

Don't miss
VICE-PRESIDENTIAL
HUSTINGS

Today: 1.30.
Deb Hall

REDBRICK

"This House considers
the Lodgings Warden
system a moral
necessity"

Thursday, 16th, 5.15,
Council Chamber

No. 637/22

WEDNESDAY, MAY 15th, 1963

Price 3d.

RACE CITY LINK CAUSES ROW

BOWLS MATCH CALLED OFF

Carnival boycott threat

A CARNIVAL TEN-PIN BOWLING match with the segregated University of the race-riot city, Birmingham, Alabama, has been called off after threats of a Carnival boycott and protests from both white and coloured students.

The man who thought up the idea was Roger Clarke. "I wrote to the Americans because I thought the idea was a good one for Carnival. I am very disappointed with Carnival's decision to call off the match," he said. "It seems to be segregation working the other way."

Walter Green, the chairman of the West Indian Society, said: "We were going to call for a boycott of Carnival by all the anti-segregationist organisations and citizens of Birmingham. I feel very, very strongly about this and I think that there should be a public apology and explanation from Carnival Committee." Mr. Green said that the agreement between Martin Luther King and the Citizen's Council did not alter the basic situation.

Withdraw

Another Committee member of the West Indian Society, Miss Shirley Bailey commented: "Both foreign and English students were very strongly against it, we threatened to withdraw support from Carnival if this went ahead."

Trog Girdlestone, the Chairman of Carnival Committee said: "I am sorry that the matter hadn't arisen before the match was arranged. This was arranged during the vacation and was not Carnival Committee's original idea."

Miss Janet Russell, Vice-Chairman of Carnival Committee commented: "After complaints from members of the West Indian Society we realised that we couldn't go ahead with this, it just didn't occur to us before."

American Manufacturing Foundries who were willing to pay for a phone link-up between the two Birmingham and own chains of Bowling Alleys throughout the world are now trying to arrange a joint contest with Geneva or Kansas.

GOING FOR A SWIM

An underwater expedition hopes to visit Spain this summer. Led by Bill Tuxworth of the Phys. Ed. department, it will include zoologists and medics. "I don't expect any major scientific results," said Mr. Tuxworth.



• The Band's chief
bugle player.

THUGS ATTACK STUDENT

A UNIVERSITY student was taken to hospital early on Sunday morning after he had been attacked in the Bristol Road by four youths.

The student, Roger Perrin, a second year Social Scientist and a

member of REDBRICK sales staff, had a badly broken nose and was suffering from loss of blood. On Sunday a spokesman from Little Bromwich Hospital said that the patient was "quite comfortable."

Mr. Perrin told the story of the attack from his hospital bed. "There was no reason for the

attack at all; two of the youths held me while the other butted me in the face several times. The odds were just too great."

Mr. Perrin had an operation on Sunday morning and was dismissed from hospital on Monday afternoon.



Photo: Studio Seven.

• Maureen, one of the four finalists in the
"Barb" Cover-girl competition.

"SOME LOVELY SPREADS"

Page one beauty choice soon

READERS will be dazzled by a full-colour pin-up on the cover of this year's BARB, the well-known Carnival magazine. The magazine is to have a professionally designed cover aimed at making it an easier sell.

The cover girl is being chosen by competition. The field has now been reduced to four finalists and the winner will be expertly chosen from these by Carnival Committee.

The winner's identity will be kept a closely guarded secret until the release of the magazine. "It is so secret that only two Carnival Committee members have seen the

photographs," Trog Girdlestone, Carnival Committee Chairman said.

BARB'S circulation last year was about 13,500, representing about one per cent of Birmingham's population. This year 25,000 copies are being printed.

The magazine will be released for sale on June 13th. "We aim to sell the lot by June 15th," Brian Turner, BARB Editor declared.

Brian Turner has aimed at producing a magazine with more appeal, making it easier to sell and raising the sales revenue. "We have introduced lay-out this year," he said. "I am quite pleased with some of the spreads."

Dave Hugill 'contemptible' —says Tory

MR. DAVID HUGILL, a 24-year-old Research Chemist, has been adopted as Prospective Parliamentary Liberal Candidate for Smethwick at the next General election.

Against him will probably be Mr. Peter Griffiths (Conservative) who has already refused to share a platform with "this contemptible Liberal," and Mr. Patrick Gordon Walker, Shadow Foreign Secretary, the present M.P.

Mr. Hugill, a prominent debater and ex-chairman of the Guild Liberal Society, describes the Tory as "an absolute buffoon."

Smethwick has a large coloured population, and racial prejudice seems to be running high. The "buffoon's" policy aim—send home immigrants who have been unemployed for six months—may yield rich electoral dividends.

Marginal

Despite Labour's 3,000 odd-majority the constituency is now considered very marginal because of the colour question. In last Thursday's local elections one of the Conservatives few gains in the whole country was an extra seat on the Smethwick council, giving them fifteen to Labour's seventeen.

Mr. Gordon Walker is no longer much loved since his vehement attack on the Commonwealth Immigration Bill in the Commons, and may soon regret a recent denial that he was seeking a safer seat.

Mr. Hugill has no intention of making capital out of the colour problem. He will campaign on "good, sound Liberal policies." "Unfortunately," he says, "the Tory may win, but we hope to put Gordon Walker bottom of the poll."

The Liberals are not represented on the Smethwick Council, and have not fought the Parliamentary seat since the 1920s.

LATE NEWS

CRICKET

UAU 54 all out
Warwicks. II 41 for 4
Rain stopped play.

Expensive Panty raids

COMES the first balmy breezes of summer and the American Students' thoughts lightly turn to riots and panty raids. A three hour rampage by Princetown University undergraduates last Tuesday resulted in £180,000 worth of damage to property.

