

Radio Carbon

THE SAFETYMAN!!
COMETH!!

APPROVED BY THE
HEALTH &
SAFETY
COMM. CODE

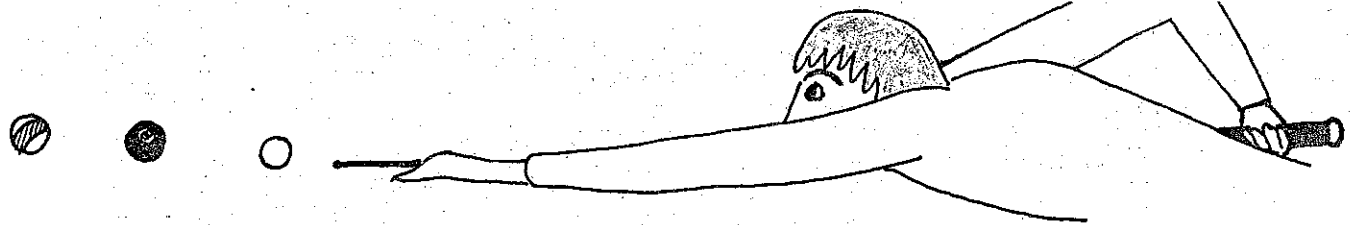


"MAY YOUR BAULK
SLUMP, CURSED ONE!

CAN SAFETYMAN DEFEAT THE TWIN EVILS
OF GENERAL LETH ARGY AND THE
DREADED ONE HIMSELF
IGNOR ANCE ?!

INSIDE: FREE
SOUTHARK
SUPPLEMENT

PROGRAMS
MAY '80



BEHIND THE 8 BALL

Huddled into the Poolroom at the Globe a crowd of old/new DUA staff , sweat out a series of head to head pool games , all in pursuit of the coveted DUA title.

Due to editorial Controls , you will have to wait until next time for a fuller, on location , all action report . Here is the list of those who haven't come up to scratch this year .

- Dave S, lost to Lez , Jenny to Julie , and Jon V.P. to Derek
- Alison lost to Ian , Dom to Mark , and Penny to Brian P.
- Marietta lost to Barbara s. , Vanessa to Barbara W. and Kevin to Mike M.F.B.

(And next time I suggest an idea: I at least expect a bye in the first round and an easy match in the second round - else I won't let you write in Radio Carbon again! so there! And anyway the table was sloping and I'M sure that Mike was on them Pills what help Hurricane Higgins - Ed)

Radio Carbon oddments

A call for a new heritage walkway along the line of the remains of the Roman and mediaeval City wall, has come from the man who heads the City's digs.

Mr Brian Hobley, Head of the Museum of London's Department of Urban Archaeology, making his plea, as part of the annual Lionel Denny Lecture told an audience of 200 at the museum on Shakespeare's birthday, April 23, that the cost of such a project would be modest by comparison with the City Corporation's annual budget.

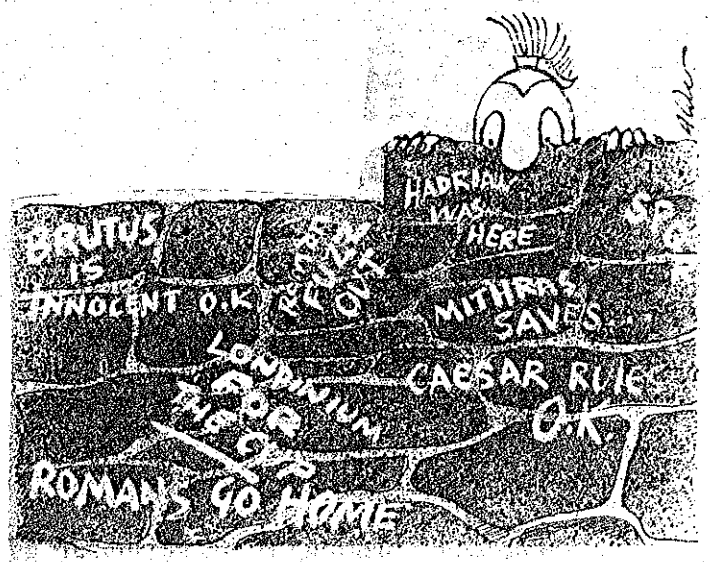
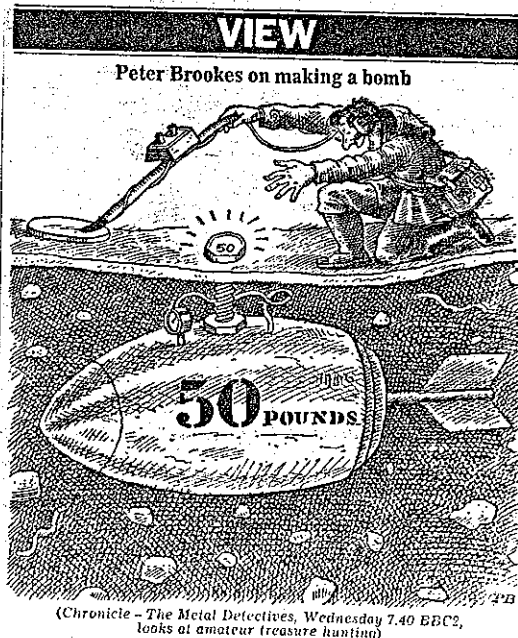
MISPRINTS OR WHO WROTE WHAT -- a recent article by BH in Roman Frontier Studies

21. MILITARY CONSIDERATIONS IN THE LOWER THAMES VALLEY DURING THE A.D. 43 CAMPAIGN AND THEIR RELEVANCE TO THE ORIGINS OF LONDINIUM

Brian Hobley

ACKNOWLEDGEMENTS

Important assistance given by colleagues in the preparation of this paper by Tony Dyson is acknowledged and guidance on several points by Dr. Hugh Chapman. Thanks are due to the Southwark and Lambeth Archaeological Project for permission to use Fig. 21.1.



The Site Assistant as Manager

Or (this may sound patronising but it isn't)

Some reflections on
POM

by John Schofield

It was August. The POM excavation had six weeks to run, and they were still in the first of the three major stratigraphic periods. The change-over of supervisors to the second stage should have been weeks ago. 'Right', I said, 'what are you going to do?'

There were six blank faces. My God, I thought, what have I got myself into...

I think it is important, when assessing anything, to remember all the failures as well as the successes, because only then can we make a fair judgment about whether such an experiment should be repeated or become accepted practice. It is clear, now, that the Pompeians, in the words of one of their staff, 'muddled through' quite well. The first Level III report, by Clare Midgley, is now finished and sits on my desk as defiant testimony to hard work, intelligent archaeological craft which is the envy of the country and sheer speed. I have no doubt the other reports will be as good. But that is not quite the question. The question really is, Did they do it better than a single supervisor?

Let us list some of the negatives. Apart from early work by Derek, the public relations could have been better. There were over-lengthy discussions on the merits of photography and probably on other matters. The site quickly divided into two halves (I know it was two halves, but the division was over-exact) which rarely made contact. After initial agreement on roles there was often a lack of perseverance with those roles. There was a widespread feeling, surprising in a team effort, that keeping each other up to the mark was not the individual's role. Thus there was a natural pace of work which was geared to the speed of recording rather than the objective of a finite deadline. As the opponents of the idea would say, there was no central drive or dominant personality.

I think that, perhaps with less in the team, all these problems can be overcome. I know that we have produced six good supervisors who will take on small or medium sites by themselves. But some basic re-thinking will have to be done, by Site Assistants as well as by those labelled "the management".

Site supervisors are managers. They are responsible for the work of others; on site they work with a specific resource, people. The manager sets objectives, organises the work, motivates the people, measures their output and develops his staff and himself. He (and she) must communicate, make decisions under conditions of uncertainty, and plan. Management is not the application of common sense or leadership.

To make an enterprise out of people, it is not enough to put them together in logical order and throw the switch. The logic of human beings is not the logic of work. The manager must change the resources into something better than all the resources merely stacked together. The site supervisor, as manager, cannot take refuge in his specialism - his duty to the soil - since his duty is not to his technical or professional skill, but to the organisation.

The most important difference between supervisor and digger is that the former makes decisions which are more risky. The word risk is said to mean 'earning one's daily bread' in the original Arabic. It is through risk-taking that archaeology, like business, earns its daily bread. The supervisor has the increased responsibility of making the correct (or the relatively more correct) decisions about the future work of his staff and volunteers. Integrity rather than genius is the basic requirement.

