

## A library's metamorphosis

Creative Arts Fellow Stan Ostoja-Kotkowski took these photographs of the Chifley Building of the Library, using a distorting mirror and other optical devices to create images which were then captured by his camera. In this way Mr Kotkowski sought gradually to distort the image until, by joining the third photograph to a mirror image of itself, he achieved a surrealistic effect far removed from the more familiar appearance of the first picture. Photography is just one of Mr Kotkowski's interests and something of the work he has undertaken in many fields since arriving in the University in March will be seen in an exhibition he is planning for later in the year.

## Undergraduate protest at possible increases in tuition fees

The President of the Students Association, Mr M. Wright, has criticised proposed increases in undergraduate tuition fees. He said last week that there was a good case for ANU tuition fees to be lowered — not increased.

The proposed increases, which are being considered by Council, were suggested by a Council committee on tuition fees, of which Mr Wright was a member. The Students Association recently was informed officially of the proposed increases.

The recommended increases are:

- The fee for the basic annual unit in the BA, BA(AS) and BEc pass course be increased from \$90 in 1971 to \$96 in 1972.

- Increases to \$102 in 1973 and \$111 in 1974 for the basic annual unit be foreshadowed.

- Corresponding increases be made for subject fees in the Faculty of Law.

- Fees for units in a BSc pass course be increased at a lower rate (some \$45 less than the total increase in BA, BA(AS), BEc pass fees over the period 1971-74) with the object of making BSc pass fees ultimately equal to the fees in the other three degrees courses mentioned.

- Fees for the final honours years be increased to \$270 in 1972 with no further increases foreshadowed for 1973 and 1974.

- The maximum tuition fees payable by an undergraduate student be increased from \$360 in 1971 to \$384 in 1972, with increases to \$408 in 1973 and \$444 in 1974 being foreshadowed.

- Fees for Masters preliminary or qualifying students be increased from \$72 in 1971 to \$90 in 1972 for the Faculty of Law and from \$144 in 1971 to \$180 in 1972 for other faculties with no further increase foreshadowed for 1973 and 1974.

- Course fees for a Masters degree candidate remain at \$216 for 1972 with no increase foreshadowed for 1973 and 1974.

- Fees for PhD students remain at \$120 per annum for 1972 with no increase foreshadowed for 1973 and 1974.

Mr Wright told the *Reporter* last week that undergraduate tuition fees had been increased this year as the last stage of a three-stage increase during the years 1969-71. To embark on another series of increases over the next three years would mean increases every year for six years, he said.

Mr Wright said ANU students were facing increases in their fees not because ANU was facing a drastic liquidity crisis, as was the University of Melbourne, but because fee parity with other Australian universities had to be maintained.

'The most significant reason for the increases is the maintenance of fee parity with other universities,' he said. 'Parity is important because it means that one university is not prejudiced or advantaged when the government and the AUC allocates finances.'

This argument in favour of parity sounded logical, Mr Wright said, but when examined in detail several disadvantages could be seen.

### UNI. HOUSE INCREASES RATES

Faced with an additional annual cost estimated at \$22,000 as a result of substantial increases in April in the wages of kitchen and dining room staff, the Governing Body of University House has announced an increase in tariffs and meal charges from 15 July. From that date a book of meal coupons will cost \$6 (an increase of \$1), implying a coupon cost of \$1.20 for lunch and \$1.80 for dinner. Except in the case of Research Scholars (where tariff is unchanged) the increase in tariff to residents is in the range of 10 to 15 per cent. The new schedule of tariffs

and casual catering charges can be obtained from University House front office.

There was no scope for experimentation in fee structures and the 'vicious circle of spiralling fees' must always continue; when one university was forced to increase its fees for one reason or another, even for a purely local reason, then all other universities were expected to follow suit to at least some degree; and the government was never forced to seriously consider whether a fee-paying university structure was the best system for the nation.

'The need for one university to begin to question the increasing cost of education is long overdue,' Mr Wright said. ANU should begin to ask that the rationale behind the 'fee university' be opened to full and detailed discussion. 'ANU should do this by not increasing fees in the 1972-74 triennium rather than follow "sheep-like" into education for the well-to-do,' he said.

Mr Wright said distinctive local economic and social conditions faced by ANU students suggested that they should pay lower tuition fees than at present. Difficulties confronting ANU students included the problem of finding cheap accommodation not faced by students in Sydney and Melbourne who had access to the Glebe/Carlton type of commercial student housing; the poor state of public transport which meant a car was almost a necessity for an off-campus student; the difficulty in finding part-time employment; and the high cost of living in Canberra.

'From these factors it is obvious that ANU students must bear a great deal in order to attend the ANU,' Mr Wright said, 'especially if they are paying their own way and have no hope of reimbursement. The Students Association believes the recommendations are against the long-term interests of students and the ANU.'

Mr Wright said abolition of academic fees had long been the policy of the ANU Students Association and the Australian Union of Students. He said it had been claimed that the income gained from increased fees at ANU would partly offset losses from inflationary rises and rectify the declining staff-student ratio.

However, he said, fee income amounted to only about 3.7 per cent of total recurrent expenditure by the University. In the University's AUC submission for the 1973-75 triennium recurrent expenditure was estimated at \$27,762,000 per annum while lecture fee income was estimated at \$952,188 per annum. 'This increase is not an economical increase for the University and it will assist the University very little but it will add greatly to the difficulties already faced by students,' Mr Wright said.

Mr Wright will make a submission to the University Council at its meeting on 9 July when the proposed increases will be discussed.

and casual catering charges can be obtained from University House front office.

The Master of the House, Professor R.N. Robertson, said last week that it was with regret the Governing Body had felt obliged to increase charges. Professor Robertson said the Governing Body was investigating means whereby wage costs could be reduced, including possible revision of the meal services in Hall, but such changes could not be brought into effect immediately.

He also reminded members of the University that the future of University House and its activities was currently being considered by a committee appointed by Council.

## America - what colour now?

The Director of ANU Press, Mr W.A. Wood, spent a month in the United States in May-June attending a meeting of the Association of American University Presses and visiting publishers and agents with a view to improving the distribution and sales of ANU Press books. Here are some of Mr Wood's impressions of his American homeland or, as he put it, 'the scattered observations of a native son, just back in the sheltering arms of Australia after a month-long tour'.

Trying to cope with the vast quantity of ice in my drink, standing in the hot Arizona sun of late May, I listened to some of the forty-six university publishers at hand for an annual meeting of the Association of American University Presses sing their laments. Yes, the students were now relatively inactive and campuses were peaceful, but for the first time in their experience, these publishers were experiencing declines in sales and were being forced to make serious cuts in their budgets. They were feeling the effect of the Nixon Administration's great reductions in funds for libraries and educational institutions and of the worsening budget positions of their parent universities. But misery likes company and a double martini, the desert air was clear, and Arizona is a long way from the troubled urban environments.

The next stop was New York City, where our arrival was greeted in perhaps proper New York fashion by the shooting of four policemen in two nights, two machine gunned in their patrol car outside the home of the local District Attorney, the other two shot in the back in a Harlem housing development. Give the men shotguns, urged the policemen's union, and I wondered if violent revolution had displaced the greening promised by Reich's *Consciousness III*. But sober voices prevailed. The *New York Post*, in language New York understands, said, 'Men who shoot cops in the back are not revolutionaries. They are cowardly bums trying to make something pretty out of murder . . . This town is tougher than any lunatic, and these people will be run down and caged like the animals they are. The cops won't need shotguns to do the job.'