Students at Brown's University went on a similar junket, but fourteen of them didn't run faster than the police, and spent the night in jail.

THE OLD GIRL AIN'T WHAT SHE USED TO BE

by Tegid Wyn Jones



ARCHBISHOP USSHER, writing in 1658, claimed that God created the world on Sunday, 23rd October, 4004 B.C. Unfortunately, recent scientific investigations have been unable to attain such precision! The ages of near astronomical objects turn out to be of extreme relevance to cosmology—of which there are two contending classes: steady state and evolutionary theories. This arises because it cannot be assumed that the earth and in turn the galaxies can be older than the universe itself.

Spectral analysis has indicated that globular clusters are the oldest members of the galaxy (they are characterised by a large, heavy element content). The evolution of these clusters is fairly well understood, and measurements of luminosity, temperature and mass enable their age to be placed at about 25 thousand million years. It is important to note here that the theoretical equations that predict this age involve the gravitational constant which, roughly speaking, is a measure of the force of gravity—a point we shall return to later.

• The elliptical galaxy NGC 147, photographed with a 200-inch telescope. The bright stars are members of our own stellar system.

Studies on the inter-stellar matter in the galaxy indicate a galactic age of one thousand million years—significantly less than the result obtained above. Furthermore, the terrestrial age is found to be of the same order. This value was obtained from study of uranium ores. Now the uranium nucleus consisting of a large number of neutrons and protons is unstable and alpha particles (two protons—two neutrons) are emitted to give a daughter nucleus which is itself unstable. The radioactive decay continues until the stable structure of lead is reached. The ratio of the residual uranium, to the lead produced by the decay is sufficient to determine the time that has elapsed since the solidification of the rocks.

Hubble Law

The age of the universe is only meaningful in terms of evolutionary theories. The observations of Hubble, Humason and Sandage indicated that the apparent luminosity of a nebula was related to the "Red Shift" of its spectrum, that is, light of a particular wave-length was shifted so that its wave-length was increased. This observation may be accounted for if it is assumed that the apparent luminosity is a measure of the distance of the nebula away from us, and that the Red shift is caused by a recession motion of the nebulae.

An incomplete analogy of the Red Shift of light waves is the change in pitch of a train's whistle as it approaches and then recedes from the observer. It appears, therefore, that the further the nebulae are away the greater is their recession velocities. This is consistent with the interpretation that there has been a "Great Bang" in which the nebulae moved outwards from a common centre. Faster nebulae will have travelled further than slower ones—thereby accounting for the observed velocity-distance relationship. From this data it is possible to find very simply how long ago the nebulae were close together—this turns out to be about thirteen thousand million years ago. Again the age of the globular cluster is embarrassingly large in comparison—being larger than the age of the universe itself!

• This article is the third of a series, called "Science and Life," dealing with astronomy and cosmology. It describes how the age of the earth, galaxy and universe have been determined. The last article outlined the structure of the universe, explaining that our stellar system is but one in a "cluster" of essentially similar stars. These clusters form the galaxy which in turn form the universe itself.

Brans-Dicke This appears to be a major difficulty for an evolutionary cosmology. However, one Evolutionary cosmology, that of Brans and Dicke has surmounted this difficulty. It presents our very limited experience does not suggest that the gravitational constant is variable. However the properties of space, that is gravitation, may well depend on the distribution of distant masses which in terms of the "Big Bang" model would be very different from that we now observe. Hence the gravitational constant may well have been different in the past—with tremendous consequences on the theoretical equations mentioned previously. However, since the observational and theoretical situation is far from being satisfactory, this evidence cannot conclusively disprove the steady state theory or in fact single out the Brans-Dicke theory from the other evolutionary theories.

Brans-Dicke

Dr. Pedley, to send all eleven-year-olds in one area to a single secondary school, and to provide sufficient courses, both academic and practical, in the one "comprehensive" school, to cater for every child. This is broadly what is being done in some parts of Britain today, though all too few.

The writing is lively and holds the reader's interest, although there is a tendency to finish the articles rather abruptly. The author obviously has an intimate knowledge of jazz, and for anyone wishing to gain some perspective of the current jazz scene, this book is well worth reading.

Down with class schooling

Chris Austin

IN his new book, "The Comprehensive School" (published by Penguin, 3/6), Dr. Robin Pedley, director of the University of Exeter Institute of Education, puts forward a powerful argument in favour of the abolition of the "eleven-plus" examination.

He attacks the system whereby a child's future career is determined by the results of an examination that he takes at the age of eleven, and whose fallibility has been proved constantly ever since its implementation after the 1944 Education Act.

The only way to overcome this premature classification of children into wheat and chaff is, says

Mr. Balliett documents these movements admirably. His criticisms of records: TV shows and concerts give an accurate picture of what was happening, although sometimes coloured with personal preferences. He likes Mingus, Monk, Jummy Guiffre, Sonny Rollins and renaissance swing musicians such

"Well, have you argued, Sir; and for your pains of capital treason we arrest you here"—and all he did was

SCRAWL ON WALL

REDBRICK comment

The Birmingham University Students' Newspaper

Editor - Chris Buckland

Assistant Editor - Tim Austin

Business Manager - Roger Griffiths

Give us a bit of credit

ONCE again complaints about the intolerance of the library staff are being voiced around the Union. "We are treated like small children," say members of the Guild. "The library officials seem to go out of their way to make things difficult for us; as exams approach, so the antagonism increases."

It is time this cold war ended. Students, of course, must behave sensibly in the library, as most of them do already, and the staff should play their part as well.

Could we not be credited with sufficient honesty to bring brief-cases and bags into the University library, as we can into the public libraries? And is it really so impossible to allow a book to be taken out two minutes after the bell has rung?