I think we should pay supervisors the proper rate for the job. But I also think that Site Assistants who take on, however temporarily, the role of supervisor, should accept that in that role they become managers. That means they must think beyond themselves, beyond the site, to direct the efforts of themselves and of others in their care to whatever it is our business is.

state service

Journal of the Institution of Professional Civil Servants

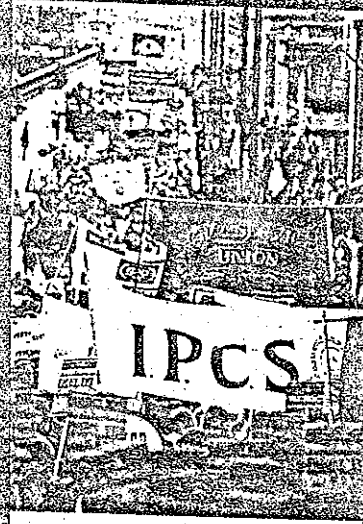
Vol. 60
May
1980

Inside:
Annual Conference agenda

Incomes policy and pensions

Unified grading

The new team

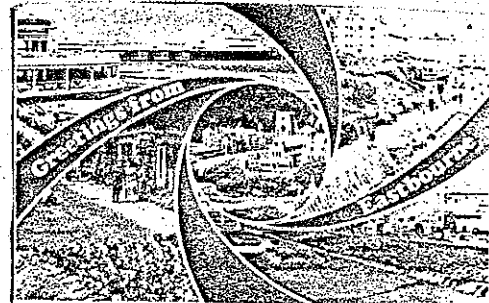


IPCS on the march (see also page 145).
— Photo: Andrew Wield (Report)

TUC demonstration



The Institution took part in the TUC organised demonstration against the cuts and the Employment Bill on 9 March, when a goodly number of IPCS members marched from Hyde Park to Trafalgar Square rally. Our picture shows members of the London Museum Branch.



GREETINGS FROM EASTBOURNE IPCS ANNUAL DELEGATE CONFERENCE

IMAGINE THE SCENE- clean clinical Eastbourne on a Sunny windy day - no litter blowing around, none of the dregs of society you are wont to see in London just stolid senior citizens - the backbone of the British Empire . And somehow its the right place for the IPCS conference whose members consider themselves the elite of the Civil Service - fair minded people without a trace of a radical heart . I felt somewhat ashamed I suppose at first at the decision on the 1st day of conference not to support the Day of Action because if a civil service Union won't fight when so directly affected then who will ? After all for us the Day of Action was not political but a direct response to the Government's policy which affects our members Pay and Conditions . On reflection however the decision was not as catclismic as it seemed and in a pervers way it was stimulating seeing Trade Unionists taking such an unconventional line in relation to their peers, though I still thing they were a load of complacent idiots !

A sense of proportion was resumed on the Tuesday when the General Secretary Bill McCall speaking on behalf of the Executive (NEC) told conferece that they would regret yesterday's decision and reported that as HQ staff were in a different Union Apex, which had the sense to support the Day of Action , Conference would have to adjy. rn for 2 hours on the 14th as Apex were marching on the Eastbourne Trades Council So in the end 350 out of c 500 delegates marched as 'Friends of Apex' on the Trades Council Demo .

A whole host of other issues were discussed . Black Monday alos saw the Delegates vote to stop the Nec supporting social and Political activity other than that specifically voted upon by members of IPCS . This went hand in glove with the defeat of a motion supporting the Nec in their participation on behalf of IPCS in the anti-Corrie Bill Demos . However a series of motions completely tying the Nec down to Pay and Conditions were defeated infavour of the above motion .



The unifying speech of Bill McCall also enabled the Conference to reject any proposal to withdraw from the TUC or even to weigh up its cost /support / etc, and combined with the self interest of the right wing in relation to pay negotiations enabled the passing of a series of motions to put teeth into IPCS's negotiating position. This were a substantial increase in subscriptions , a policy on militant action and the defeat of proposals demanding a 2/3 majority in favour of strike action . Ipsc has now girded its loins to deal with the Civil Service Department (CSD) which is apparently the Devil Incarnate , and really seems to have a disgusting record as far as honesty and integrity go . Everyone was unanimous that IPCS was being made to pay for its moderation .

The best speech was undoubtedly from a Delegate from the dreaded CSD itself -paradoxically in IPCS itself! His name was Micky Finn whos spoke against the proposals on militant action

"I must speak against this proposal as I have been mandated so to do by my branch .(Hisses from the audience) . The Csd is against this because it will turn a docile Union into a fully effective one and this my department do not want. (Cheers and laughter from the audience) I urge you to keep IPCS emasculated!"

There was little further debate and the motion was passed. Lord knows how he explains himself to his Branch .

From the Museum of London's point of view the conference was a success because there was a lot of interest in our branch . Headquarters staff at IPCS in particular seemed pleased with our branch - especially as they felt beleagued in the right wing atmosphere . They praised us for our support for the One Day strike last year , the motions were presented , and the support we mustered for the March on March 9th . We now have a good reputation in Ipsc and as such have a stock of goodwill in the Bank which we will be able to call on as and when we need it . Purely from a self interested viewpoint the actions we have taken so far have been vindicated . Our motions did not get discussed because of the lack of time but this means they will be remitted for discussion by the NEC , and will have possibly a better chance of adoption . All in all a very interesting and rewarding experience .

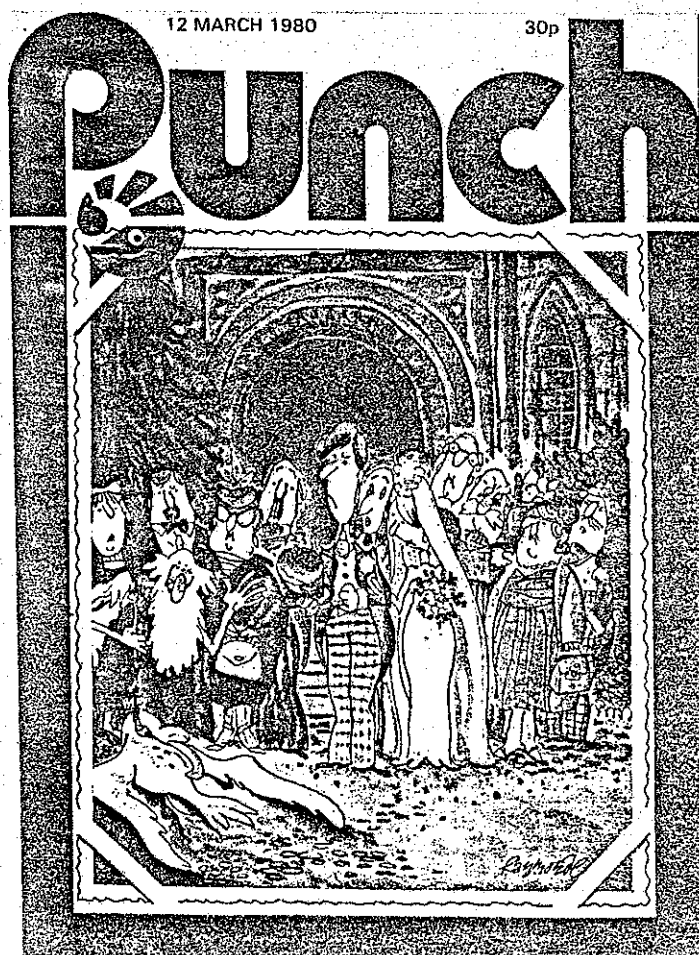
KPF

A NEW VOLUNTEER POSTER?

COINCIDENCES-REMEMBER THE MAN WITH THE ALBATROSS RAPPED ROUND HIS NECK?



VOLUNTEERS



FROM BEYOND THE GRAVE

On the off chance that you hadn't forgotten your long lost ex dogsbody A.B.L. I thought I would take the liberty of writing you a brief resume of my activities of the last 7 weeks. Yes folks this is the extraordinary length of time that you have managed to survive without me.

I lasted an incredible 6 weeks with RAT cc in the Barbican, my erstwhile employers before I decided that the job was not all it had been cracked up to be and despite a moderate £80.00 per week IN CASH at the end of the week, I decided that I was bored out of my skull and am now thankfully unemployed. I mean... one had to be there by 8.30 a.m. my dears, can you imagine !!?