And so I apparently was not witnessing a violent revolution. On the contrary, my stay in New York included peaceful trips on the underground and night-time strolls. Knopf-macher's views did not ring true. Smog seemed the worst problem, New York being the place where children paint skies brown and one has to telephone the suburbs to get an accurate picture of the weather. With family in tow, we visited placid suburbs of New York and Minneapolis, and I saw yet more quiet in San Francisco, Toronto, and Portland. Life in these places seemed to be

continuing as I had known it four years before. The relative wealth, the absolute comfort, the huge cars, the enormous displays in the shops, —all were familiar signs.

But a month touring much of America inevitably uncovers unhappy conditions, and raises many questions. The war in Vietnam, totally unsupported it seems, is blamed for many of the society's ills. Unemployment, particularly high among minority groups, white collar technicians, and PhD graduates, is very much a concern. So too is drug addiction. Permissiveness ('sin' to police chiefs and others) assaults the unaccustomed Australian eye, and even Minneapolis takes on aspects of Copenhagen. Male and female liberation and ecology are today's catch phrases, taken up by Madison Avenue. Or are they more than passing fads? Hair is long, pants have flares, copper bracelets ward off evil spirits, armed guards patrol Arizona suburbs, obscenities are painted on New York's roof-tops, artificial grass has spread from stadiums to the suburbs. What really gives? Many are attempting to return to 'nature' and the simpler ways of yesteryear. Bicycles are increasingly popular, the *Whole Earth Catalogue* sells in the hundreds of thousands, communes are an accepted way for the young, and hand weaving is widespread. Is this Roszak's 'counter culture' and Reich's green revolution? Was I a witness to a quiet revolution against 'technocracy', the beginning of the end of the corporate leviathan, remote government, and highly organised life? I do not know, and I doubt if anyone does.

I do know that there are strongly anti-pathetical groups in America. On one side 'hard hats', encouraged by the *Reader's Digest*, call forth display of the flag and the slogan, 'America — love it or leave it'. On the other, radical groups, disenchanted with the liberal establishment, bitter about the war, computers, inequalities, commercialism, seem to be careering towards what may be anarchy. Are these polarized sections of American society leading the nation towards a violent revolution? I doubt it, but how can anyone be certain? The silent majority remains silent, and the visitor leaves wondering about many things. □

### DEATH OF ASIAN SCHOLAR

The Faculty of Asian Studies was deeply saddened and distressed by the sudden death of Dr Sutjipto Wirjosuparto, who collapsed while lecturing on the morning of Tuesday 29 June, and died almost immediately.

Dr Sutjipto, who was Senior Lecturer in Southeast Asian Civilization in the Department of Asian Civilizations, came to the ANU from his native Indonesia in April 1967. He had previously been Professor of Archaeology and Cultural History at the University of Indonesia, Djakarta, and was one of the most prominent scholars in his field. He had played a very significant part in the cultural life of his country, heading delegations to India, the Philippine Islands, and Iraq, and making official visits to Japan, Germany and the United Arab Republic.

Dr Sutjipto had much scholarly writing to his credit, mostly in Indonesian. His doctoral dissertation was in the field of Old Javanese literature, and he was the author of an Old

Javanese-Indonesian dictionary. His knowledge and understanding of the monuments of Indonesia, both pre-Islamic and Islamic, was unsurpassed, and he had a very wide range of historical interests. At the time of his death, he was engaged on research on the Javanese settlers in New Caledonia, which he visited during the last long vacation.

On his arrival at ANU, Dr Sutjipto and his family quickly adapted themselves to their new surroundings. 'Mas Tjip' had a high opinion of his Australian colleagues and students, and they had deep respect and affection for him. He had every intention of remaining at the ANU until his retirement. Gentle and unassuming, he soon became a very familiar figure in the Faculty Building, and he will be very difficult to replace both as a teacher and as a colleague. He leaves a wife and an eleven-year old daughter, to whom his former colleagues and students send their deepest sympathy.

A.L. Basham  
Dean, Faculty of Asian Studies

## Letter to Editor

### CONFERENCE REPORT 'INADEQUATE'

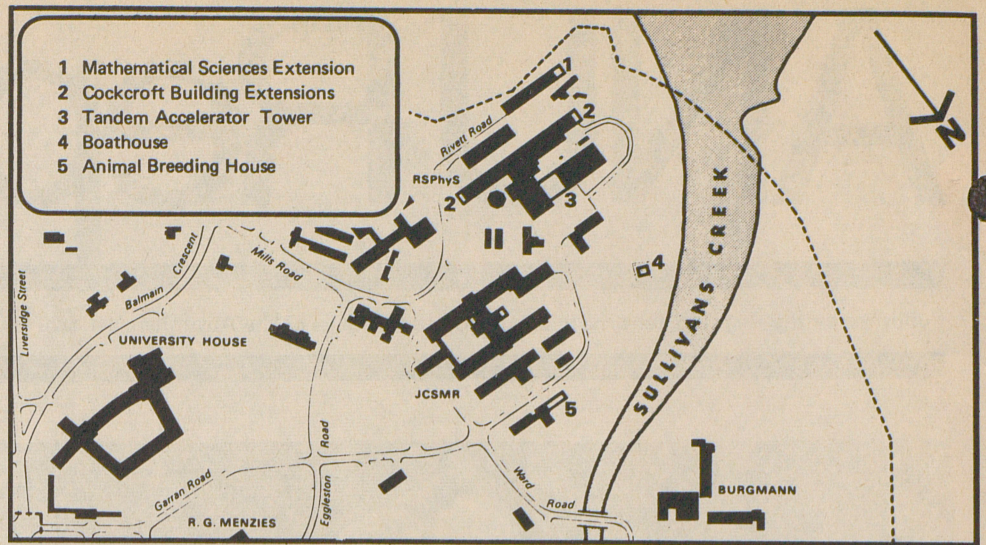
Sir, On page 5 of the 11 June issue of the *Reporter* there was an interesting article containing an interview with Mr Bain, the Education Officer of the ANU Students' Association, on the Third Universities Conference held last May at the University of New South Wales.

The theme of the Conference, 'The Australian University in the 1970s', was and is of great interest to all members of this University. I found it a pity, however, that the article contained only Mr Bain's views and those of Professor P.M. Brett of Melbourne

as quoted by Mr Bain. I believe that members of this University would also be interested to know of the views of other ANU delegates present on this, for us, so vital a topic and whether the Conference reached any conclusions regarding future development.

In order to appreciate the proceedings at a conference of this nature, perhaps a wider and more comprehensive report would help in the future to keep all those interested in the University's development informed about the arguments on both sides.

E.C. de Toth  
Secretary to the Union



## Many changes in Peninsula area

Construction projects worth about \$2.9 million are under way in the Peninsula area of the University. The work when completed will help to improve the appearance of that part of the campus.

The building projects and their total available costs are:

Extensions to the Mathematical Sciences Building of the Research School of Physical Sciences — \$159,000.

Extensions to both ends of the Cockcroft Building of the Research School of Physical Sciences — \$131,000.

A 140-foot high tower to house the new tandem accelerator; the tower and accelerator together will cost \$2,365,000.

A germ-free animal breeding house for the John Curtin School of Medical Research costing about \$240,000.

A boat house on Sullivan's Creek for the ANU Boat Club to cost about \$30,000.

The contract for the Mathematical Sciences extensions, which are up to the second floor level of the building, has been let to Capello and Anderson Pty Ltd of Canberra. The work, when finished in August, will provide additional space for the library and library store, and more offices.

The extensions to the east and west ends of the Cockcroft Building also being carried out by Capello and Anderson, will mean more space for the Department of Engineering Physics and a larger carpenters' workshop, Cornick Common Room and computer suite.

The extensions, which will be completed in about six months, will have not only a functional value but will help to improve the visual impact of the Physical Sciences complex. Stairwells at either end of the building are being constructed to a high aesthetic standard with masonry finish to enhance the visual aspect from the lake and Black Mountain areas.