The President has already taken this matter up with the Chairman of the Library Committee. Let us hope the University does something—and quickly. Regulations are obviously necessary, but let's not be slaves to the rule-book.

Interest for all

The organisers of the June Academic Festival have produced a varied and interesting programme, without a doubt the best to date. Something for everybody is the motto this year—from science to sociology, literature to jazz, sport to a film festival.

The attendances last June were well up on the previous year's, and this time the figures ought to be even higher. We all know the temptation to shoot off home immediately the exams have finished, but the effort of staying on at University this June should be well worth the effort.

The Union
Edgbaston,
Birmingham, 15
SEL 1841
May 15th, 1963

personal column

LIMITED number of Chancellor's Hall May Ball tickets (45/- dble.) for 14th June. Two bands, bars, barbeque, cabaret—Apply any member of Hall.

FLAT mate (female 19-25) required, King's Heath area. Apply Miss J. Saunders, Room H.E. 2/8, Chemistry Dept.

INFANT AND THE IMAGE: JAF 63.

FESTIVAL CRICKET on Monday, 24th June when the President's XI takes on all comers. JAF 63.

JUFENFIZ at 3 p.m. in the Gymnasium. Demonstrations of judo, fencing & gymnastics by experts.

ROWING CLUB. Bars open all day at Birmingham Regatta, Edgbaston Reservoir this Saturday.

STUDENT requires single flat in Edgbaston area for nine weeks in the summer vacation, commencing 13th July. Please contact: Mr. J. L. Morris, Room Y.4, Eustace Percy Hall, Freeman Road, Newcastle-upon-Tyne, 3.

GO-KARTERS: all meet in Committee Room 3 at 1.30 p.m., Thursday, May 16.

FLAT wanted, for two ladies, from October 1963. Minimum two rooms, plus cooking facilities. Not more than £25 weekly.—Apply Miss E. M. Walker, English II, via Pigeon holes.

FLAT wanted for two female students in October—Miss J. Dewhurst, English II, 10/- for successful information.

PRESS POST

BOXING MUST GO

SIR.—Last week's "Sports Comment" tried so hard to be liberal and middle-of-the-road about boxing, and only succeeded in appearing mildly ludicrous.

How can your Sports Editor claim that "irrefutable medical evidence" is not "absolutely convincing"? Perhaps, because he has not studied that evidence thoroughly?

Blows to the head damage and stretch nerves and tear blood-vessels. The damage to the nerves is considered to be irreparable. The effects are short-term headaches, fits of temper, blurred vision etc.—long term—the dreadful "punch drunkenness"—and most important the latent effects. A boxer may apparently recover completely from a serious knock-out, but several years later suddenly die or suffer very bad injuries from a mild blow.

Boxing is the only serious sport left in which a man may win by beating his opponent insensibly, by deliberately attempting to physically maim his opponent. The only comparable sport was duelling. That was banned because it was considered "brutal and degrading," because it was considered wrong to scar a man for life. No doubt there would still be people willing to "voluntarily engage in their chosen profession" of duelling if the law would allow.

Solutions

The solutions suggested by the Sports Editor are of little use. The rounds can be as short as one likes, but head punches can still be thrown. And it is head punches that win fights. Bigger gloves are no use, they merely spread the area that is hit. Head guards are no use: boxers get killed wearing them.

Prohibit head punching, and boxing will die of its own accord. As "a genuine lover of sport," I enjoy boxing; I admit to enjoying watching two men belting each other. But boxing is wrong and it should be banned.

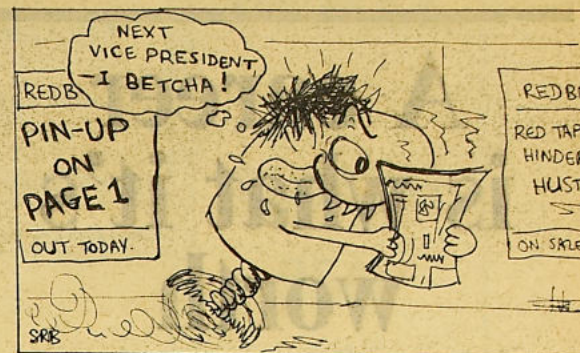
Yours etc.
ALAN ANDREW JONES.

VOTES FOR DON'T-KNOWS

SIR.—From the total poll of the Presidential Election, it would appear that the majority of Union members are indifferent as to whom they choose for President. This I would say, is true in many cases, but there was a considerable number of members who decided that they could not vote for either of the candidates, and so did not vote at all. In order to distinguish these people from those who did not vote merely through apathy, could not an abstention vote be introduced?

Yours etc.
CHRISTINE A. ROBB.
(You could always spoil your paper.—Editor.)

External Ads. 4d. a word. Internal Ads. 1d. a word. Insertions up to mid-day Tuesday. RED-BRICK accepts no responsibility for non-insertion or mistakes in adverts.



MERMAID REVIEWER IS ALL AT SEA

SIR.—On reading the review of the New Mermaid by Mr. Orwin in your issue of the 8th May, I felt that some of the comments were from a misunderstanding or lack of appreciation of what Mermaid has set itself to do.

WHEN AND WHERE IS CARNIVAL?

SIR.—Mr. Girdlestone talks about the difficulty of contacting the people on a limited budget. Before he starts talking about spending a lot of money on booklets, etc., I suggest that a critical look can be taken at this year's Carnival tickets. Look at the dismal display. It has several serious faults.

(1) The receipt gives no mention of which University. This year nearly everybody has asked me which University the tickets are being sold for. Are the Committee ashamed of being associated with Birmingham?