I reckon being unemployed is the best thing that has happened to me since sliced canteen lunch, a couple of part time jobs (receptioning 2 days, babysitting 2 afternoons), to keep the wolf from the door and the rest of the time is your own afternoon T.V., sunbathing on the roof, film matinees, the lot. On a slightly more serious note I have applied for a couple of jobs (see next month, same time same channel for the results) as the situation shall only retain its charms as long as the money lasts. Well the Pils and smokes have got to come from somewhere.

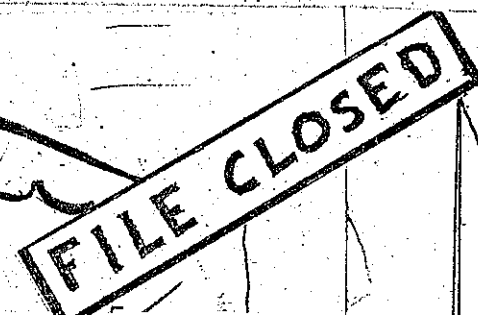
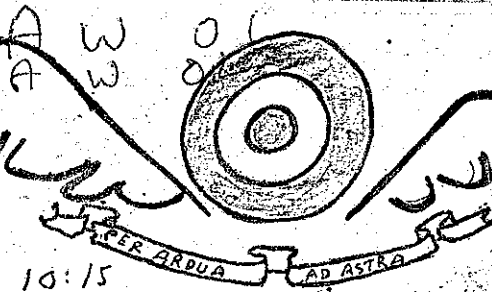
Yours Ever,

A.B.L.

20 Thu
21 Fri

4 The Flow

Wed 30

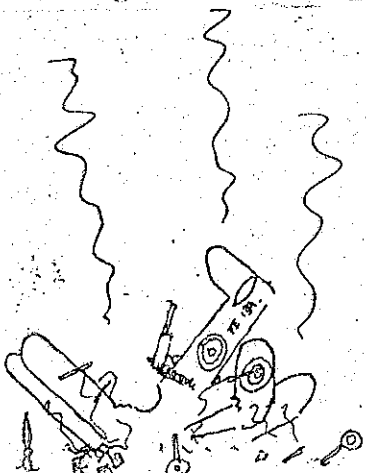


Missing : PRESUMED DEAD. SHOT DOWN IN ACTION

RAF Basinghall: 09.00 hrs. May 31st. We are delighted to report the successful escape and return of Wing Commander 'Biggles' D.H. Evans from his recent captivity at the hands of Baron Gustavous Milne and his Gang of Fear. The Wing Commander's experiences in the face of the enemy, have left him incapable of speed as well as work. The Wingco has taken off for airfields new and all here at RAF Basinghall wish him the best of British (as in engineering).

Meanwhile all involved in Operation Pen House have continued their stirring effort Briefs have been watched, saxon roads swept, and a roman key, (c.7m. long, some door eh!) has unlocked the secrets of early London. Several dumps have been spotted, including the one we're working in. Some of these were on the key, others were off key like the Pen House choir, P.C. (who is no choirboy), N.B (who isn't anything much at all) and D.B. (who is omniscient), have elected Ms C.M. as their Pen-House Pin up of the month. C.M. no longer speaks to them: G.M. has given up speaking to any of us and wants to go on a long holiday.

N.B.



TOUR DE SOMEWHERE IN THE SOUTH

The Naturist down at Trig have been thinking of organising a DUA cycle ride towards the Sun - although arrangements are in an advanced stage of preparation we don't yet know, where, when or why, but we will be going by bike and will be stopping at lots of watering holes! Anyone interested should keep their ears to the ground, - preferably while dismounted - or get in touch with Baingner Extraordinaire Annie Upsom. Annie will also be checking our Bike Hire shops for those silly enough not to own a bike.

SOUTHWARK - OR BRIDGE OVER MURKY WATERS- IN WHICH RADIO CARBON
BRINGS NEWS FROM ACROSS THE RIVER BY RC FOREIGN CORRESPONDENT MIKE HAMMERSON

The most discouraging aspect of working in Southwark is finding out how few people have actually heard of it: "no, not Suffolk; Su-TH-erk". We would be the first to admit, though, that in the public mind we are rather overshadowed by the City. Neither the traditions of Bermondsey Abbey, the Bishops' palaces and the medieval stews, the copious records of Roman remains carted off to the lime-kilns in the 19th century, Kenyon's excavations in the 1940's nor Marsden's in the 1960's - including his Guy's Hospital Roman Barge - succeeded in convincing mankind in general, or science in particular, that Southwark was an area of high archaeological potential. It is only from the Unit's work over the past decade that the area has achieved respectability and a claim to be designated an "Archaeological Area". In the meantime, we eagerly await the day when somebody 'up there' remembers to designate a few Archaeological Areas.



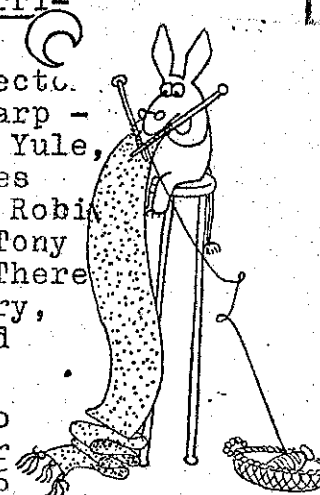
The Unit was formally set up in 1972 with the appointment of Harvey Sheldon as Field Officer, although work first started in 1970 with minimal finance. However, current research, based on C-14 dates from the lowest ash deposits in Harvey's pipe, indicate an earlier, nomadic origin for the group (see Fig.1). The earliest traces of its activity have been found at the Highgate Woods Roman Pottery kilns, where itinerant archaeologists appear to have worked sporadically from 1966 to 1970, although by 1969 migration eastward to the Roman settlement at Old Ford, E.3, seems to have taken place.

Old Ford seems to have been finally abandoned by 1972, but it was in 1970 that the first wave of a major invasion across the Thames landed on Hay's Wharf, securing the Bridgehead for the main migration which followed. Further expansion in 1977 brought Lambeth within the Unit's territorium.

We now have 11 full-time staff, three of whom - Director Harvey Sheldon, Eric Ferretti, and photographer John Earp - are original fixtures. Four more - Laura Schaaf, Brian Yule, George Dennis and Mike Hammerson - have served sentences of from 5 to 8 years, and the remainder - Martin Dean, Robin Densem, environmentalist Alison Agnew and conservator Tony MacKenna - are newcomers of only 2-3 years' standing. There are also three short-term contract staff - Sonia Jeffery, Dave Beard and Derek Seely - who have already completed several short-term contracts with us.

Staff turnover is very low - only 6 have left us, so farewell celebrations at the Wheatsheaf are few and far between, however, with an average age of about 35 or 36 a truly geriatric unit - we may be able to look forward to a few wakes there soon.

The historic core of Southwark - the built-up part of the Roman and Medieval settlement, exclusive of cemeteries, etc. - covers about 30 acres, considerably smaller than the City but a healthy size for a "small town" all the same. But although this has to be our priority area, we also cover the whole of the Boroughs of Southwark and Lambeth, an area of about 15 square miles; ~~xxxxxxx~~ which the local society also does some work in the area outside the historic fore.



Roman burials and agricultural systems have been traced as far out as Peckham, and the whole area is dotted with medieval villages such as Rotherhithe, Peckham, Lambeth and Bermondsey.

To date, about 30 major sites have been excavated in Southwark and Lambeth, together with about as many smaller "in-and-out" affairs and observations. Most come up through the Boroughs' planning application lists. Redevelopment is continually going on, and pressure of work forces us to divide Southwark into a priority area, within about a three-quarters-of-a-mile radius of London Bridge, and the rest. Lambeth, with one full-time staff member in charge of it, is separate.

Staffing sites is always a problem; take away those who are writing up, working on finds, conserving, etc., and we are left with three or four full-time staff free for site work. Basic finds processing, such as washing and drawing, is carried on exclusively outside normal working hours, with volunteer helpers supervised by "voluntary" staff overtime. To our surprise, we manage to keep reasonably well on schedule with the work. Volunteer diggers are not a source of labour on which we can rely regularly and, although, through age-old tradition, we all work at least one day at weekends to accommodate volunteers, no more than 3 or 4 are regulars. Advocates of the weekend working and anti-weekend working lobbies frequently clash with some violence.

The Boroughs of Southwark and Lambeth both incorporate clauses in their planning consents stressing the importance of archaeological work and requesting developers to co-operate, but these have no legal force and we still rely on developers' goodwill. We have a good record so far, with only one major clash, when a well-known developer deliberately destroyed a site to keep us off it. Our publicity campaign which followed stung the developers sufficiently for them to threaten a member of staff with a libel action; happily, the affair did not get beyond threats. Other developers have been kinder - notably Hay's Wharf, who have given us our offices and warehouse storage free of charge.