The tandem accelerator tower is being constructed as an integral part of the Nuclear Physics buildings, the old high tension laboratory having been demolished to make way for it. The excavation has been completed and 180 cubic yards of concrete poured to form the base slab foundations.

Civil and Civic Pty Ltd, the contractor for the tower, expects to finish the first stage in about three or four weeks when

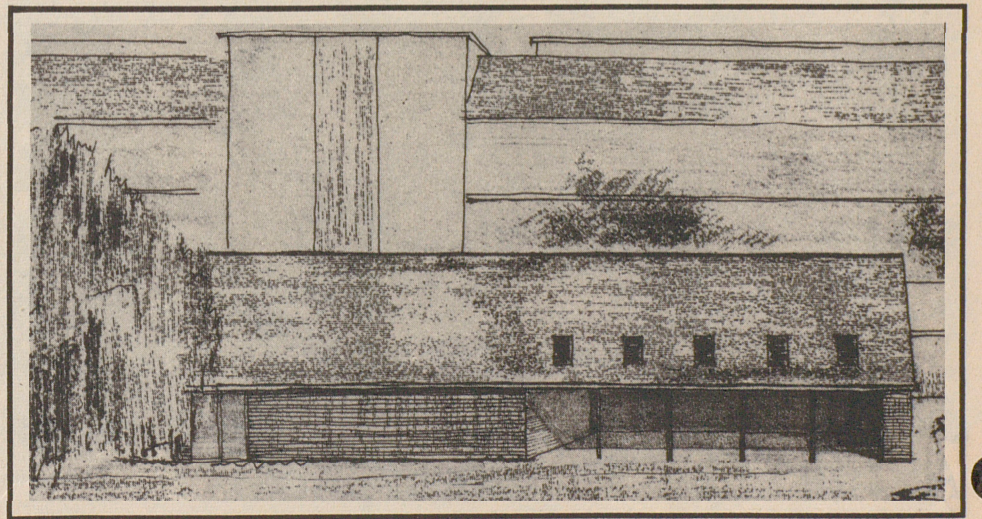
Babcock and Wilcox Aust. Pty Ltd will begin installation of a tank and auxiliary equipment for the tandem accelerator. This work will be finished by December when erection of the tower will continue. It is expected that the accelerator will be ready for testing late in 1972 and for experimental work early in 1973.

The new animal breeding house is to be built next to the present animal breeding facilities behind the John Curtin School near Sullivan's Creek by Capello and Anderson. The building, of unusual appearance (see illustration), will allow rats and mice to be bred in a germ-free environment. Complex air-conditioning and air-lock entrances will keep the animals and staff isolated from the outside atmosphere. The breeding house, which will supply several departments and outside bodies with experimental animals, is expected to be finished in about six months.

The boat house, being constructed on the eastern bank of Sullivan's Creek near the John Curtin School by B. McPhail of Canberra, will provide permanent accommodation for the fourteen boat shells owned by the Boat Club, which has been using a shed as temporary accommodation. The shells will be stored on racks and there will be enough room to meet the Club's future expansion. There will also be a workshop, showers and toilets in the boat house which will be completed in September.

The money for all the building projects has come from the University's 1970-72 triennial capital building program allocation.

Below. An artist's impression of the new germ-free animal breeding house with the rear of the John Curtin School of Medical Research in the background. Although it has a rural, barn-like appearance, the breeding house is very modern and functional in concept. Storage areas and air-conditioning plant will be in the ground floor of the building. In the high mansard-type roof will be the breeding rooms, sterilising and washing facilities, and air ducting and filters. □



### REPORTER DEADLINES

Contributors are reminded that copy for the next issue of the *Reporter* (23 July) must be submitted to the University Information Section by Friday 16 July. This deadline applies for news items, letters to the editor,

notes from departments, notes on visitors, classified advertisements and diary items for the period 26 July - 5 August. The 23 July issue of the *Reporter* covers a three-week period, not the usual fortnight. □

## Study of new approach on drugs

A new approach to developing programs with a view to preventing young people from becoming drug-dependent is to be the subject of a three-year research project in the Department of Sociology, SGS.

The study will be financed by a grant of almost \$50,000 from the Commonwealth Government as part of an education research project to be undertaken throughout Australia at a total cost of \$½ million.

The Head of the Department of Sociology, Professor J. Zubrzycki, said last week that a leader of the ANU study would be appointed in about a month's time. Details of the project will be determined once the appointment is made, but its general plan is already clear.

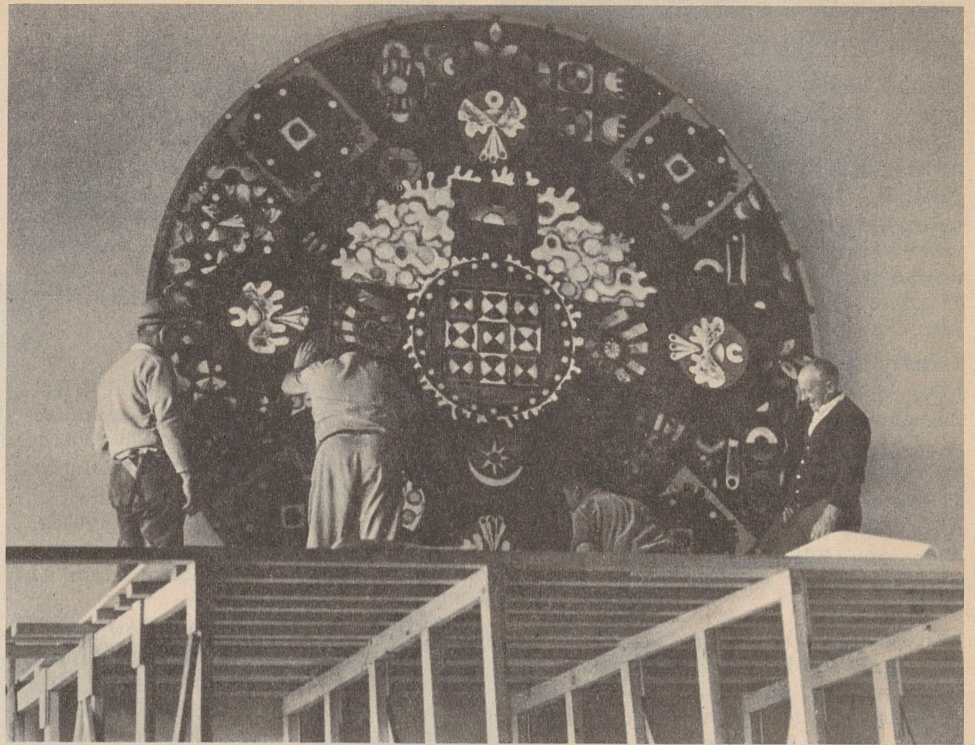
Professor Zubrzycki said it was being increasingly recognised that the traditional, teacher-dominated methods of drug education were largely ineffective. The Canberra study would observe the effectiveness of an education program channelled through peer groups among the city's young people. 'Peer groups' is the sociologists' term for strongly integrated groups, the members of which identify closely with their leaders and their group. The groups are spontaneously formed in a natural setting, be it in a school, a place of work or at a street corner. The leaders largely determine and control the values of the group and this fact has been used effectively in educating young people in the United States to the dangers of cigarette smoking.

Said Professor Zubrzycki, 'In any human situation the most valuable agent of social change and control is the group to which we belong. When we apply this idea to the problem of drug-taking we find futile the traditional techniques of drug education, such as films, lectures and leaflets imposed by a

teacher who, for obvious reasons, belongs to a group very different from that of the young people. The children are told that drug-taking is harmful but that is in fact good propaganda in favour of drug-taking, in that it heightens the interest of the young people and suggests drug-taking to them as a means of flouting the authority of the teacher who has instructed them.