(2) There is no indication of when Carnival Week is. The least one expects is the date of Carnival Day.

Advert

(3) On the reverse side we are treated to an advert for 'Barb'. What an utter waste of space. This is valuable advertising space and should be used to attract people to the events during Carnival Week.

In this way people will come into town to see the floats. Then they can sell more copies of 'Barb' and fill the time.

Obviously it is too late to alter the situation this year, but perhaps next year's committee will be able to produce a better design. They certainly cannot do much worse.

Yours faithfully,
D. J. R. STROUD.

WHEN SHE'S WALKING IN THE RAIN

SIR.—From the frantic preparations being made for the forthcoming visit of the Queen, one wonders how much we would benefit if she came about once a month. A blue stone wall is being hurriedly erected around the new Biology building to obscure the present work being done, and the exposed earth in front of the wall has been tarmacked over.

All the broken paving stones within twenty yards of Her Majesty's intended course have been taken up and replaced, and the paper signs on the toilet doors of the Haworth Building have suddenly disappeared to be replaced by neat new plastic ones.

All these improvements make one wish there were more frequent visits from the Royalty. I only hope that on the morning of the intended visit it pours. Then in the afternoon we shall see the harassed faces of the University authorities as the Royal Party negotiates the miniature lanes that always form on the paths between the

Valid

Much of his criticism is quite valid, and no-one on the staff would pretend that this issue is even part way to perfection, but it is a start that must be encouraged. At present, there is little knowledge in this Guild for assembling a magazine of this nature. It is in this respect that this issue is experimental.

Mr. Orwin accuses us of slander, in fact, unjustified slander, in the Editorial. The fact that some people are totally unaware that "Mermaid" is no longer a literary magazine, in spite of all the publicity, is a measure of how much interest some people show in the activities of the Guild.

A fact that I thought that Mr. Orwin would have mentioned is that he reviewed the proofs (and not even the assembled proofs at that!), and that, by choice, he did not take adequate proofs of the photographs in an attempt to construct the visual image of the magazine.

Yours etc.
DAVID WINNETT.
(Editor, "Mermaid").
DAVID BIRD,
(Editor Elect).

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5% Discount on showing Union Card.

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A career is what it's worth

If you divide the population into two groups—those who take THE TIMES and those who don't—you find this: those who *don't* take THE TIMES are in the great majority. Those who *do* are either at the top in their careers, or are confidently headed there.

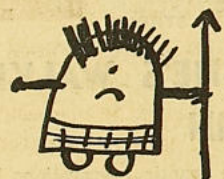
THE TIMES both by its seniority in experience and by its incomparable prowess as a modern newspaper, naturally commends itself to successful people. There is no high level conference, no board meeting, no top executive's private office into which THE TIMES is not apt to be taken.

This choice of a newspaper by people who get on is indisputable.* In which of the two groups do you place yourself?

Read THE TIMES

* STUDENTS AND THE TIMES: As a student, you can have THE TIMES for 2½d. Write for details to the Circulation Manager, THE TIMES, London, E.C.4.

Ballad from over the Border WINS GUINNESS TANKARD



Scots wha' hae wi' Wallace bled,
And Bruce's hardy fechtters too,
Would have turned to beer instead
Had they but heard of Guinness brew.



WORDS AND PICTURES BY COLIN YOUNG
OF EDINBURGH SCHOOL OF AGRICULTURE

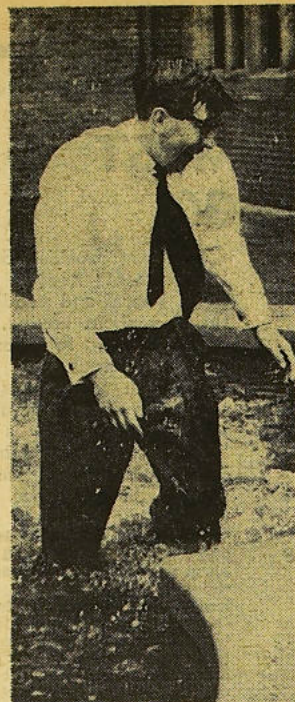


Photo: Pete Murray.

A charming and responsible candidate

DO you want a Vice-president who will make you curl up with embarrassment every time you hear her speak at a public or private function; if you do then don't vote for Marian Rogers.

However, if you want a Vice-president to feel proud of then vote for Marian. Why gild the lily? Rolls-Royce don't need to advertise, and there are no plastic teaspoons free with this product. Square-deal Rogers possesses no gimmicks: she does not need them.

The qualities she has make her the ideal candidate for the Vice-Presidency. Marian has the ability and character to be a worthy complement to the President and a valuable asset to the Guild in its relations with the University.

We feel that Marian is the best representative the women students can have, in what may well otherwise be an all-male Guild Executive. She combines a capacity for hard work, with a relaxed and pleasant manner, and has a notorious tendency to collect ailing children and stray dogs.

Two years' study of Theology have not made her a puritan, nor has service on Guild Council's Refectory Committee and Gramophone and Library Committee prevented her from being frequently seen in the Coffee Bar and Refectory. Her approachability has made the task of complaining about Refectory food almost a pleasure.

Without her unfailing help and encouragement the "New Mermaid," of which she is now Assistant Editor, would never have come into being.

Her attitude to the Vice-presidency is reasonable but not revolutionary:—



BECAUSE WE LIKE HER

• Val Tompkins, a philosophy student who has served on Union Committee and won the McKee debating cup.

NOW IT'S THE ADIES' TURN WHO WILL BE THE NUMBER ONE WOMAN

Who will be the President like the President she re-right-hand woman? presents this Guild at

Tomorrow you will choose she requires all the from three candidates. qualities of a president—in

It's not a crucial job, but a womanly way of course. Well, the choice is yours. The Vice-President's job is to use your vote—don't forget to look after a tired and using it gives you a right to hard-pressed President. grumble.