What has the Unit's work contributed to our understanding of our national heritage? Quite a lot, we like to think, and a mere £10 can be your passport to that treasure-house of knowledge, facts and essays known as "Southwark Excavations, 1972-4"; two volumes, 600 pages, packed with sex (a pornographic medieval flagon), violence (every pot had been broken), mystery (have we found the white-tailed sea eagle of the IX Legion?), and crime (the mad left-leg snatcher of Roman Southwark, who has struck at least four times in his bizarre career). Look out for the forthcoming sequel, "Southwark Excavations 1974-6".

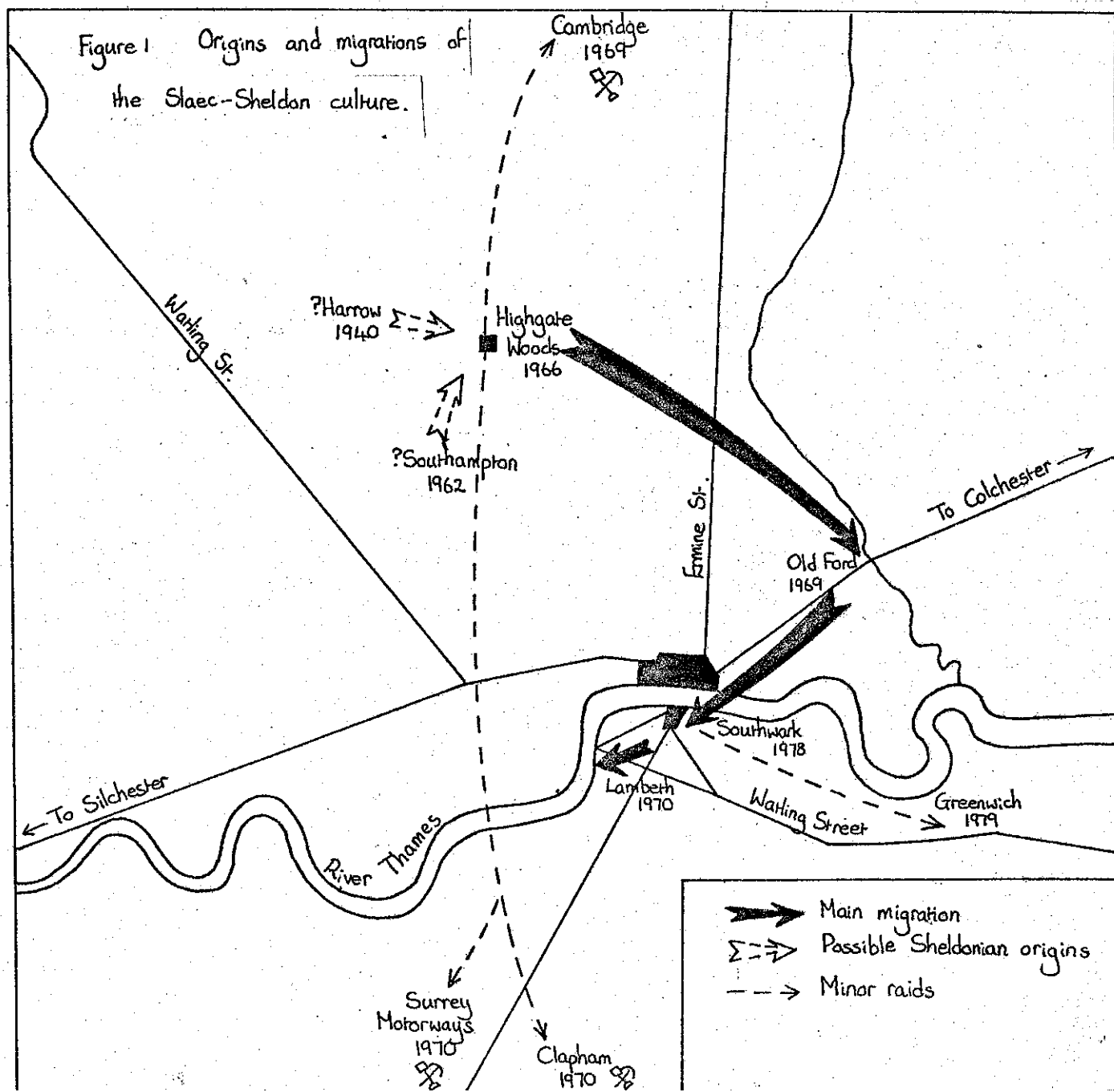
Less well-known, though perhaps even more enthusiastically received, was the Festschrift presented to Harvey Sheldon on his 40th birthday, antititled "Roman Southwark - my part in its Downfall." Already, by popular demand, in its second edition (even the Library of Congress has asked for a copy), it contains papers by distinguished contributors which shed new and intriguing light on many aspects of Southwarkiana - evidence for smoking and cricket in Roman Southwark, unusual Samian and Stoneware forms, the true location of the Roman



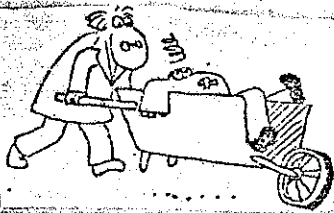
Bridge, the Wall of Roman Southwark, Roman Southwark reconstructed from street names, the Altar of Severus at London Bridge, evidence for Maori Auxiliaries in the army, medieval graffiti, small finds and the New Archaeology, Treasures of the Sheldon collection, and more. It is, not unexpectedly, rather peppered with in-jokes; a copy is reputed to exist somewhere at Basinghall Street.

For the future, there is enough current publication work to keep us employed for quite a few years yet. In the next 1 to 5 years redevelopment shows no sign of letting up in the priority area, and another 15-odd sites are at present scheduled to be dug. These will include the 4-acre Guy's Hosital Scheme, the site of part of Bermondsey Abbey, medieval Winchester Palace (a real live scheduled area) and the Delftware kilns along Hay's Wharf. Our current new site at 15-23 Southwark Street looks as promising as any we have dug, and should be worth a visit in a couple of months' time.

There, without trying to be too serious, is Southwark. The low turnover of staff proves just how much people can enjoy being overworked, underpaid and forced to work in awful conditions with rudimentary equipment, and perhaps hints at just how personally committed we all are to the work. One of our regrets has been that communication with the staff of the D.U.A. has been so limited in the past; hopefully, Kevin Flude's invitation to write this article will help to improve things in that direction.



COLLIDESCAPE



the Regular Radio Carbon
Safety Magazine presented
by Dave (Sheridon Lessley)
Stephens

I had intended to write about health and safety legislation but that can wait for another issue. Instead I want to concentrate on the attitudes to health and safety within the unit particularly and in archaeology generally. After that I shall set out the arrangements to be made for all our future operations and the implications for everyone involved.

Within archaeology there seems to be two basic levels of contempt for health and safety requirements - both moral and legal. The first is easy enough to recognise because it stems from straightforward ruthless ambition, quite often on the part of people who profess to ^{being} socialists. These people, usually at or above supervisory level, regard an archaeological site (apart from any genuine enthusiasm they may have) as a means of enhancing their own reputations and careers. In order to achieve these ends they will often subject their workforce to conditions that would have made a nineteenth century mill owner proud.

The second form of contempt is much more subtle, is comprised of several elements and has its roots in a different form of narcissism. People with this type of contempt can usually be seen working happily under the former in the mistaken belief that they are engaged upon work of such importance that health and safety must only be seen from a negative viewpoint - it gets in the way of the 'real' work. It is very easy to think of enthusiasm as unselfish but it is, in fact, almost invariably the opposite because it centres around what interests the self. Enthusiasm can be quite as ruthless as greed or ambition.

Other elements are the 'Macho' attitude (the Rape of Mother Nature). This has two forms, the contest approach, where Supertrowel carries seven polyspans aloft with one hand while drinking tea from a dirty mug... and, of course, the Protestant Ethic Puritanical SUFFERING bit - "It can't be Art, I'm enjoying it" (and who needs hot water anyway).

Next we have the old enemies Sloth, Lethargy and Ignorance. It won't help if you tell the judge that you couldn't be bothered with health and safety requirements because its boring and anyway you've got too much to do as it is. Its no good the Field Officer saying he didn't know it was wrong to advise supervisors to ensure that they had a supply of 240 volt electricity for power tools, or supervisors to plead that no one informed them that gin wheels must be securely mounted. No doubt the judge would recognise that the forms of ignorance practiced within the DUA stem from complacency.