'The enormous sums spent by government agencies throughout the world to combat the increasing abuse of drugs has not been very effective, so we have to find another way to get the message across. Given these doubts about the traditional methods of drug education and the observations made of the efficiency of peer groups in social control and in establishing values, we would like to set up a situation whereby a number of peer groups in Canberra are educated in the traditional, teacher-dominated way to the dangers of drugs. These groups would then be compared with other groups that would discuss drug-taking and methods of control without having ideas imposed upon them from above. These peer groups would be given resource material but they would be left to come to their own conclusions. If the leaders come to see drug-taking as harmful we could expect that all members of the group would think similarly.'

The leader of the project will be helped in his work by a research assistant, while students in Sociology might participate as interviewers and junior investigators. □



'Seven Days', a series of seven paintings by Leonard French, which the University lent for an exhibition in Perth early this year, has been mounted in University House. Six of the paintings have been hung in the dining hall foyer. The seventh - the largest work - has been placed on the wall above the High Table. Members of the Maintenance Section worked from temporary scaffolding to position the 'Seventh Day.'

'Seven Days', which was an attraction when previously on display at Civic Square, is being exhibited publicly at University House, but persons generally inspecting the seventh painting are not allowed to enter beyond the main glass doors of the dining hall. The 'Seven Days' paintings will remain at University House until permanent accommodation becomes available for them in the University.

## Eucalypts from cuttings next?

Research in the Department of Botany has resulted in the identification of a substance that inhibits the formation of roots by stem cuttings taken from adult eucalypts. The substance has been successfully synthesised in the Department of Chemistry and the way is now open for work which could lead to the affects of the inhibitor being overcome, thus enabling the propagation of eucalypts from cuttings taken from adult trees.

At present young eucalypts put out in plantations or offered for sale are raised from natural seed. These plants are often highly variable, but cuttings grow in a manner faithful to the characteristics of the donor plant. Thus vegetative propagation using cuttings has the advantage of maintaining desirable attributes. This advantage would apply particularly in the propagation of hybrid eucalypts because trees grown from seeds of hybrid species are especially liable not to duplicate all the characteristics of the parent tree.

Dr D.M. Paton, Reader in Botany, said last week it was well known that some cuttings, such as those from willows and poplars, took root very easily. Others, such as those from eucalypts, took root only with difficulty. He said that the reason for this great variation in rooting ability was a great physiological problem.

Dr Paton said, 'Eucalypts are planted extensively overseas as a complement to the native softwoods. Some hybrids are particularly good for this purpose but they are variable for the reasons I have mentioned.'

'A hybrid of good shape and form might be developed in a particular region for a particular purpose and it would be desirable to be able to take cuttings from that tree so that a plantation could be established that would maintain all the advantages of the original. Grafts would be a possibility, but grafting is too expensive to be carried out on the large scale necessary for commercial purposes.'

Dr Paton said that, with one exception, *E. deglupta*, eucalypts did not root easily from stem cuttings taken from adult trees, although they did root easily from leafy cuttings taken from young seedlings.

Working with *E. grandis* seedlings, Dr Paton and postgraduate scholar Mr W.

Nicholls found that with the increasing maturity of seedling trees there appeared to be a direct and quantitative association between the decreased rooting ability of stem cuttings and increased levels of a rooting inhibitor in the tissue forming the base of the cutting. This inhibitor is present only in adult tissue, being absent in the tissue of stems taken from eucalyptus seedlings. It is also absent in the easily rooted adult tissue of *E. deglupta*.

In work for his PhD thesis Mr Nicholls has been able to separate and identify three closely related inhibitory compounds found in *E. grandis*. This study involved close co-operation between the Departments of Botany and Chemistry.

Commenting on these developments, Dr Paton said last week that a eucalypt was unlikely to root when the inhibitor was present. It was only by removing or overcoming the inhibitor that it would be possible to tell if there were other things that affected root formation in stem cuttings taken from adult eucalypts.

He said, 'Some other plants root because there are a lot of promoters present, but the apparent overriding effect of the inhibitor in eucalypts has prevented detection of any promoters that may be present. Until we remove that inhibitor we will not know if it is the only factor inhibiting root formation in cuttings. Having identified, analysed and synthesised the inhibitor, which is a relatively simple compound, it should now be possible to find appropriate methods of rendering the inhibitor inoperative.'

'If the inhibitor is the only thing that stops rooting we can expect to find ways of propagating eucalypts by cuttings. Once we get to that stage no doubt the foresters and nurserymen will become very interested indeed.' □

## Bush Week will aid Life Line

The ANU Motor Cycle Club is planning a 24-hour marathon as one of the Bush Week events to be held on Friday 23 July. A relay of riders will ride a bike continuously around the campus from midnight to midnight to raise funds for the Bush Week charity, which this year will be Canberra Life Line.

The club president, Ivan Reid, said last week that the Club was looking for a machine suitable for the marathon. Mr Reid said a Honda 50 had been promised but it had recently been involved in a collision with a car and was not in good condition, so a replacement was being sought. He said the machine should be small to avoid too blatant a breaking of the on-campus speed limits.

'However, even with such a small bike it is probable that the Club will be able to claim a world record for the marathon,' he said. 'The Guinness Book of Records doesn't list any such event.' He said that the marathon could become an annual event if support this year was sufficiently encouraging.

The organisers are hoping that sponsors will be found who will pay a certain sum for every mile run in the marathon. The Club will also have a guessing competition in which people will be asked to estimate the total mileage covered and the average petrol consumption.

Anyone who can help as a rider, by providing a bike, or by sponsoring a rider, should contact Mr Reid at room 155, Garran Hall.

Bush Week will begin on Monday 19 July and the Bush Week holiday will be on Friday 23 July. No lectures or tutorials will be held that day.

The President of the SRC, Mr Michael Wright, said last week that planning for this year's Bush Week activities had begun very late. The post of Bush Week Director had

been advertised since the beginning of the year but no student had applied, so a small committee of the SRC had taken over the organising. Mr Wright said he thought the student effort put into the Aquarius Festival of University Arts had taken away the enthusiasm many students might have had for organising Bush Week.

Because planning had begun so late, Bush Week activities this year would mostly be confined to those that had been successful in the past, Mr Wright said. 'We will try to make as much success of it as we can by encouraging people to enter into the traditional student activities of Bush Week,' he said.

A special Bush Week edition of *Woroni* will be printed and sold in the city to raise donations for Canberra Life Line, the Bush Week charity. Abschol is trying to organise a student tricycle race through Canberra streets. The St Vincent de Paul Society and Koomarri will be invited to set up second-hand clothing stalls on the Library Lawn.

On Bush Week Friday there will be the usual scavenger hunt around the campus and treasure hunt up Black Mountain. There will be two or three dances during the week, including the Bush Week Ball in the Union on Saturday 24 July.

The Forestry Society will probably hold a woodchopping contest on the Library Lawn with a nine-gallon keg as the prize and the ANU Theatre Group will stage a Bush Week play at the Childers Street Hall. □

at a further seminar to be held late in 1972.

People from all parts of Australia concerned about the quality of schooling will consider possible ideals for Australian education against a background of the demands and constraints placed on the school system.

People planning to attend the seminar will be asked to nominate themes which they consider to be of particular importance for discussion over the weekend. These suggestions will be pooled to form the basis of an agenda for the seminar.

People wishing to participate should apply to the Director, Centre for Continuing Education, and return the application form not later than 31 July. Canberra people going to the seminar will be asked to help with offers of accommodation. □

## SCHOOL EDUCATION STUDY

Working parties to be set up at a seminar/workshop on Australian school education in October will report next year on critical areas that warrant detailed inquiry and analysis.