JANET THE GIRL US

THE favour of an impish sense of her zany giggle, Janet Russell, qualities of sociability, charm, conversation that are vital to the Vice-President.

Janet, History student, and was elected Council at the beginning of her to this, Janet had joined the society, where her enthusiasm is organising ability quickly lent.

As theory she knows well the heat of intricacies of committee work, and is of organising meetings and is important, she has gained immense in meeting and handling of for she has been involved in all canvassing, newspaper interviews, in appearance.

Her part work becomes clear when one is also the Vice-Chairman of the Guild, her interest being aroused by the moving procession from the Charleston! Her capable Vice-Chairman's post has contributed to happy running of the Committee.

Janet's ability of being able to put strange and keeping the conversation on a level.

Serious and courteous and reassured reply is made with a charm and words of their sting and leaves no doubt.

Janet Russell, 2nd-year history student and Vice-Chairman of the Guild's Annual Committee.

Janet fully recognises that the Vice-President's committee and social work is of primary importance, but would like to see members polled to see whether a new television set is wanted and whether the main bar should be segregated on Saturday Night. She suggests that "Guild at Home" evenings should be cut to one a year, and the money put to a better use—such as developing Inter-Departmental sport. Lodgings Regulations should be modified to allow students greater freedom, in the belief that students will respond sensibly.

We believe that because of her personal qualities and her wide experience of Guild and external affairs, Janet Russell is most eminently suitable for the post of Vice-President.

ANDY BARROW, (Chemistry).
DOROTHY WATSON, (Mathematics).



Pouring out tea for the Vice-Chancellor, for instance, whilst arguing for improvements in the Lodgings regulations. Also diplomatic relations all round—and a considerable amount of executive work—and an attempt to secure cohesion between the several standing committees of the Guild.

Would there be any clash of academic and Guild commitments? No, since she would not be in her final year, having done two first years, in different departments (from choice). What would her reaction be if elected? She would at once rush up to her proposers and kiss them in commendation of their good taste and judgment.

That's Val Tompkins, that is. She has faults but it would be out of place to retail them here. For the record she is in the Philosophy Department, has served on Union Committee, and on those of Deb. Soc. and ORD; has been to three Balls, nine Hops and four GTG productions; and her favourite colour is pale green.

We hope that her lucky number tomorrow turns out to be the highest lucky number of the three.

TERRY STAPLES (Education)
TIM BETTS (Medicine)

BIRMINGHAM REPERTORY THEATRE

"TWO STARS FOR COMFORT"

by John Mortimer

Evenings 7.15. Matinees Wednesdays and Saturdays, 2.30
Special rates for students on certain nights.

Now booking for "THE COUNTRY WIFE," by William Wycherley (4th June for three weeks). Box Office open 10 a.m. to 8 p.m. M1Diand 2471.

Student Societies:

For . . .

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Contact: STUDENT AFFAIRS OFFICE,
AMERICAN EMBASSY, LONDON, W.1.

WALL IS RUBBISH READ IT!

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YOUR NAME

AND ADDRESS



NEW BABIES FROM OLD BRAINS

Riding high

THE University Cycle Racing Club has had a very successful start to the summer term, bringing back three medals from UAU championship events.

The UAU Massed Start Road Race Championship near Potters Bar on Saturday was won by Manchester's P. Gordon, who rode in the World Championships last year. Second was Birmingham's Brian Cronin, finishing only 45 seconds behind the winner, and third was Dave Lucas, also of Birmingham. Lucas has previously won the UAU time trials this season.

Top Pakistanis here

THE High Commissioner for Pakistan was the chief guest at the Pakistani Society Dinner last Sunday. Rodney Klevan, Guild President, Roger Humphries the Guild Secretary and Ahmed Qidwai, Guild Treasurer, were also guests at the dinner.

Depends on people dying

PERHAPS Birmingham is marked down in the Pope's Black Book, since it was in Birmingham that the initial trial was made of the first oral contraceptives used in England. If this rather unlikely supposition is true then perhaps Brum is off the Index again following the announcement from the Women's Hospital recently of a new treatment to make women pregnant. Over now to our reporter speaking on the phone to Dr. Crooke of the Women's Hospital.

"I believe you have something called, for want of a better word, a pregnancy pill."

"Really? For or against?"

"Well, some rather hoped it was against, but we believe it is for. Perhaps you could enlighten us?"

"In that case it is not a pill at all."

"Oh."

"It's a preparation made from the pituitary given to women who have stopped menstruating, so that they start ovulation."

"What percentage success have you had?"

"Four out of four."

"Have you only tried it on four women?"

"There is another group of four, but no success at the moment. They are ovulating but are not pregnant. But you understand that it might not happen in the first month?"

"I understand... This preparation must be a hormone..."

"Yes, the pituitary taken from post-mortem samples."

"The pituitary is in the brain isn't it?"

"Somewhere up top."

"Can't you take the preparation from a living person?"

"They might miss it."

"Will the preparation become available on National Health?"

"It's all a question of how many people die..."

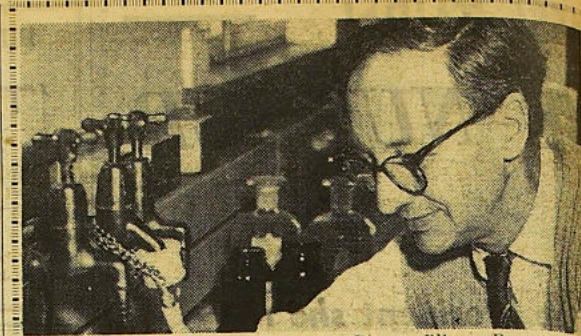


Photo: Bham. Post & Mail

• Dr. John Fremlin with his de-fluoridator.