It may only be a coincidence but all the elements I've mentioned - apart from the macho one - seem to be predominantly middle class traits. Just because the middle classes are the second most pampered section of our society and are renowned the whole world over for their complacency and pre-occupation with themselves...

The first attitude should not be tolerated because it is anti-social. People are very real and should not be used for personal gain. That's why the labour movement has fought for generations to obtain legislation to protect people at work from greedy employers.



In a society based on greed it is a tremendous achievement to have the degree of protection at work that exists today. At the same time it would be a mistake to regard recent health and safety legislation as a product of the labour movement. Moves towards a Health and Safety at Work Bill were first introduced by a Tory government and then regenerated by a Labour government. Employers have recognised that it is cheaper to avoid accidents. Annual government estimates are 16 million work days and £3,200M lost by employers, mostly as indirect 'hidden' costs. That's known in the trade as enlightened self-interest and its something we could do with more of in archaeology.

Enlightened self-interest means genuinely caring for ourselves by using our enthusiasm maturely and recognising that accidents cause pain and suffering. Health and safety has now been put on a professional basis and is now an integral part of management within the Museum as a whole. This has wide implications for the unit and these will be explained more fully in another issue.

At the level of senior management it is agreed that the formulation and implementation of safe working conditions and procedures must be far more thorough than has been the case up to now. When the policy on health and safety is formalised, serious lapses will not be tolerated. Archaeological priorities will no longer be an excuse for nineteenth century working conditions or for dangerous practices.

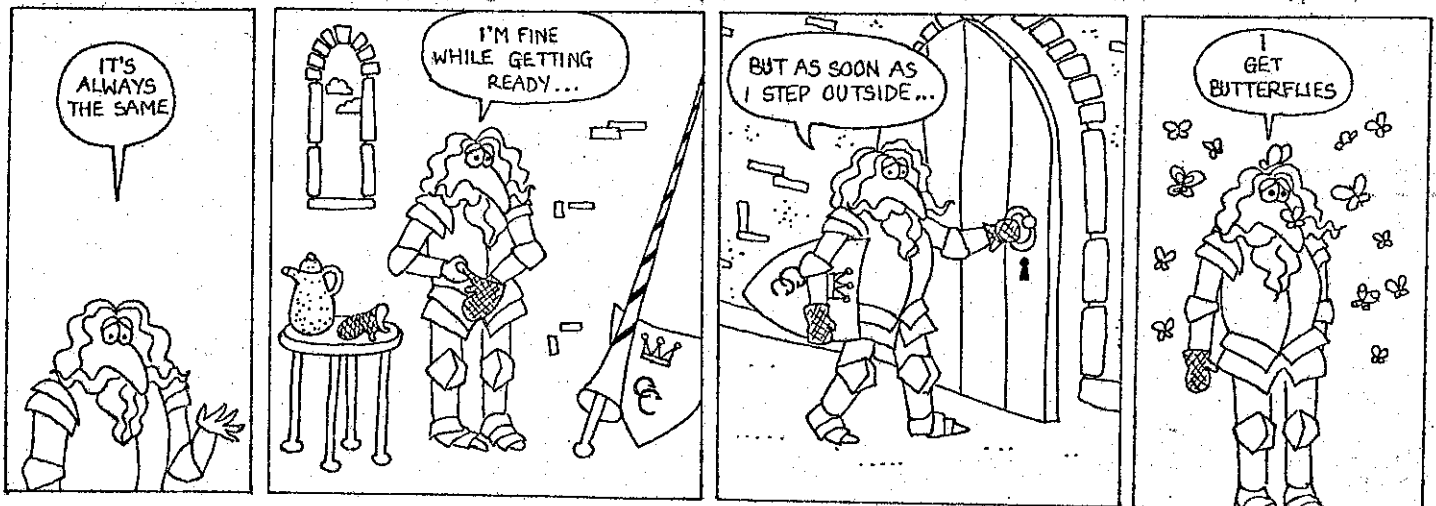
In practical terms this means that codes of safe practice will be drawn up stating the responsibility and accountability of people in various posts for the health and safety of those who report to them and laying down the provisions which must be made to ensure the health and safety of all persons at work. Compliance with these provisions will be a condition of service and is, in any case, a legal requirement. At the moment I am proceeding with a Safety Handbook for general use and a Supervisor's Safety Manual. The latter will cover all aspects of supervisory responsibility including the legal requirements for the various operations.

If anyone is still speaking to me after this they can prove it by coming to my Birthday Party on 7th June (bring a firkin or a firkin bottle)

Its at 36 Cautley Avenue, SW4 - opposite the duck pond on Clapham Common.

Carbon Castle

by Trill



NOT THE COLLIDESCANE FEATURE !

I was going to write an article about health and safety but I thought I would leave it for another issue. Instead, I am going to concentrate on the safety regulations applicable to the Unit, especially in the office.

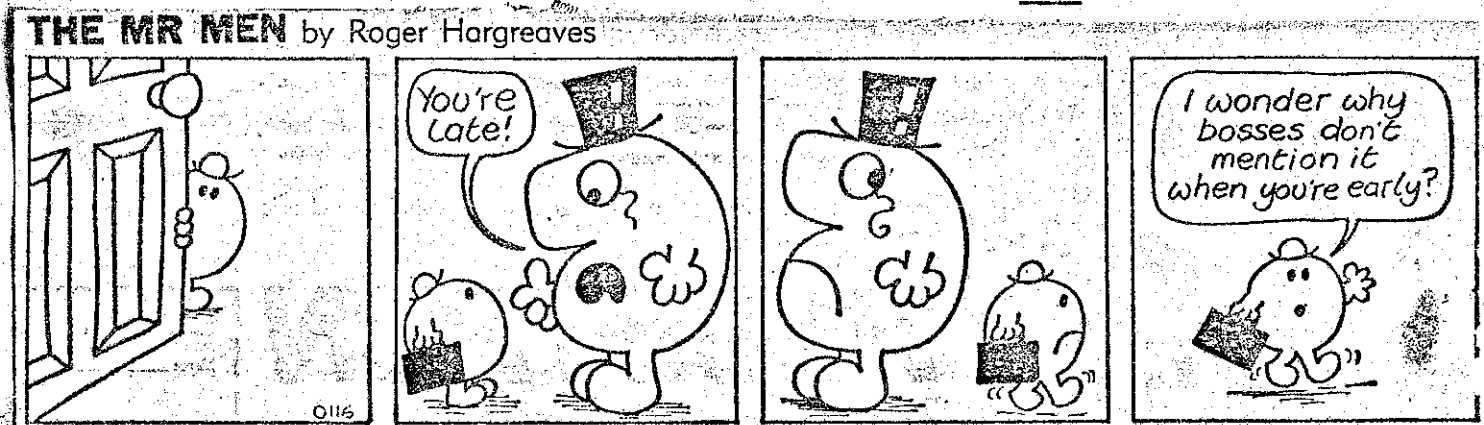
The Factory and Office Act (1964) stipulates in regulation No. 51, that any person sitting at a desk must wear a safety helmet because of the risk of the ceiling falling in or the light fitting falling off it. Also, typists must wear protective shoes - steel toe-caps and non-slip soles - and rubber underwear. Any person involved with filing systems must wear latex rubber gloves with steel finger tips incase his/her fingers get caught in their drawers, (No. 88,710,999).

Notices should be put up in prominent positions to show where items are stored/kept; such as first-aid kits, which should be kept locked if it contains anti-tetanus serum. The key must hang on the side of the box for easy access.

Any office over five foot high must be shored up to impede any activity. Any person under five foot six inches must wear an orange or yellow florescent band around his/her head and whistle when going around corners.

And last but not least is number 100,996,465, this says that any person going out of the building or going to the loo must inform atleast four people so they can freely talk about them while they're away.

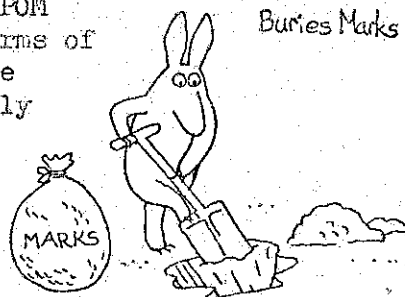
JBE



614: 'Wharram Percy 1980' began at the May weekend with the largest supply of able bodied DUA'ers yet to grace it's hallowed humps and lucious lumps. Apart from the usual revolutionaries, Derek Bloodaxe and 'Normous Nick played their part by the former testing the wind turbulence and the latter working on his backlog. Gustav worked at home on his backlog and had a major part to play in Volume I of a series of monographs basedon Wharram. Paolo started the new decade rolling with his re-re-excavation of the church porch. Charlotte was spotted in the local enjoying the brew, Prince was reported to have been shirtless on more than one occasion whilst Chrissie suffered from exposure, and Tanya Dickinson held yet another seminar for the 'enlightment and enjoyment' of all.

