenty years in worldly terms has passed during our heroes three days adventures was not at all clear . It was rather pointless showing his accomplice Divney as a well settled married man complete with heavily pregnant wife at the end when he had never been shown otherwise . Neither was it made clear that Divney actually suffers a heart attack and dies from the shock of seeing his old partner in crime and that he then finds himself in this hell world, which is nothing more than an exact repetition of the first . This time two of them travel the road of the crazy policemen whose obsessions range from the the prevention of excessive exchange of atoms between humans and bicycles, the manufacture of beautifully carved chest each one containing one exactly similar getting smaller and smaller and smaller and the last number of which are completely invisible, and to the hanging of innocent men , just to please the 'inspector'

My other main criticism of this adaption was a sin of ommision rather than content. I feel there should have been a lot more narrative on the antics od De Selby,

'Scientist Extraordinaire' which are contained in a series of lengthy and completely absurd footnotes throughout the book. Ansattempt was made to include or at least acknowledge these footnotes but the De Selby Character was never mentioned and the one or two passages used were simply not enough to do the idea justice. The Play therefore while containing the obvious and winning episodes lacked a lot of the subleties intended by the author.

Nevertheless the acting was just about flawless. Mitch Davies, as the hero was excellent showing every aspect of the horror of his experience in his face. the accents were consistently good and the twisted perspective of the sets and props together with the weird and cacophonous sound effects-complete with bicycle percussion - maintained a sense of mystery and fear which gave us that necessary hint of the supernatural and kept us wandering.

conundrum of the first order this Atomic Theory, this passing of the atoms of yer man to the bike and of the bike to yer man, till yer man's half bike and the bike's half man .Sure it could be true_but then meself would be half man and half typew owijijeif jr 89))(&__ clickety clickety ping.

STOP TAKING OUR PAST

The campaign against the plundering of Britain's past



is a national campaign promoted by the following major organisations who are concerned that the growing use of metal detectors is having a serious and detrimental effect on the archaeological landscape and the national heritage.

was founded in 1979 in order to bring to the attention of the general public, politicians, local authorities, landowners, schools and metal-detector users themselves the inherent dangers of this 'hobby'.

STOP is actively supported by:

THE ASSOCIATION OF COUNTY ARCHAEOLOGICAL OFFICERS — the body which represents archaeologists employed by

THE COUNCIL FOR BRITISH ARCHAEOLOGY - the representative body for British archaeology, comprising local and national societies. professional units, museums and universities.

THE MUSEUMS ASSOCIATION — the body representing the interests of local and national museums

RESCUE, THE BRITISH ARCHAEOLOGICAL TRUST — an independent Trust concerned with the safeguarding of the archaeological environ-4000

THE STANDING CONFERENCE OF UNIT MANAGERS—the association of professional archaeology unit directors.

THE SOCIETY OF MUSEUM ARCHAEOLO-CISTS — representing archaeologists working within museums

THE UNITED KINGDOM INSTITUTE FOR CONSERVATION—representing all those concerned with the conservation of objects in museums, units, Trusts and universities

YOUNG RESCUE - for children aged 9-16 who are interested in archaeology

in fact STOP is supported by all those people, armateurs and professionals, concerned with the excavation, preservation, interpretation and display of material remains.

believes that treasure hunting constitutes a great, threat to the country's archaeological heritage, and is thus contrary to the national interest. The concept of treasure hunting is totally at variance with the objectives and practices of archaeology in studying and safeguarding our tangible past for the good of present and future generations,



WHY STOP?

One of Britain's richest assets is its heritage. Known, archaeological suits are not simply osses of antiquity in an archaeological desert, but represent a much more extensive archaeological desert, but represent a much more extensive can rarely assure a treasure hunter that a particular area is archaeologically safe. As a result, the growth of industriminate ireasure hunter that a particular area is archaeologically safe. As a result, the growth of industriminate ireasure hunter plants a threat to our past. There have been other threats, as for example in the early 1970s when large combers of archaeological sites, were destroyed subject records by mining, urban development, and the strength of the property of the public indensities and all differences are now destroying their own past.

Only edicutation and improved public awareness can remove this threat. At root it is a sornal problem which can only be cured by the public useffers and in the public understanding it frough the media, in museums, in schools, through local authorities and landowners. Already several local authorities are responded by prohibing the use of metal detectors on their land, and the campaign bast he support of she Ascociation of Distrect Councis.