The October seminar will be held in ANU from Friday night 29 October to Sunday afternoon 31 October and is being arranged by the Centre for Continuing Education.

The organisers are hoping for a significant interstate representation which will enable them to establish working parties which will be linked with parties working in the same area but under a different State education system. The working parties linked in this way will prepare a joint report to be presented

## ANTI-APARTHEID MARCH

The Anti-Apartheid Committee in the University is planning a protest march to coincide with the Springbok Rugby Union match in Canberra on Wednesday 21 July. The march will leave the South African Embassy at 1pm for Manuka Oval where the match against an A.C.T. side is scheduled to begin at 2pm. The 24-hours-a-day anti-apartheid vigil outside the South African Embassy will continue as a lead-up to the 21 July protest. □

## LUNCHTIME TALKS PLAN

The ANU branch of the Health and Research Employees Association (HAREA) is making arrangements for guest speakers to give lunchtime talks in the H.C. Coombs Lecture Theatre on matters of general interest to employees. The secretary of the branch, Mrs B. Driver, said last week that particulars of the talks would be advised shortly.

Mrs Driver also said that the branch would be pleased to hear from any University staff members who wished to join HAREA. Mrs Driver's extension is 2582. □

## DIARY OF EVENTS

## Monday 12 July

*History of Ideas seminar.* Dr F.B. Smith, 'Some British Reactions to the Paris Commune'. Seminar room 4, Coombs Building, 11am.

*Urban Research Unit seminar.* Martin Painter, 'The Professional and the Layman in Local Government—Bureaucratic and Participatory Processes'. Seminar room 4, Coombs Building, 2pm.

## Tuesday 13 July

*ANU Club for Women.* Morning tea, 20 Balmain Crescent, Acton, 10.15am.

*Physical and Theoretical Chemistry seminar.* Mr J.M. Morris (SGS), 'Some Organic Dimers; Or How a Pair Gives a Splitting'. Room 57, RSC, 11am.

*Philosophy (RSSH) seminar.* Mr R.J. Sworder, 'Socrates' Virtue'. Seminar room 6, Coombs Building, 11am.

*Australian Student Christian Movement.* Mr J. Burns and Fr J. Rheinberger, 'Sanctification v Moral Relativism! Has a Christian access to absolute moral standards?'. Lecture room 5, Physics Building, 1pm.

*Biochemistry seminar.* Professor E. Reich, 'Purification and Properties of Botulinum Toxin: Preliminary experiments on the mode of action'. Florey Lecture Theatre, 1pm.

*Theoretical Physics seminar.* Professor Alladi Ramakrishnan, Director of the Institute of Mathematical Sciences, Madras, 'L-Matrix Theory and Applications to Elementary Particle Physics'. Seminar Room, Oliphant Building, 11am. Part II of this seminar will be given in the Seminar Room, Mathematical Sciences Building, at 4pm.

*Department of History lecture.* Peter Biskup, 'Black and White in Australia'. Lecture room 4, Haydon-Allen Building, 5pm.

## Wednesday 14 July

*Organic Chemistry colloquium.* Mr J. Brewer (SGS), 'Autoxidation of Tetrahydrodibenzofurans'. Room 134, RSC, 11am.

*Forestry seminar.* Mr G. Melville, 'Soil Sulphur'. Room 103, Department of Forestry, 1pm.

*Films in conjunction with Dutch I course.* *Amsterdam, Mirror of Holland, The Eleven Towns Tour.* Language Laboratory, Arts II Building, 1pm.

*RSPHYS colloquium.* Dr P. R. Fields, Director, Chemistry Division, Argonne National Laboratory, USA, 'The Heavy and Superheavy Elements'. Seminar room, Oliphant Building, 4pm.

*La Faluche film program.* *Au Boute de Souffle*, French Departmental Centre, Arts

II Building, 7.30pm.

*Australasian Association of Philosophy (Canberra Branch) meeting.* Dr P. Roeper, 'Tenses and Persistent Individuals'. Seminar room 1, Coombs Building, 8pm.

*Public lecture.* Dr Maximilien Rubel, Maitre de Recherche in the Centre National de la Recherche Scientifique, Paris 'Socialism and the Paris Commune'. H.C. Coombs Lecture Theatre, 8.15pm. The second of four public lectures arranged by the History of Ideas Unit to mark the centenary of the Paris Commune.

## Thursday 15 July

*Inorganic Chemistry seminar.* Dr B.F. Hoskins, University of Melbourne, 'Derivatives of 1,3-Diphenyltriazene (diazoaminobenzene) pyridine-2-aldoxime and Phthalocyanine'. Seminar room 134, RSC, 11am.

*Computer Centre seminar.* Dr P. Fenwick, 'Computer Arithmetic Hardware'. Room 5, Mathematical Sciences Building, 11am. Also on Friday.

*Women's Liberation meeting.* Downstairs meeting room, Union Building, 12.45pm.

*Immunology seminar.* Dr A.S. Kemp, 'The Cell Surface and the Migratory Properties of Lymphocytes'. Seminar room, JCSMR, 1pm.

*Recorded German Music and Drama.* Thomas Mann — author's reading from *Felix Krull* (Dr Burgstaller). Room 113, Arts II Building, 1.10pm.

*Far Eastern History work-in-progress seminar.* Mr D. Gagnier, 'French Involvement in China, 1895-1914'. Seminar room 4, Coombs Building, 2pm.

*Philosophy (RSSH) seminar.* Dr R.R. Brown, 'Rational Explanation of Irrational Behaviour'. Seminar room 1, Coombs Building, 2pm.

*ANU/CSIRO joint computing seminar.* Dr P.W. Milne, Division of Computing Research, CSIRO, 'The List Processing Language LISP and Some Examples of its Use.' Florey Lecture Theatre, 2pm.

*Developmental Biology seminar.* Dr D.F. Gaff (Monash University), 'The Resurrection Plants of Southern Africa.' RSC Lecture Theatre, 4pm.

*Geophysics and Geochemistry seminar.* Professor A. Sugimura, University of Tokyo, will speak on some aspects of island arc volcanic rocks. Seminar room, new Geophysics Building, 4pm.

*ANU Film Group. The Day the Fish Came Out* by Michael Cacoyannis. Coombs Lecture Theatre, 7.30pm.

## Saturday 17 July

*Rugby Union.* ANU Firsts v Goulburn at ANU, ANU Seconds v Goulburn at ANU,

ANU Thirds v Cooma at Cooma, ANU Fourth's bye, Forestry Thirds v Queanbeyan at ANU, Forestry Fourth's v RMC at RMC. *Society for Social Responsibility in Science party.* 8 Nardoo Crescent, O'Connor, 8pm. All interested will be welcome.

## Sunday 18 July

*ANU Film Group. The Wrong Box*, with John Mills, Peter Cook, Dudley Moore, Peter Sellers, Tony Hancock and Michael Caine. Coombs Lecture Theatre, 2pm.

## Monday 19 July

*History of Ideas seminar.* Dr M. Rubel, 'The Paris Commune and the Soviet Commune-Myth and Reality in France and Russia 1871-1917'. Seminar room 4, Coombs Building, 11am.

*Urban Research Unit seminar.* Lyndsay Neilson, 'Business and Location — The case of the intermediate consumer'. Seminar room 4, Coombs Building, 2pm.

*Theology seminar.* Continuing series. Music room, John XXIII College, 2pm.

## Tuesday 20 July

*Germanic Languages graduate seminar.* Professor Greene on crusading literature. Room 213, Arts II Building, 10am.

*Philosophy (RSSH) seminar.* Mr J. Honeyfield, 'Development, Maturity and Psycho-Analysis'. Seminar room 6, RSSH, 11am.