JOBS

We would like to congratulate Jenny and Clare for thier successful applications for the supervisors jobs at Bevis Marks and Iron Monger Lane .Among the many positive aspects of this selection are the facts that they are the first official women supervisors in the DUA , the selection of 2 POM of that venture at least in terms of the selection also shows that the to consider people not necessarily position or years and the large step forward in the with the work we do - a Union and John Schofield of responsibility pay .



persons suggests the success training and experience , management is also willing on the basis of seniority in appointment can be seen as a fight for pay comensurate joint success i feel for the who jointly pushed the idea We'd done all!

KPF

WHERE HAVE ALL THE DOUGHNUTS GONE?

In August 1970 I went on a school trip to Berlin. It seems no-one noticed I had left a few weeks before, but I still qualified for all the travel reductions.

The German Master (who seemed to be as glad to be free of school restrictions as the other fifteen) booked us on a train from Exeter to Harwich, where we went overnight to Bremerhaven by Prins Ferries and then by train to West Berlin.

We stayed in a Jugendherburger Youth Hostel in Anhalter Platz, very near the wall.

We went on a coach trip into East Berlin in one of those huge double decker observation coaches. After passing through "Checkpoint Charlie", as all vehicles do, the guide pointed out the grassy mound which now covers the remains of the Fuehrerbunker, where Hitler spent his last weeks and committed suicide there.

In the centre of East Berlin we saw huge new Fernsehturm, Higher than the GPO Tower. Also we visited the very impressive Russian war memorial on this day trip.

In West Berlin we had been given Fortnightly season tickets for the U-bahn and I used mine to visit Schloss Charlottenburg, the smaller West Berlin Fernsehturm, the famous Kurfurstendam with its ruined church symbolising the Futility of War and many other interesting locations.

Our party also visited East Berlin, because we were on foot (like all pedestrians) we had to go under Checkpoint Charlie via the Friedrichstrasse U-bahn, where we all had to fill out long complicated forms, but eventually emerged. We had hoped to visit the Fernsehturm. The huge queue ruled that out, but we did see the Radhaus which is the very ornate Town Hall, with a pleasant cafe in the cellars. Suitably refreshed we returned to the Jugenherburger.

Next day I decided to visit East Berlin on my own, again via Friedrichstrasse. I passed the Radhaus and the Fernsehturm and visited the Marienkirche which is a most impressive early Medieval brick building.

Bach in West Berlin the U-bahn took me to Wedink where a US President had informed the assembled crowd, "Ich bin ein Berliner", unaware that 'ein Berliner' means a doughnut.

LLEGACS NOMIS

PARTLY POLITICAL BROADCAST ON BEHALF OF THE TRIGLANE BERMUDA TRIANGLE SYNDROME

I Switched on my transistor to hear a song called "THE JELLYMAN". As it was budget day I assumed it was an earnest discussion of the parlous state of the British economy. "Wibble Wobble, Wibble Wobble; Wibble Wobble Wee; Wibble Wobble Wibble Wobble; Wobble on me." But when a voice said we're now going over to the House of Commons I realised I'd been listening to 'Listen With Mother'.

The Chancellor pointed out the low rate of inflation was preceded by a series of expenditure cuts forced on the Labour Govt. by the IMF, and further cuts will decrease somewhat the present high level of inflation.

Harold Wilson pointed out the major cause of inflation when he said 'One man Wage increase is another mans price rise.'

Unemployment is high because the British Public seem to have forgotten to buy British products and always seem to choose foreign, despite the fact that the purchase of British goods means that someone in Britian is employed. Its like being in a football team and kicking your Goolie in the Goalies - or something like that.

Last Years percentage cuts in Income tax helped everyone even though it helped the higher earners more, but this years increase in the personal allowance will



especially benefit the lower earner since a larger proportion of Income will be exempt from tax .

The £6 increase in OAP and the increase in Family Income Supplement will benefit many people .

Whether the Oil Companies will appreciate the Increase in Petroleum Revenue Tax charged at the Well Head , from 60% to 70% is doubtful.

Finally I'd like to categorically deny the rumour that when an effigy of Margaret Thatcher was made and a knitting needle thrust through the heart , the knitting needle died .

LLEGACS NOMIS

CARBON DATES

All Seminars are held in the downstairs drawing Office 71 Basinghall St at 5:15p.m. and all seminars are open to all our readers .

WEDNESDAY 4TH JUNE

POM EVALUATION: Was the POM experiment in site supervision a success, a failure or a bit of both? Should the experiment be repeated by the DUA? Is this the end of conventional supervising as we know it? Or was it the thin end of confused liberal (or left-wing) penetration of the existing hierarchy of control in archaeology? Now that the POM reports are coming out, these questions should be thrashed out. There will be a SEMINAR in two parts on WEDNESDAY 4TH JUNE; Section Heads and Supervisors at 2.15p.m. in Brian's office; for staff generally at 5. 15 p.m. in the Drawing Office. Hopefully the stars (or victims) of both parts will be all the POM supervisors.

WEDNESDAY 11 JUNE John Maloney's award winning exposition of the Defenses of London for those who missed it at the Defenses conference .

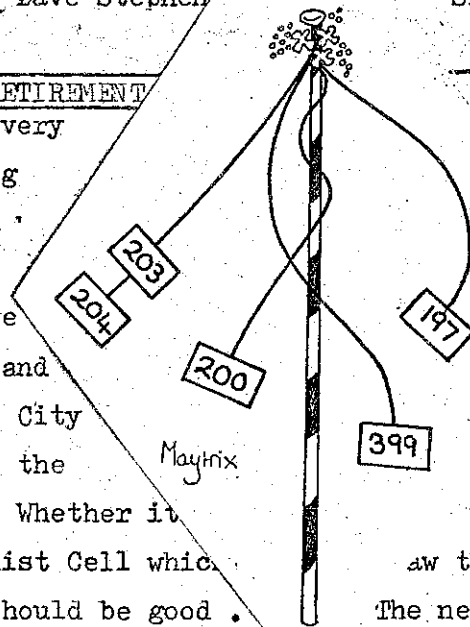
WEDNESDAY 18 JUNE Suzanne Keene Conservation in Archaeology .

WEDNESDAY 25 June Dave Stephen Site Safety .

ARDENE HILTON'S RETIREMENT

After many very

Ardene is retiring all the very hard .
behalf , and for will eventually, we national Museums and strictures of the City
Ardene to come to the history of IPCS . Whether it '60's IPCS Communist Cell which not know but it should be good .
is Jenny Thurston - who by all missed by those who are losing her to us .



good years of working for IPCS , we would like to thank her for work she has put in on our setting up the work that hope , link our pay to rid us of the dreadful corporation . I have asked Museum to give us a seminar on the will include details of the so called saw the 'sacking' of a General Secretary I do The new Ips rep , at least temporarily accounts is a very good tough negotator - much

RADIO CARBON was produced and directed by our Stan (Baldwin) , Aided and abetted by KPF , additional material was contributed by Mike Hammerson , JBE , DS , SS , JP , JM , JM , (both) , PR , JAS (for which he has already apologised) , MFB , IB , NB , Artwork was by CU , JP , MFB , MH . Daily Mail , Sunday Times Punch , State Service 2000 AD , The Cover was adapted from a DC Comic by CU from an idea by KPF . Typing by Contributors and KPF , JBE and CM .



Jenny Thurston

THE LATER ROMAN ARMY , A BRIEF INTRODUCTION



THE BACKGROUND

The popular image of the Roman Army is usually that of the Trajanic Period : legionaries wearing Lorica Segmenta (articulated armour) on the body , with oblong shields , fighting in 6,000 man legions ; supported by auxiliaries wearing leather Armour or Chain Mail , with oval shields , fighting on foot in 500 or 1,000 man cohorts or mounted in 500 or 1,000 man alae . This view

holds good until the empire ceases to expand . Once the legions held static positions it became necessary to detach elements of the main body for more mobile tasks . These detachments known as vexillationes after their standards (square banners known as vexillae) were around 1,000 strong . Eventually these detachments became effectively independent of their parent unit .