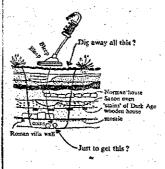
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TREASURE HUNTING AND THE LAW

WHY STOP?

A HOBBY?

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DAMAGE

Archaeologicatistes, part of the national heritage, have been tentacked across the country. Treasure hunters have damaged sites protected by law and even some little which were in the process of excavation.

At the scheduled Roman site of Mildenbert.

ation, site of Mildenhall, Wiltshire, a

evidence, including particles and the remains of not one, but two jumpled interests which are the country, including exported from many parts of the country, including reported from many parts of the country, including the property of the country, including the particle from the country and the country and the manufacture and the country as a considerable from the country as a considerable from the country as a considerable from the country and the country as a considerable from the country and the country as a country as a

THE PURPOSE OF ARCHAEOLOGY

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Any comments? Especially bearin mind the tension between the two sides orry about the small print .

We would like to thank you all for the expressions of support you so overwhelmingly gave us last issue on the 2 articles which by all accounts were not really appraciated by the management. We think that this support pinpoints the role of Radio Carbon in expressing staff feeling in a way that cannot be done in any other Forum .

We do spend a fair amount of time listening to staff's informal comments, and are sure we express widely held views. But it is becomming increasingly clear that management tends to see this in a more personal light . Therefore we would like to start holding Radio Carbon Meetings to discuss the views reported in Radio Carbon

We do also try to commision articles from people to balance our coverage, but sometimes this does not work as our invitations are declined. This was infact the case this month , when we received 2 refusals , both on the subject of the Board of Governors, one from Senior Management and the other from a member of the Board itself. So it is really no wonder that we have a prejudice view of the B.O.G.

KAYSERI . QUE SERA . SERA

In October 1973 I took a fortnight package tour to Istanbul. This one flew me there and provided a hotel quite cheaply, but like most packages the Big Sell is the exorbitant price of excursions once you are there.

On the first day I took an Internal flight at Turkish Airlines Istanbul office for the day after next. During the next two days I visited the huge Blue Mosque, the Yeri Batan underground cisterns, built about 1000 years ago to store fresh water when the Byzantine City was under siege etc.

The flight from Istanbul to Kayseri took me about 400 miles into the Anotolian Massif . Soon after take off the plane flew through a violent electrical storm . A thunderbolt exploded a few yards from us . Although it is not dangerous (a TWA jet was struck by lightning recently and no damages or injuries sustained) I exclaimed in surprise 'Kerr...ist!' . As all the other passengers were Turks , and presumably , Moslems perhaps they thought I was praying for divine intercession .

I visited several Nosques and other monuments in Kayseri such as the ruins of the ancient Byzantine town walls and bastions, and the Seljuk (the first Turkish dynasty - before the Ottomans) Castle.

I travelled on a Dolmus bus to Nevsehir. In Turkish 'Dolmus' means 'stuffed' and they cram in as many passengers as it will hold. When all the fixed seats are occupied the driver produces stools for extra customers and departure time is when its completely full, not before.

Most of the 80 km. journey was through the Cappodocian desert. By world standards it is small, but it is a rocky desert, the scenery is spectacular and rocks have numerous colours. The Dolmus passed Lake Tug salt flats and several of the curious flat topped mountains called Mezas.

Nevsehir is the centre of a 'Villayet' - the Turkish version of a departement and it clusters around a steep conical hill surmounted by an early post-medieval fortress. I also visited the small local Museum. Luckily Turkish is written in Latin Letters, not Arabic so Hittite is HITTITE.

I caught the Dolmus to Kayseri and next day travelled to Goreme where Xian Monks had carved out dwellings in the wierdly eroded soft Tufa stone. The main road runs near the site, but I asked the driver to drop me off st a motel and I walked the last mile.

On the way back to Kayseri I stopped off at Urgup where more 'cavelets' had been hollowed out. Most were now used as tool sheds and animal shelters but originally they too were dwellings. The road back to Kayseri runs parmallel to the railroad tracks, for some miles we raced an old steam engine, sparks and small flames flaring from its firebox and chimney. In the gathering dusk, with 16,000 ft Mt. Argus in the background, it was most impressive.