*Physical and Theoretical Chemistry seminar.* Professor D.P. Craig, 'Internal Conversion'. Room 57, RSC, 11am.

*Australian Student Christian Movement.* Michael Apthorp, Classics, 'Oppression and Fear in South Africa'. Haydon-Allen Lecture Theatre, 1pm.

*Biochemistry seminar.* Professor W. Bartley, 'The Effect of Oxygen Concentration on the Metabolism of Yeast Grown in Media Limiting in K<sup>+</sup>'. Florey Lecture Theatre, 1pm.

*Department of History lecture.* Humphrey McQueen, 'The Yellow Peril'. Lecture room 4, Haydon-Allen Building, 5pm.

## Wednesday 21 July

*Computer Centre seminar.* Dr P.M. Fenwick, 'Computer Arithmetic Hardware'. Room 5, Oliphant Building, 11am. Also on Thursday at 10am.

*Forestry seminar.* Mr M. Slee, 'Dormancy Induction in Slash Pine'. Room 103, Department of Forestry, 1pm.

*Films in conjunction with Dutch I course.* *The Paintings of Co Westerik, Vincent Van Gogh*, Language Laboratory, Arts II Building, 1pm.

*Royal Society of Canberra meeting.* Dr D.J. Forman, Bureau of Mineral Resources, 'Crustal Deformation in Central Australia.'

Institute of Anatomy Lecture Theatre, 8pm. *Public lecture.* Professor Austin Gough, Professor of History, University of Adelaide, 'The Paris Commune: Reflections on the death of an Archbishop'. H.C. Coombs Lecture Theatre, 8.15pm. The third of four public lectures to mark the centenary of the Paris Commune. Arranged by the History of Ideas Unit.

## Thursday 22 July

*Inorganic Chemistry seminar.* Dr W. Marty, RSC, 'Reactivity Patterns of Coordinated Mercaptide Groups'. Room 134, RSC, 11am. Visitors welcome.

*Computer Centre lecture.* Dr R.S. Anderssen, 'Interpolation, Quadrature and Numerical Differentiation'. Room 105, Mathematical Sciences Building, 11am. Also on Friday.

*Women's Liberation meeting.* Downstairs meeting room, Union Building, 12.45pm.

*German Recorded Music and Drama.* *Wennerberg*, Glutarne (Swedish songs), Professor Kuhn. Room 113, Arts II Building, 1.10pm.

*Philosophy (RSSH) seminar.* Dr J.B. Maund, 'Rationality of Belief-systems: Inter- and intra-cultural criteria'. Seminar room 1, Coombs Building, 2pm.

*Zoology seminar.* Professor L.C. Birch, School of Biological Science, University of Sydney, 'The Role of Environmental Heterogeneity and Genetical Heterogeneity in Determining Distribution and Abundance'. Zoology Seminar Room, 3.45pm. Visitors welcome. Tea at 3.30pm.

*ANU Film Group. The Group* from Mary MacCarthy's best-selling novel. Coombs Lecture Theatre, 7.30pm.

*Geophysics and Geochemistry seminar.* Dr F.E.M. Lilley, 'Electrical Conductivity Soundings of the Crust and Upper Mantle in Australia'. New Geophysics Building, seminar room, 4pm.

*Newman Society.* Subject to be announced. Ursula College Library, 8pm.

## Friday 23 July

*Bush Week holiday.* No lectures or tutorials will be held.

*French Plays Presented by 'La Faluche'.* *Candide* by Voltaire and *Les Boulingrin* by Courteline. Childers Street Hall, 8pm. Also on Saturday.

## Saturday 24 July

*Rugby Union.* ANU Firsts v Easts at ANU, ANU Seconds v Easts at ANU, ANU Thirds v RMC Staff at ANU, ANU Fourth's v Easts at ANU, Forestry Thirds v Cooma location unsure, Forestry Fourth's v Wests at Showground.

## Sunday 25 July

*ANU Film Group. Alexander Nevsky* by Eisenstein. Coombs Lecture Theatre, 2pm.

## NOTICES

**Rhodes Scholarship.** The University of Oxford is calling applications for a Rhodes Scholarship to be awarded to an undergraduate scholar from a university in N.S.W. or the A.C.T. The successful scholar would enrol at Oxford in October next year for a period of two years with a possible extension for a third year. The scholarship is worth £70 a month with the payment of fees. The N.S.W. Government will supplement this by up to \$300 a year where necessary. The scholarship is available for any field of study to an unmarried male student aged between 19 and 25 years of age on 1 October 1972, who has lived in Australia for at least five years and has completed at least two years of university study. The successful scholar may not marry in the first year of the scholarship. The scholarship is not confirmed until the scholar has been accepted by a college of the University of Oxford. He may apply to the British Passenger Lines Conference for a free return passage to Britain. Candidates may compete for an award either in the State in which they live or in the State in which they received any considerable part of their education. Interested students are invited to contact Mr S. Weir Wilson, Student Adviser, University of Sydney, before deciding whether to submit themselves for candidature. Students unable to call should write, setting out briefly their qualifications and details of their eligibility. Mr Wilson will supply further information, including the application form and other papers needed when making formal application. An information circular on the Rhodes Scholarship is held by Mr K.B. Kaus, room 38, Chancelry 2A (ext. 4241).

**Queen Elizabeth II Fellowships in the physical and biological sciences.** The Australian Government awards up to ten of these fellowships each year for full-time research by young scientists of exceptional promise and proved capacity for original work. Applicants should have a PhD or equivalent qualification in one of the physical or biological sciences (including mathematics and the scientific aspects of statistics, engineering, metallurgy, agriculture and medicine). They should be not more than 30 years of age on the date when applications close, which is 16 September 1971. The fellowships provide for a stipend of \$7,000 a year, increasing to \$7,500 a year at 28 years of age. Allowances of \$500 a year are paid for a fellow's wife and \$200 a year for each child. Appropriate insurance coverage and necessary travel expenses are also met. Conditions of the award and application forms are available from the Secretary, Queen Elizabeth Fellowships Committee, Department of Education and Science, P.O. Box 826, Canberra City, 2601.

**Queen's Fellowships in marine science.** Up to five Queen's Fellowships are awarded by the Australian Government each year for full-time research by young scientists of exceptional promise and proved capacity for original work in a discipline applicable in marine science. Applicants should have a PhD or equivalent qualifications, or have equivalent research or professional experience, and should not be more than 30 years of age on the date when applications close, which is 24 September 1971. The fellowships provide for a stipend of \$7,000 a year, increasing to \$7,500 a year at 28 years of age. Allowances of \$500 a year are paid for a fellow's

wife and \$200 a year for each child. Appropriate insurance coverage and necessary travel expenses are also met. Conditions of the award and application forms are available from the Secretary, Queen's Fellowships Committee, Department of Education and Science, P.O. Box 826, Canberra City, 2601. **Anzac Fellowship Scheme.** The New Zealand Government is offering two Anzac Fellowships to give Australian men and women who have achieved distinction or have shown potential in the professions, primary and secondary industry, commerce, education, public service or the arts, the opportunity of training, studying or furthering their professional experience in New Zealand. The fellowships offer a maintenance allowance of \$N24,745 a year, plus allowances for dependants, return air fares for the fellow and family, payment of approved internal travel costs, tuition and other fees. The awards are tenable for periods of up to one year. Candidates should preferably be under 45 years of age. Further information is held by Mr K.B. Kaus, room 38, Chancelry 2A (ext. 4241). Application forms may be obtained from the Secretary, Department of Education and Science (Anzac Fellowship Scheme), P.O. Box 826, Canberra City, who must receive the completed applications by 2 August 1971.