Later Organisation

During the reign of Diocletian many aspects of the empire were reformed and the Army was one of them . Diocletian raised fifty new legions and although called legions these units were the same size as the old vexillationes . In addition he began to increase the cavalry component of the Army , both by upgrading the old legionary scouts , and by raising new units . Constantine carried on the development of the new Army , further increasing the cavalry and introducing a three grade system for all units

The lowest grade were the limitanei or border garrisons . These units, the old cohorts and alae , the rumps of the legions and the newer infantry units called numeri and milites , and cavalry units called cunei , were all between 600 and 1200 strong and were territorial in nature .

The second grade were the comitatenses . These units were either new legions , auxiliae , or the new cavalry units called vexillationes (again after their own standards) and were formed into the regional field armies such as that commanded by the Duke of Britain .

The highest grade were the palatinae , composed of the same type of unit as the comitatensis but intended to form the main field armies , to be commanded by the Augusti themselves or their designated deputies .

In addition a number of scholae or guard regiments , all cavalry , were formed to replace the Praetorian cohorts which had been disbanded after supporting Maxentius against Constantine at the battle of the Milvian Bridge in 306 A.D. . The scholae however , rapidly became status units with no real fighting ability . Units could be promoted or demoted for good service or demerit. If the promotion was permanent the unit took the new classification however some limitanei units were promoted to the comitatensis on a temporary basis and were styled pseudo comitatenses .

LATER EQUIPMENT

From the Trajanic period onwards infantry equipment became lighter and less complex , while that of the cavalry increased in weight and complexity . This reflected both the economic problems which affected the empire and the shift in emphasis from an expanding frontier to a static one , and later requirements for mobile forces to deal with the increasingly frequent and deep incursions made by tribes outside the empire . By 350 a legionary could probably be wearing leather armour , (although some units may have had chain or plate mail) carrying a large round shield and using a spatha(long sword) and martobarbuli (weighted darts) in place of the earlier gladius(short sword) and pilum

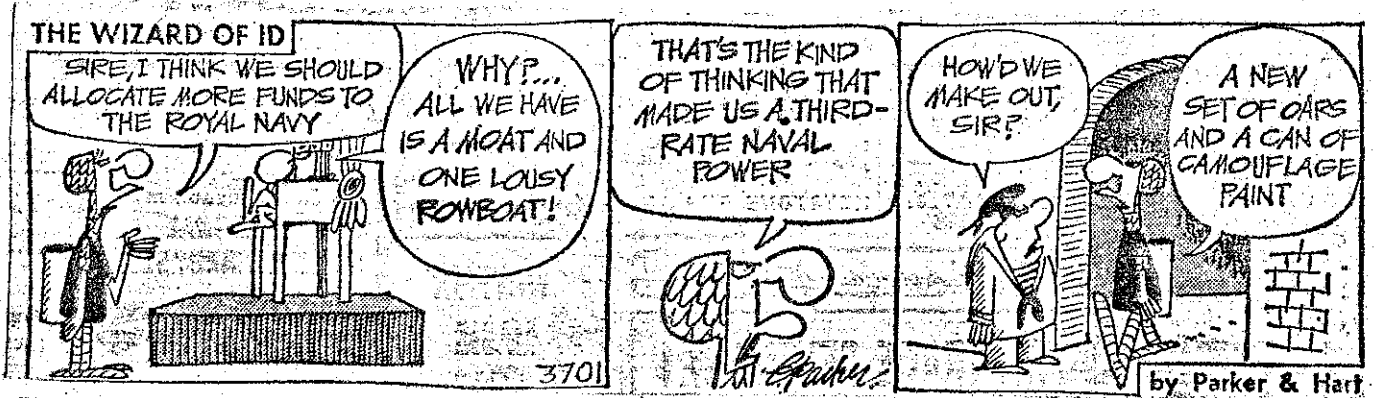


(heavy throwing spear) . An Auxiliary would have no armour and be armed as the legionary , replacing the darts with javelins or a shortspear. The cavalry was variously equiped ranging from light javelin men and archers with no armour or helmets to fully armoured lancers on armoured horses .

John Price

Next Issue ; - Strategy and Tactics of the Late Roman Army . (If I can persuade John to write it!! - Ed)

SOUNDS FAMILIAR ??



DID YOU KNOW ??

If the city measured 1 square mile and contained six foot depth of stratigraphy overall , it would take a team of 50 people over 500 years - at one cubic yard (1 ton approx) a day , seven days a week , 365 days a year - to record and excavate . The wages - at todays rate - would amount to over £87,500,000 ; more than 27 million cups of tea would be drunk - at 3 cups per day ; five minutes each day in the loo would mean a loss of over 1,100,000 person hours , and using 10 sheets of paper each per day the loo role would have to have in excess of 91,250,000 sheets on it . And to cap it all , the spoil if spread 1" thick would cover Liechtenstein and a chunk of Switzerland .

Not many people know that .

But Jon-Jon Does ! Comparative Statistics to be sent to Research Dept. Andrex House .

The Triglag Archaeopelago

Ivan Harrisovitch shuffled along the windswept roadway , his boots , tied with string , flapped their soles in the dust , his patched trousers were scant protection against the weather , his back bent with hard physical labour , his face a mask of mute despair , all told the same story . This man was an interlectual . Like the others at triglag his mind had been trained and honed at one of the country's centres of excellence , and he had developed a range of skills which in other situations might have made him a man to be looked up to by society , as the surveyors and roadbuilders who had driven the great Upper Thames Highway past the huts of the Archaeopelago . Ivan Harrisovitch shuffled along to his first task of the day , with map , paper and brush he was to clean the toilet . Those of you who work in offices in the city should thank the heavens that you will never know the degredation of Triglag .

"Makhno"

SMALL ADS

Mary Lynne Rainey from Pennsylvania is seeking accomodation for the month of July. If you can oblige, please contact Penny in Finds.





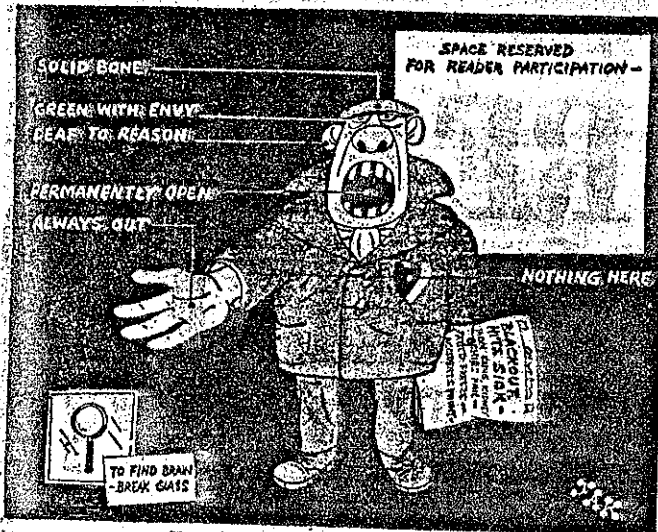
GILLRAY in Punch: accusing Pitt of usurping the prerogatives of the Crown. His tentacles take on the shape of a crown.



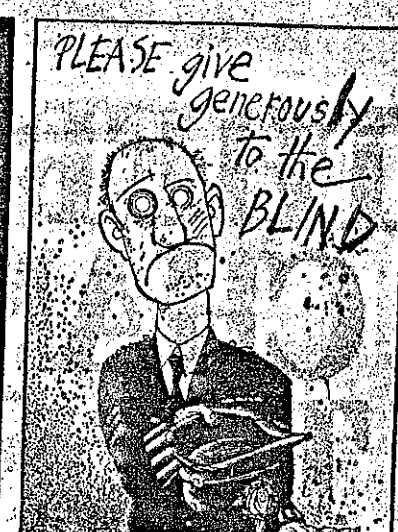
ZEC in the Daily Mirror: the famous wartime cartoon that led to Churchill threatening to close the paper. The caption said: 'The price of petrol has been increased by a penny a gallon.'



SCARFE in Private Eye: on Ian Smith and white domination in Rhodesia.



Homo-electrical-captius Britannicus, circa 1970.



RALPH STEADMAN in the New Statesman: at the time of Blair Peach, when the police were asking for a pay rise.



FRONT OF BRASS AND FEET OF CLAY CUMMINGS in the Daily Express: Prior as Maggie's feet of clay.