I flew back to Istanbul for a few more days . I went on one of the old steam reciprocating boats up the Bosphorus for 10p (the travel company charge £5 for a motor launch) to the Roumeli Hissar Fortress . The largest of its 3 donjons is the huge Tower over 100ft high . Epart from some heightening by the Turks following the 1453 final conquest it was built about 1070 A.D. by the Byzantines . A party of American Tourists were wandering around . After a few minutes the guide blew his whistle and shouted Deveryone back to Britain'

On the plane back to Britain I realised how nice it was not to be 'rounded up' by a sheep dog .

LLEGSCS NOMIS .



"A WORD FOR THE VIKINGS"

("The Times", Saturday, 23rd Feb., 1980)

Perhaps the Vikings did not destroy the York Library books but just took them home to read."

POETIC LARCENCE

Margie Blue, Maggie Blue, sits at number ten;
Maggie Blue, Maggie Blue, with her band of men;
steals from the poor, gives to the rich, silly bitch.

E.J.Carbon

C14: Once again we have been presented with an inflationary Budget showing a persistence of the disgusting tory economic policies, whereby the working class are forced to suffer at the hands of the wealthy. Inflation has doubled in the last year, and will be allowed to remain at a staggering 19%. The 49p rise to the single person by the abolishment of the 25% threshold does not signify a cut in tax, but instead, a real increase in tax to the lower paid since the tories took power. The deflationary budget continued its attack on basic public services, including a 400% increase in N.H.S. prescription charges since 1979, further the principle of the demining

Health Service, and increasing the burden on the poor. In real terms, child benefit has been cut by 80%, and their schooling has been allowed to continue its decline. Haven't we had enough? Are you still going to sit back and allow our standards to decline. The country is going to the rich, and with it goes Archaeology, back to the days of Pitt-Rivers. THINK... and find ways to fight back, it is up to everybody, we are all suffering from this Government. Even Maggies own members have no faith in her policies, they said so in Parliament but voted for their jobs, it is now forthe people to decide...

C14: EB 218 Bucklesbury House. Timber lined well to the south of the Temple site, uncovered and cut into by an unescorted boy. The well contained little of any importance save for an iron arrowhead and a wooden bucket. The latter was damaged by the boy, but sufficient remains for a reconstruction to be achieved. 3rd - 4th Century.

ER 222 Bucklesbury House. Small timber lined well 'excavated' by unescorted boy with a coal hanmer as his principal instrument. The deposit can not be considered of any value.

Peter Marsden then went on to play a major part in the excavating of the City; providing a skeleton upon which the Unit has built...from small beginings...

C14: Ex DUAer Graham Cadman has for some time been in charge of the excavation of Raunds. Andy Bodington meanwhile moved on to University last September.

C14: A year ago we asked why we had not been allowed seminars by eminant Archaeologists as we had been recieving a year previous. We were told that plans were already in motion for a continuation of this important service. Since then we have seen nothing, so once again we make an appeal for a reincarnation of the admirable supply which the DUA was administering until recently.

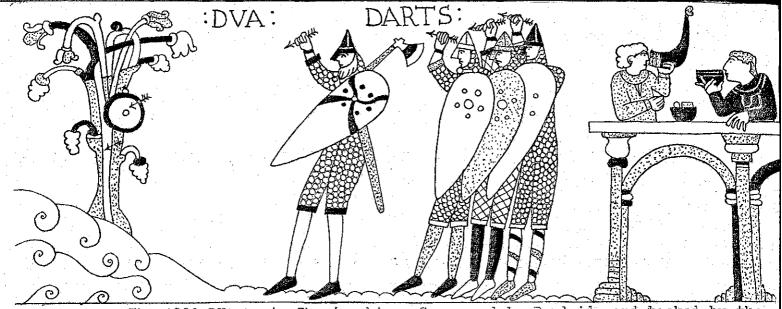
For Graham Larksbey in S. Wales we publish an interesting snippet as an accompaniment to his excellent serial for which we express our heart felt thanks and beer soaked gratitude...

FROM COTTAGE ECONOMY by William Cobbett. First published 1821

I view tea drinking as a destroyer of health, an enfeebler of the frame, an engenderer of effeminacy and laziness, a debaucher of youth and a maker of misery for old age.

In the fifteen bushels of malt, which make 274 gallons of good beer, there are 570 pounds weight of sweet, that is to say, of nutritious matter, unmixed with anything injurious to health. In the 730 tea messes of the year there are 54 pounds of sweet in the sugar, and about 30 pounds of matter equal to sugar in the milk. Here are eighty-four pounds instead of five hundred and seventy, and even the good effect of these eighty-four pounds is more than over-balanced by the corrosive, gnawing and poisonous powers of the tea.