**Exchange Scheme with Institute of Oriental Studies, Moscow.** Under an agreement between ANU and the Institute of Oriental Studies, Academy of Sciences of the USSR, there are opportunities for senior members of staff and junior research workers to spend periods of from six weeks to four months in the Institute in Moscow. The Institute is also willing to arrange visits to its branches outside

Moscow and will help in arranging visits to other Institutes of the Academy of Sciences and of the Academies of the Republics. ANU will meet the cost of fares and the Institute will pay a tax-free stipend, the cost of accommodation and reasonable travel expenses. Any member of the University wishing to visit the Institute between 1 January and 30 June 1972 should contact Mr E. Helgeby, room 208, Chancelry, as soon as possible.

**United Nations Space Applications Fellowships.** Fifteen of these fellowships are tenable in Brazil at the Commissao Nacional de Atividades Espaciais, Sao Paulo, to people who have academic qualifications in engineering, physics, mathematics or meteorology, and are prepared to undertake studies leading to a doctorate. The purpose of the fellowships is to train scientists and technologists who will then be able to contribute to space applications programs in their own country. The fellow's tuition fees and subsistence will be paid by Brazil but travel to and from Brazil would have to be met by the fellow's employing authority. Application forms and further details are available from the Secretary, Department of Education and Science (Space Applications Fellowships), P.O. Box 826, Canberra, and completed application forms must be returned to the Department by 6 August. It is desirable that programs of study and research should coincide with the beginning of the Brazilian academic year in January. Applications must be accompanied by a statement of previous research, names of referees who are acquainted with the applicant's academic and professional experience, and an outline of the proposed study program.

**NOTICES** (From page 4)

**Gowrie Scholarship Trust Fund Postgraduate Research Travelling scholarships.** These scholarships are available for study in any approved overseas university for a period normally of two years. They are valued at \$1,800 a year and are available in any field of study. Applicants must be graduates of an Australian university and the son or daughter of a member of the Australian forces who saw active service during the second world war. Application forms and further information are available from Mr K.B. Kaus, room 38, Chancery 2A (ext. 4241). Applications close on 30 October with the original going to the Academic Registrar and the duplicate to the Trustees, Gowrie Scholarship Trust Fund, P.O. Box E.5, St James, N.S.W., 2000.

**Greek Government Scholarship.** The Greek Government is offering a scholarship to enable an Australian citizen aged not more than 40 at 31 December 1971 to go to Greece for postgraduate studies in modern Greek language and history. The scholarship is initially for one year but may be extended. It offers a monthly allowance of \$105 plus return tourist class air fare to Greece. Application forms for the scholarship are available from the Secretary, Department of Education and Science (Greek Government Scholarships), P.O. Box 826, Canberra City, who must receive the completed applications by 27 August 1971.

**Caley Memorial Scholarship.** The Gould League of N.S.W. offers an annual scholarship of \$500 to promote wildlife management, particularly in relation to bird life, in N.S.W. People interested are invited to apply by 30 November to the Secretary, Gould League of N.S.W., Public School, Crown St, Darlinghurst, 2010. The applications should be in duplicate and should indicate the person's qualifications and an outline of the proposed project or study. □

**FROM THE DEPARTMENTS**

**Applied Mathematics.** Dr J.W. Perram, previously of the Department of Mathematics, Manchester University, arrived at the end of June to take up a position as Research Fellow.

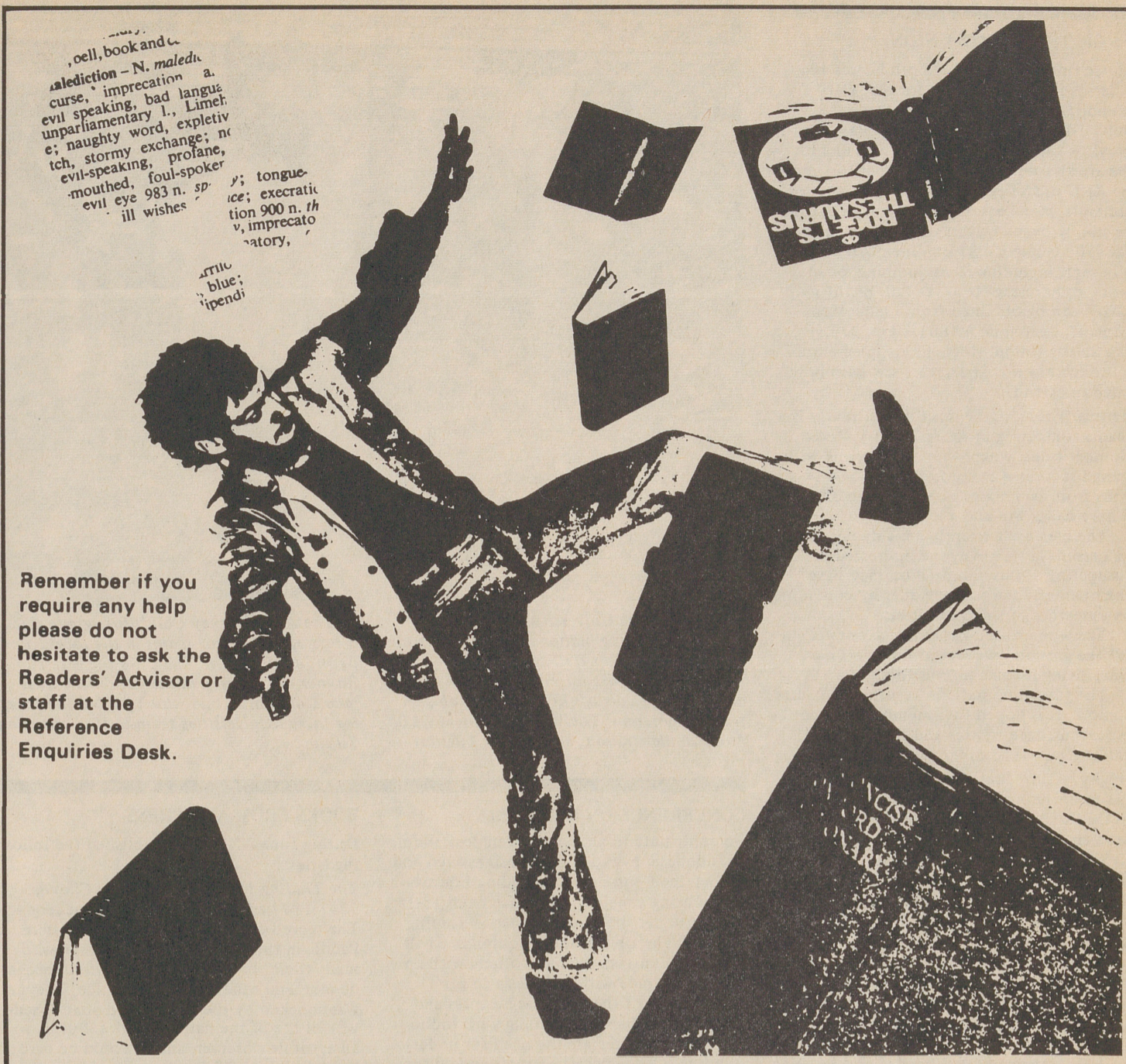
Professor Ninham visited Melbourne University recently to give a seminar in the Department of Biochemistry.

**Centre for Continuing Education.** Professor Joseph Payne, Professor of Mathematics Education in the University of Michigan, visited Canberra last week and lectured to the staff of primary schools, both government and private, to the College of Advanced Education and to the Canberra branch of the Mathematics Association. Professor Payne is a leading figure in mathematics education and has a special interest in the teaching of mathematics at the primary school level. The Centre for Continuing Education was responsible for his visit to Canberra, in association with the School of Teacher Education at the Canberra College of Advanced Education, the NSW Department of Education and the Commonwealth Department of Education and Science which, together with the College of Advanced Education, provided the money for the visit. Professor Payne is being sponsored on his Australian visit by the Mathematics Association.