BONE-MEAL ANSWER TO FLUORIDE PROBLEM

New Brum Triumph

YOU can now have your water with or without, with or without fluoride that is. A device, using the same principle as a water softener, has been invented at Birmingham to remove the fluoride from tap-water that so many health authorities are trying to introduce.

The inventor is Dr. J. R. Fremlin of the Physics Department. Using ordinary garden bone-meal which has been heated to dull-red heat to remove organic material he has succeeded in extracting up to 98 per cent of the fluoride present in the water. The actual mechanism of the removal is not fully known, but it depends on the action of the hydroxyapatite anion in a similar fashion to the "permanganate" agents in water-softeners etc.

Advocate

Strangely enough, Dr. Fremlin is a strong advocate of the fluoridisation of drinking-water, indeed both his daughters use fluoride mouth-washes. He describes his invention as a bit of altruism. "In doing this I'm catering for a small minority. Personally I think they are misguided and ignorant, but I prepared to offer them a way out until they become educated enough to think differently. They probably don't know the difference between thalidomide and fluoride, anything ending in 'ide' is regarded with suspicion."

"Some people are convinced that scientists don't regard other people in their work. By doing this I hope to demonstrate that they are wrong."

FINDING OUT HOW YOU TRAVEL

FOLLOWING a pilot survey in Birmingham, a motor survey, under the name "Planning for the Motor Car in Towns and Cities" is being held in large towns over the country.

The survey was initiated by the Graduate School of Highway and Traffic Engineering of the University of Birmingham and the Birmingham School of Planning. Mr. C. K. Atkins, a research student from the University is present supervising the survey.

The actual form - distribution and interviewing is to be done by students in Highway Engineering Departments of Universities in various towns. The student will visit each house, once to count the number and kinds of vehicles owned by the household and to leave a form for each member of the household.

TRAVEL

There is a short form for use under 17, asking about distance travelled and forms of travel. Each adult is asked to fill in either about Work and Home Travel or about Social and Shopping Facilities. The more detailed information collected will be fed through computers at Birmingham University.

I.C.I. RESEARCH SPEEDS INDUSTRIAL PROGRESS



INSURANCE FOR SHIPS' RUDDERS

Ships' rudders have a hard life. Being hollow and situated near the waterline—in air one moment, submerged the next—they corrode and are prone to develop leaks. Because seawater inside them means unwieldy response, strained bearings, and perhaps finally a lay-off in dry dock, I.C.I. technologists, working with shipowners, have sought a solution to this problem—and they have found it. Two I.C.I. liquids are injected together into the rudder where the mixture rapidly swells out and sets into a rigid foam (urethane) that fills every nook and corner, and bonds with the interior surfaces to form an integral structure into which water cannot enter. Buoyancy is scarcely affected. Rudders filled with this I.C.I. urethane foam are today in service on a wide variety of naval and merchant craft, from oil tankers to nuclear submarines.

Not every day does I.C.I. announce the discovery of a new plastic like polythene, or a new dye or drug whose fame will go round the world. But its research workers are continually probing forwards. Almost every day sees advances on some fronts. Sometimes these are minor in key, but they are often major in industrial impact. Here are three examples:



SPEED-UP IN THE BUILDING INDUSTRY

Nowadays, neither builders nor future occupants need put up with a long wait while new buildings dry out to allow decoration. New dry materials, such as lightweight concrete and diatomite, have become available, but their very dryness produces high suction which makes it difficult to apply conventional mortars and plasters. I.C.I. research has solved the problem with Nobel Plasters and Plastic Cement. Used in conjunction with modern dry building materials, they permit occupation of new premises in a matter not of months but days.



CHEMICAL "SKIN" FOR ENGINEERING EXPORTS

Corrosion of metal is a costly item in industry's budget. Yet in the past year or so Britain's engineering industry has exported millions of spares and components to all parts of the world, confident that they would not corrode en route. This was made possible by I.C.I.'s development of "Tri-lac", a solution of synthetic resin in trichloroethylene. "Tri-lac" coats metal surfaces with a resin film that protects them against corrosion.



I.C.I.'s far-ranging research is contributing to progress in many fields

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WIVAB hat-trick bid

LADIES' TENNIS VI NEAR SEMI-FINAL

THE Ladies' Tennis Team, winners of the WIVAB tournament for the last two years, have made an excellent start to this year's competition. Having already defeated Nottingham 8-1, they overwhelmed Keele 9-0 on Saturday.

Among the highlights of the afternoon was the play of the University Captain, Miss Goodall, Derby triple champion, and her partner Miss Whitehouse. Giving a highly polished performance they lost but three games all afternoon.

ATHLETES IN FORM

THE athletics team has made a creditable start to the 1963 season. The first match was four-cornered, and Birmingham comfortably beat Manchester and Leeds with Bristol a poor fourth. There was another win on Saturday, May 4th over Nottingham and the Halesowen Club.

Some weaknesses were exposed on Monday when Birmingham finished 35 points behind Birchfield in a keenly supported evening match. Lozells were third.

On Wednesday a strong German team from Göttingen University beat Birmingham 80 points to 65. The match took place in pouring rain which hindered good performances.

Notable individual performances to date include: a 4 min. 22 sec. mile by J. Feast, Simpson's 22ft. 3ins. long jump, 191ft. with the discus by B. Dale, and a triple jump of 45ft. by Scott.

UAU Rowing

BIRMINGHAM entered two crews for the UAU fours championships at Nottingham last week.