It is impossible for any one to deny the truth of this statement.



The 1980 DU/ Parts Chamionship, Sponsored by Bandaid and backed by the International Olympic Committee, the final was played at the international venue. *Upstairs in the Globe* on March 20th.

Despite making an official draw, one night in t'Pepys, organisation proved futile where the DUA sporting crowd were concerned. Eleventh hour entries from Peter Cardiff and Alison B.L., as well as fixture clases turned the draw inside out.

'The Globe' 29 Feb 1960 First Round Clare chased Mark all the way but went out 0:2. Friederike (one of the international stars) and Mike (who isn't) staged a mark than match. Mike staggered out a 2:0 winner. Dave 'Can anyone take my darts out.', dashed poor Annie's hopes 2:1. Don fought toothe and nail, against when and lost both 1:2.

alison 'Is this real? I must be drunk!' almost knocked out Dave but lost 2:1.

Quater Final Peter anxious to keep going while his luck held played wave and crawled through to the semis 2:1.

"The Samuel Pepyps" 5 March . First Round . Hester and Jon V. Price made sparks fly , Hester winning 2:0 . Pete 'Spearchucker' from over the water, regained conclousness just in time to stem Kevin's winning streak . 2:1 .

"The Globe" 6 March. First Round . Jon Jon , defendin Champion , saw ouf the challen e of Louise 2:0

Second Round Chris (Louise's little triend), being stateless didn't win my sympathy from Simon losing 0:2.

"The Globe" 7th March. Second Round. Henk(another star from the continent) played well but still lost to J J 0:2. Derek gave a perfect example of how not to start and vent out 0:2 to Mark.

Quater Final. Mark then took on J J but sunk 1:2.
"The Globe" 12 March. First Round. Jenny kept I in waiting for him to win 2:0

Second Round . Penny couldn't stop Ian from repeating a 2:0 score .

Quater Final . Simon however finished the last game on 114 to beat Ian 2:1 .

"The Globe" 14 March . Semi-Final . Simon arrived with surporters , but was overtaken by a very confident Peter 3:2.

"The Pepyps" 19th March . Hester had a walk-over when Patrick retired to to Guys Rospital , injured before their second round match .

Quater -Final . Hester scored a white-wash in one game but lost 1:2 to a determined Julie .

Jon Jon could't hit the right scores and super cool Julie shot on to a 3:1 Victory.

The final played early in the evening, to get it over and done with at the players request, was not the pairing originally thought possible.

Julie reached the final without even being aware her name was down in the

DARTS CONTINUED .

on the first place .Peter had ret off entering while his job was unsettled.

On the night Peter was 'too confident and secure to let anything slip and ran away with a 4:0 win though Julie wasn't white-washed in any games.

Gentleman Peter, then bought all the officials and his opportent a drink, hic! Well he did win a fiver!

MFB.

The DUA beat the Institute ;- Away 10:2 + the beerleg . (at Darts;
Home 5:3 " " " ...

DIGGING IN AFGHANISTAN



COMPETITIONS

Free Digging Holiday: All you have to do is, in less than 20 words, describe the expanding horizons of Russian Afghan Archaeologists, starting I love digging in

Competition No 2. Be the First to enter a Radio Carbon competion.

Competition No 3. Count the number of deliberate spellinge mistakes in this Months Radio Carbon. First Prize: Correct all the Spelling Mistakes in all the Radio Carbons. Bonus marks for Grammatical Errors and Clumsy Expressions.

SINGLETON

John would like to remind you all of the Coach trip to Singleton and Porchester on Sun 13th April. If you haven't been there its well worth the effort.

Union Matters

We need nominations for Union Reps for all subsections in the DUA, as the Annual General Meeting requires the election of reps in the near future. Nominations please on a piece of paper with a proposer and seconder.

Derek is continuing to deal with the preparation of a legal case for our contracts. Letters are being sent to our Museum Unions to canvas their support for the proposal for elected staff representatives on the Board of Governors. The committee discussed the IPCS report on the structuring of staff in Museums. This is the document on which we hope to use as a comparison to end the disparity in pay between ourselves and the National Museums.

A DUA sub-committee discussed the subjects of Substitution Pay and Responsibilty Pay. A report is in preparation suggesting ways to organise such a system. For Substitution Pay the corporation requires that the applicant performs all the functions of the absent Superior, and apparently the Museum was very reluctant to help Museum Staff in this way, when 2 people were eligible. Eventually they did get the Pay though.