CAMPAIGN FOR PRESS FREEDOM

In the light of Recent Events (and ofcourse we mean the press coverage of the day of action , what else could we possibly mean.....) Radio Carbon is going to join (unless a majority of our readers disagree) the Campaign for Press Freedom . - see this weeks time-out . We just wish more publications were run like us - which in case you have forgotten is an open access magazine - with no editorial policy at all . We guarantee the right of reply , we give no spurious authenticity to any articles except for the persuasiveness of the contents , and no Derek it was not a conspiracy that prevented the publication of your splendid contribution . unless ofcourse I never really lost it but someone stole it



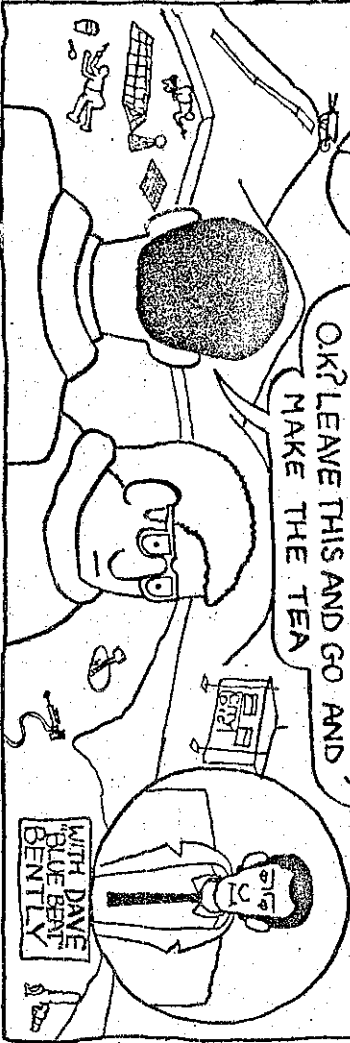
IS IT A HARRIS? IS IT A MAGNUSSON?.. NO ITS...
SUPERWATCHING BRIEF MAN (SORRY) PERSON!!!

SUPERWATCHING BRIEF MAN (SORRY) PERSON

ALPHA!
102
APR 30

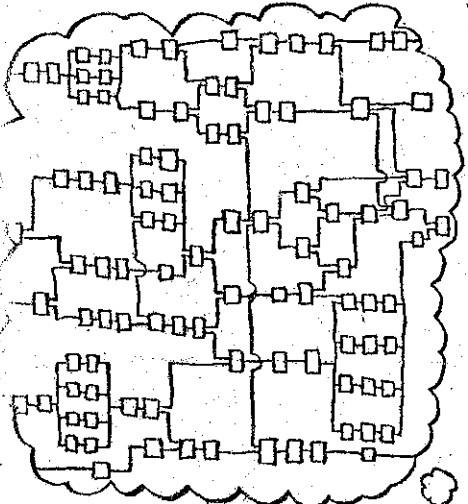
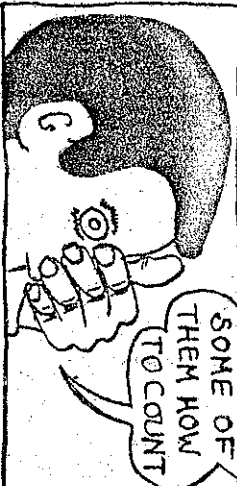
APPROVED
BY THE
COMICS
SA
AUTHORITY

I TOLD YOU... NORTH IS ALWAYS
AT THE TOP OF THE PERMATRACE,
OK? LEAVE THIS AND GO AND
MAKE THE TEA

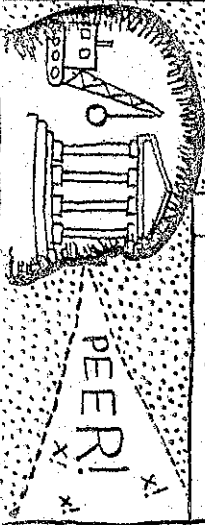


THESE VOLUNTEERS! IT'S
NOT EVEN WORTH TEACHING

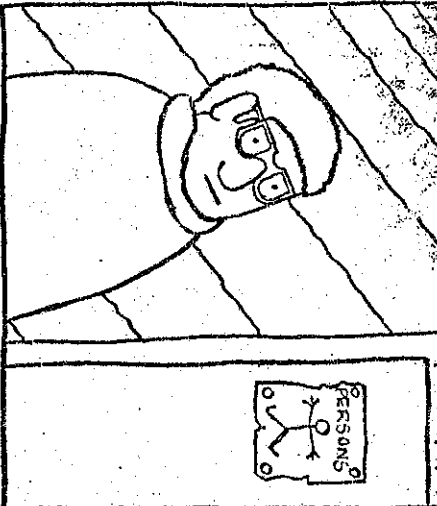
SOME OF
THEM HOW
TO COUNT



SUDDENLY... SUPERWATCHING BRIEF
MAN (SORRY) PERSON SEES AN IMPENDING
ACT OF ARCHAEOVANDALISM WITH
HER HIS X-RAY VISION

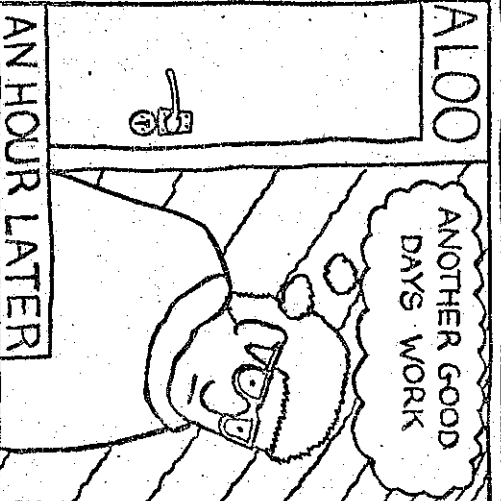


PORT



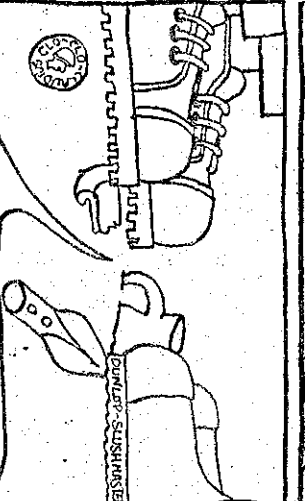
ALDO

ANOTHER GOOD
DAYS WORK

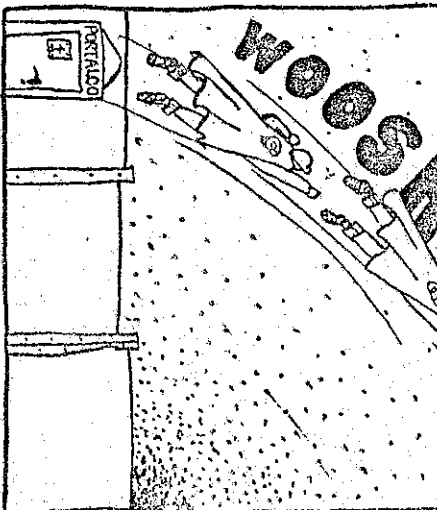


AN HOUR LATER

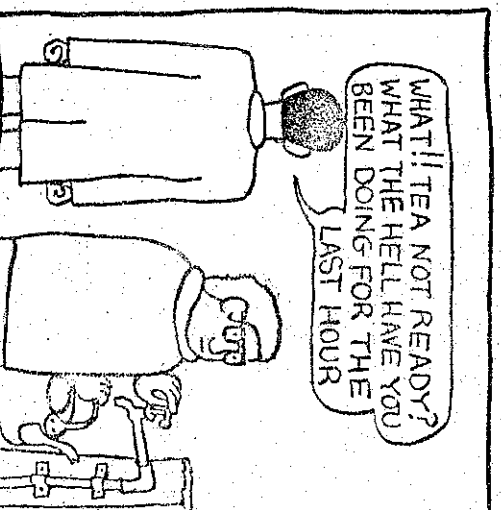
DISAPPEARS FOR HOURS AT A
TIME... CAN'T HOLD A PENCIL
STRAIGHT... HE'LL NEVER
GET A SHORT TERM CONTRACT



WHEELS



WHAT!! TEA NOT READY?
WHAT THE HELL HAVE YOU
BEEN DOING FOR THE
LAST HOUR



BUT DOES S/HE REALLY
WANT ONE? WATCH FOR
THE NEXT GRIPPING
EPISODE OF SUPER
WATCHING BRIEF MAN-
(SORRY) PERSON TO FIND
OUT ABOUT OUR HERO'S
ACHILLES HEEL!!