The firsts were beaten by a heavier crew from Nottingham over the one mile course, both crews being shaken by a large motor launch passing between them at top speed.

The second four had a good run, beating Bangor before narrowly losing to Loughborough.

Both crews will row at the Birmingham Regatta on May 18th.

Soccer team out of danger

DESPITE losing 4-2 to Warley Wanderers at Prichatts Road on Saturday, the University Soccer XI have alleviated relegation worries and should finish the season in a very respectable position indeed.

At the beginning of term Birmingham were lying at the foot of the Premier Division of the Birmingham League. During the last fortnight, however, they

have gained 12 points out of a possible 16 and are at the moment comfortably placed midway up the table.

With two fixtures outstanding, Birmingham should end the season just a few places below the champions.

SPECTATORS' GUIDE

Ladies' Cricket: Sat. 18th v. Reading.
Men's Cricket: Wed. 15th v. Nottingham; Thurs. 16th v. Coventry; Sat. 18th v. Loughborough.
Athletics: Wed. 15th v. Leicester; Sat. 18th v. Univ. Coll. and King's Coll.
Soccer: Wed. 15th (6.30) v. Halesowen G.S.O.B.
Men's Tennis: Thurs. 16th v. Post Office Stores.

HAVE YOUR SHOES REPAIRED BY PAYNES

Perhaps the system is wrong: the intense concentration of the academic year into the summer term is not necessary nor even desirable; while the weather is at its best everyone is working away in the library. Still for now the situation remains. Come on, lads, do your bit.

sporting REDBRICK

No chance of UAU title

IT was a week of ups and downs for the Men's Tennis Team. On Wednesday they were beaten 6-3 by Leicester in a UAU match and so have no chance of going any further in this year's competition.

The match was played in pouring rain, and wet rackets and broken strings meant that chances were not taken. Schofield and Bishop missed six set points while losing to Leicester's second pair.

Leicester are a much improved team with two new county players this year. For Birmingham only Westmoreland and Bryan played well.

On Saturday the tables were turned and St. Paul's were beaten 8-1. Schofield, playing with Bryan, won all three, dropping only three games.

Rao and Stredwick made a promising debut showing commendable spirit and winning all their matches. Despite losing their first match, Westmoreland and Polley rallied well to beat St. Paul's 2nd and 3rd pairs. The team is now in Division 4, having been steadily promoted from Division 13. It seems possible that they will be in Division 3 next season.

See Sports Comment.

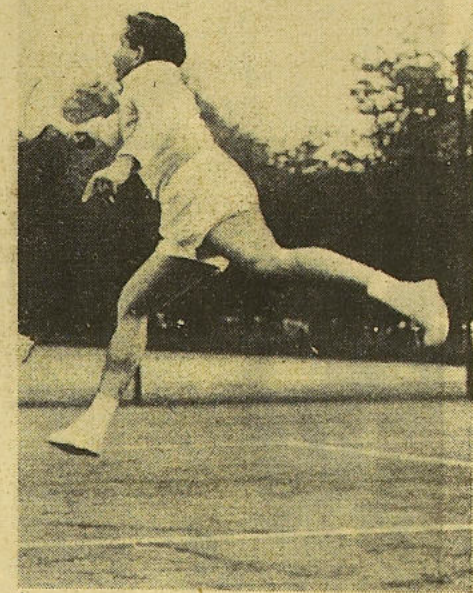


Photo: Pete Murray.

• Rao, newcomer to the first team, in action against St. Paul's on Saturday.



Photo: Pete Murray.

• Woods and Ripley thwart Warley.

I know a bank...

Actually, as Shakespeare fans will recall, the bank that Oberon was talking about was the sort whereon the wild thyme blew. Just the thing for a midsummer night's dream no doubt but not nearly as much practical use to the student as the other kind of bank—the Midland, for example.

There's nothing difficult about opening an account with the Midland, just a few simple formalities and the thing's done. Have a word with your local manager—he'll be very willing to help. And you don't have to go to Athens for this bank, either. There's a branch of the Midland in every university city and town.



MIDLAND BANK

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Hepping up the coffee room

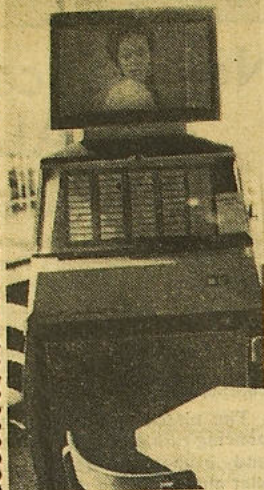


Photo: Alan Cohen

THE latest gimmick in juke-boxery is to have a moving picture of the singer thrashing away while the record is playing. "If there's anything that you want, if there's anything I can do" sob The Beatles, while their animated figures flicker above the record player.

Next Tuesday, Guild Council will decide if the Union is to avail itself of this latest triumph of 20th Century technology. If Council approves, members will soon be

downing their crisps and coffee in Founder's Room to the strains of sweet music.

Juke boxes are supplied and installed free of charge by three firms in Birmingham. In some cases the machines are rented at £8 weekly but normally the first £4 is extracted from the takings and the remaining balance would be split 50-50 between the firm and the Guild.

The snags? Apart from the pained cries of people who object to being force-fed with

music while they eat, they are that the Founder's Room wiring is already badly overloaded and that the cost of new wiring would be about £30.

The box would be switched off on evenings when any show was on in the Debating Hall as the dimly heard strains of "Smoke Gets in Your Eyes" do not go well with a performance of "Antigone."

Does anyone feel strongly about the matter—either way?

QUITE A LOAD OF RUBBISH

Poor debate

POLITICAL debates in this University rarely approach expectations. The latest was no exception. The speeches lacked content, were long-winded, repetitive, uninformed and frequently irrelevant.