RADIO CARBON was produced and directed by Stanley Baldwin (once which in a Railway Carriage Britains answer to Calwin Coolidge — he'd Dead ,? I never know he was alive! was recognised by a man who said You are Baldwin aren't you? Pleased to be recognised Baldwin smiled. The stranger continued Venables — 4th form Winchester, Remember? Tell me Baldwin what are you up to these days?") Aided and abetted by KPF with FR. Contributions from DT JAS JBE ABL (who we thank for their past contributions to RC, Goodluck) JP JM PR AC 5G JH PenPal VdH MdH JB(Royal Stuart has an outside Chance) Artwork by CU MdH JP 2000AD Dr Who Weekly Pop Arch and those wonderful photos by Richard Harris, neighbour to DG MR JM and RH (have a nice time in the USA)



"You mean the war's finally over?"

BALLOON DEBATE - a thoroughly biased view

Where were you all then? You missed a very entertaining evening debate on Philosophies of Archaeology and History, which saw Kevin, Derek, John Price, and Dom fight for their places in a leaking hotair Balloon by the persuasiveness of their argument. Unfortunately before take off, the wires of the Balloon were slightly crossed as Dom and John seemed to be discussing justifications of archaeology while Derek and Kevin were discussing a philosophical framework within which to interpret Archaeology.

Be that as it may it was still fun . Dom argued that as Archaeology is not a cost effective method of learning about human society and that as pain and pleasure are the only true 'values' we should study archaeology with no illusions beyond our enjoyment of it .

Derek (says he spitefully) ran one quote from Marx or was it Engels with a verbatum precis of 'Archaeology in Britain - a Marxist View' by L.S.Klein and proved that the (unfortunately) logical outcome of state marxism is the loss of originality! He did however read it very well! (That'll serve you right for beating me!)

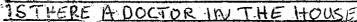
John Frice was very funny and he sure needed to be arguing as he did that the basis of Archaeology is the religious, manifested as it is in the Symbol of the Trowel, the Obeisance to Harris the Great Matrix, and the Daily Reaffirmation of Faith in the filling out of the Context sheet (OH Mighty Dark Grey Silt with Freq Flecks of etc)

Kevin(having been beastly to Derek, I'm afraid I'll have to be honest) seemed to me to have presented his case abysmally. He was trying to hold the middle view of an agnostic, antidogmatic liberal interpetation of History, viz that liberty vied with Power to be the major theme of society. It wasn't very funny (at least not intentionally!)

So at last the moment came when , backs to the audience with bated breath , the 4 awaited the decisions . Who was to be was to be thrown of the Balloon to be dashed to the ground, all to save the leaking Balloon from final disaster. The addience (quite rightly) decided that Kevin had to go (ROTTON BEASTLY LOT: Just cos it was all way above your heads! Who organised it all then AAAARRHRRRGGGGGGHHHH! SPLAT)

Derek then retrieved his stock of credibility (at least to the cognoscenti) by answering very well, all the questions put to him, in an authoritative way. So as the Balloon continued to sink despite the Hotair, it had to be the Pleasure seeker who was thrown over board. Hopefully he resolved successfully the conflicting truth of the pleasure of the descent with the pain of the arrival:

Cnly Two left and still the combined omnipotencies of Marx and God (in the Pantheistic sense) couldn't stop the descent of the Balloon! Somewhat inevitably though God won lecause Marx has already proved his mortality by his long sejourn in Highgate Cemetery. God is Bternal so it was fitting that the Godly John Price floated skyward to the Heavenly Research Excavation in the sky.



The London Hospitals are repaying the DUA for its reinvention of Hospital Archaeology, by playing Host to 3 Urbarchs and 1 ex-arch. Patrick, Annie and Amanda all paid visits for assorted injuries and ailments. Patrick reports that he is sorry but he is still a walking wounded, having trouble with breathlessness and tiredness, after his collapsed lung. Annie has been seen back at work without that fashionable many shoe. Is Prince Charming around with the other that apparently broke her nose, thats what comes of being out of this world on the Forbidden Planet.

Poor old Richard got run over by a lorry and has been sent to St Barts to finish the Finds Backlog. He did have some rather nasty injuries but seems to have made an astonishing recovery Get Well Soon, You all.



inevitably thoug long sejourn in the Godly John P sky