The motion was nominally that "the Labour Party is totally unfit for government." Clearly the opposition speakers would have been happier with the motion that the Tories are unfit to govern.

The defeat of the motion was not surprising as it is heavily weighted in the opposition's favour and as Bob Mundy's opposition speech was the best of a bad bunch. His seconder let him down by repeating the speech, using copious notes.

The proposition achieved very little. David Hugill said nothing in a short time and Vivien Cowle read Labour pamphlets for too long.

When the motion was thrown to the floor, most of the house had gone home. The floor speeches matched those from the platform, but Hartley-Brewer made a sound abstention speech.

LOOK ROUND

• PETER ROBBINS, Coventry and England Rugby wing-forward speaks in the Academic Festival on "Rugby." Mr. Robbins teaches French and Rugby at King Edward's school just over the road from the Union, so he won't have far to come to lecture.

• PHOTO SOC's competition for the Festival is still open for entries and will remain so until after the exams. Prizes for winning exhibits. Exhibitors contact Brian Croll.

• ALL the splendour of Birmingham's top rhythm bands will play during the Festival in a Rhythm Club Jam Session.



Photo: Alan Cohen

- The new President gets a soaking from a water bomb at the hustings. Caught in an unguarded moment between listening spellbound to inanities and uttering them himself, he provides one of the few highlights of last Wednesday's third-rate cabaret.

Orgy of orange squash FRUSTRATED THIEF GETS REVENGE

A THIRSTY thief visited the main Union bar last Wednesday night—but he was disappointed to find all the Union cash locked away, and the beer off tap, for the night.

In his disappointment he downed thirty shillings worth of orange squash, lime juice and crisps, leaving the floor ankle deep in empties before staggering off home to sleep off his monumental binge.

Having first smashed two storeroom windows, the thief (or thieves) gained admittance by breaking a bar window, forcing a faulty window catch and clambering into the bar-room. The break-in then became an obstacle course as the raider levered up the bar-grille and crawled under it across the bar top.

There were signs of an attempted entry into the storeroom—bits being gouged out of the door round the lock. The tariff board was wrenched almost from the wall—in pure frustration perhaps? No other damage was done.

Full bottles of Martini and Campari were found outside the building where the bloated thief must have dumped them. But one thing he did take was barman Arthur Dunkerley's radio.

Little interest was shown by the police who were informed early on Thursday morning, but did not appear on the premises. No-one knows whether the raid was the act of some drunken students returning from the "Barrels," or whether it was the action of some itinerant layabout.

TACKLING THE UNUSUAL

MR. BRIAN WALDEN, candidate for All Saints', Birmingham, spoke to the Socialist Union last Friday.

He discussed some issues which he thought vital, but little considered because they are not the usual subjects of party politics.

Although he spoke just after Labour's great success in the Municipal Elections, Mr. Walden avoided the current political controversies. He concentrated on such problems as the future of the newly emergent countries of the world, the coming pattern of world trade and the social stratification of Britain.

WET START TO A NEW ERA

Paling romps home

DOUBTS about the number of candidates standing for the Presidency were resolved last week when John Paling was seen talking to friends in the open spaces of the Concourse Lounge and Rodney Watts appeared behind an UNSA stall in the New Entrance Hall.

After this ceremonial but unofficial "showing to the voters" proceedings rapidly moved to a climax with policy speeches in REDBRICK and the hustings.

Mr. Paling promised nothing but offered to involve the Medics in the Guild and to attempt a solution of the lodgings problem; Mr. Watts wanted to depreciate and form a beautiful friendship with the Vice-Chancellor.

The hustings were even more thrilling. They opened two minutes late, before a packed Debating Hall and Rodney Klevan looked grave—he must have known what was coming.

Rodney Watts had elected to speak first. He spent very little time actually speaking but leapt upon every remark from the semi-official hecklers which gave him an opportunity to sing and dance. He interspersed his acrobatics with shouts of "Progress" and "Forward," leaving the audience to reduce from these ejaculations his proposed policy.

SPELLBOUND

The third-rate cabaret atmosphere seemed to take hold of John Paling too. He either stood spellbound listening to the inanities of the floor "speakers" or else spoke himself, drily and with attempts to end most sentences with a pun.

An unusual departure this year was that of Mr. Klevan, who left the stage to the two candidates, perhaps in disgust, and on his return refused to heckle them from the floor. The assembly was tersely refused permission to sing the University Anthem.

There was no acrimony in the proceedings and little wit. On the whole, rather a pathetic show.

An awkward pause followed the voting on Thursday during which the odds on Mr. Paling lengthened from 2-1 to 4-1. The ability of the bookmakers was confirmed on Friday when Mr. Paling was declared elected by 1,081 votes to 444.

The new President was then deposited in the Mermaid fountain by men who only two minutes before had been shaking the Presidential hand and drinking the Presidential beer. And so another glorious new era opened.

BANNED PAPER COMES BACK

Hull's "Torchlight" has reappeared after being banned for a term for calling the refectory food "dung."

There was a close contest for the editorship, which eventually went to Miss Jo Muntion, who has been running the news-sheet "Hull's Torchlight's" stand-in.

Ring-a-ring of roses

THE large holes being dug along side the Union are the excavations for the new Ring Road under which cycle-racks will be built. A pedestrian bridge may be built across the road.

Sizing it up

OVER the last few days a little man with a large measuring stick has been wandering around the Union; not alas from Codd and Clore, but merely working out an estimate for redecorating the place.

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SUNDAY FLIC 19th May

7.30 p.m. in the Debating Hall

Joseph Cotton — Orson Welles
in

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plus

"Upswept Hare" and "Tugboat Granny"

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