Mr Alan Davies, lecturer in the Centre, has been awarded the degree of Doctor of Philosophy by the University of Melbourne. Mr Davies' thesis concerned 'The exchange of oxygen between water and the oxyanions of the group 6 elements'. The degree will be conferred in Melbourne on 13 August.

**Diffusion Research Unit.** Dr Paul R. Fields, Director of the chemistry division of Argonne National Laboratories, will visit the Unit on 14 and 15 July. It is expected that he will give a colloquium on 'The Transuranic Elements.'

**English.** Robert D. Fitzgerald, one of Australia's most distinguished poets, will visit the Department during the week beginning 12 July. Mr Fitzgerald is well-known to all lovers of Australian poetry as the author of a number of volumes of verse, recently collected under the title *Forty Years' Poems*. Much written since then has not yet appeared in book form. He has also published a book of essays entitled *The Elements of Poetry*. Since he retired from his profession as surveyor, Mr Fitzgerald has visited the United States as a lecturer on poetry and is well-known in Australia as a public speaker. He



**Remember if you require any help please do not hesitate to ask the Readers' Advisor or staff at the Reference Enquiries Desk.**

The pages of the 'SGS - Guide to the Library' booklet show amusing aspects of student frustrations at trying to find how to use the Library.

## High praise for General Studies Library guide

The booklet, 'School of General Studies - Guide to the Library', has been highly commended by the judges of an award for public relations publications by libraries. The judges said the booklet was the best of its type they had seen anywhere in the world.

The award is given annually by the Australian Library Promotion Council to the Australian library submitting the best publication or set of related publications of a public relations nature. The entries are evaluated on content, design and value in conveying the library's message to its public, not on expense in production.

This year's award of \$200, donated by Field Educational Enterprises of A'asia Pty Ltd, went to the Heidelberg Regional Library, Victoria, for a set of three publications. ANU's *School of General Studies - Guide to the Library* was one of four entries highly commended. Following is an extract from the judges' remarks about the guide:

'... This pamphlet brilliantly marries a clear and detailed text with superb light-hearted illustrations. By the brilliant use of design the library has been able to convey

essential information in a consistently entertaining way. The judges agree that this is the best "how to use the library" type of booklet of all those produced here or overseas, which they have seen. All large libraries are recommended to obtain this guide.'

Miss Clare Campbell-Smith, School of General Studies Associate Librarian, said last week that production of the library guide had been a joint effort by the Library, the Architecture/Design Unit and the Visual Aids Unit.

'We previously had a leaflet to inform students how to use the Library,' Miss Campbell-Smith said. 'But it wasn't very interesting and we felt we would like to have something more attractive to encourage students to read it.'

Miss Campbell-Smith said Mrs Thea Farnham of the Library staff, in preparing the text for the guide, had had in mind the use of

cartoon-type line drawings to sustain the interest of readers.

In designing the sixteen-page booklet, the University's Graphic Designer, Mr David Walker, and his assistant, Mr John Reid, decided that it would be better to use photographic illustrations of a student in amusing library situations. The photographs, which were reproduced in two-tone outline form in the booklet, were taken by the Visual Aids Unit.

Footnote: About 3,000 of the 5,000 copies of the guide printed at the beginning of the year have already been distributed and a reprint is being considered. Copies are available at the main reference desk at the School of General Studies Building of the Library.

will be lecturing to students of Australian Literature during his visit to ANU.

**JCSMR.** The Director, Professor Fenner, returned from overseas on 6 July.

**Mathematics (IAS).** Dr Hans Lausch, a former Research Fellow in the Department, has accepted a post as senior lecturer in mathematics at Monash University from March 1972. He is at present working in Austria.

**Medical Chemistry.** Dr D.D. Perrin will spend July attending the IUPAC Conference in Washington and visiting American universities. He is an Australian delegate to the IUPAC Council Meeting, and a member of both the Electroanalytical Chemistry and Equilibrium Data Commissions.

**Nuclear Physics.** The polarized ion source produced its first polarized and accelerated beam on 9 June. A 5 nA proton beam of 50 per cent polarization was obtained on target. The source will be used initially for spin determinations in proton resonance re-

actions and deuteron pick-up and stripping reactions. Dr S. Whineray is directing the project.

**Physiology.** Professor Bishop will be abroad from July until 30 September. He will attend the 25th International Congress of Physiological Sciences in Munich and a number of other meetings and symposia. Professor Bishop is a member of the Council of the International Union of Physiological Sciences and Chairman of the admissions committee of the Union. He is also Chairman of the Satellite Symposium on 'Vision and Audition' to be held in Austria after the Congress. He will also visit research centres in England and the United States. During his absence Mr Coombs will be Acting Head of the Department from 1 July - 7 August and Professor Curtis from 7 August - 30 September.

Professor Bishop has accepted an invitation to join the International Advisory Panel for the *Journal of Experimental Neurology*.

Dr M.W. Dubin left the Department on 24 June to take up an appointment as assis-

tant professor in the Department of Molecular, Cellular and Developmental Biology at the University of Colorado. He has just concluded a two-year period as a Postdoctoral Fellow supported in part by Fight for Sight Inc.

Professor D.R. Curtis will be abroad for five weeks from the end of June. He will attend the meeting of the International Society for Neurochemistry in Budapest, the International Congress of Physiological Sciences in Munich and is chairman of the Satellite Symposium on Physiology and Pharmacology of Synapses to be held in Basle. Professor Curtis will also visit laboratories in London, Oxford and Bristol and has been invited to lecture at the National Hospital for Nervous Diseases.

**Solid State Physics.** The Perkin-Elmer Model 180 infrared spectrophotometer has now been commissioned and is operational. It has many advanced features of design, being especially suitable for the study of solids at low temperatures. □

## FROM THE SPORTS UNION

**Horse riding.** Training of both horses and riders is now taking place for the ANU Riding Club Gymkhana on Saturday, 24 July, 10am - 5 pm at Equestrian Park, Curtin. Novices and experts, horse owners and hirers are all catered for, but competitors must be ANU or College of Advanced Education students, members of the ANU Riding Club or simply over 21 years of age. The entrance fee (50c members, \$1 non-members) covers all events including races, jumping, obedience and dressage tests. Details of the gymkhana can be obtained from Elaine Menhennett, telephone 49 6011, ext. 272, or the Sports Union. Horse hirers, please book your horses now. Spectators are warmly invited to attend.

**Tennis.** The ANU Tennis Club currently has teams competing in ACTLTA Day Mixed Competitions, where they are meeting with mixed success - Division 2B has had two wins from two matches, while both 3B and 5 have had a win and a loss.

The men are currently actively engaged in a tennis ladder. Anyone interested in competing in this competition may have their name added to the ladder by contacting any member of the committee.

The women's tennis ladder has not yet got off the ground, but several members have been giving it some serious thought.

The gardening staff is resurfacing courts 1 and 2. It is hoped that members will not be inconvenienced by this and that the courts will not be out of order for too long.

**Rugby.** AUSA President, Charles Alexander, has recently returned from the latest meeting of this body. At the meeting the proposal to send an Australian universities rugby team to Southeast Asia was discussed. The tour, if eventually agreed upon, would take place next year and would include visits to Malaysia and other Southeast Asian countries.

**Squash.** The ANU Squash Club is conducting practice sessions each Saturday morning from 10am to midday at the National Tennis and Squash Centre, Lyneham. Club members are eligible for reduced rates and all players are welcome.

The Canberra Squashbowl is now offering concession rates to Sports Union members. These rates will only apply on Monday mornings when courts will be offered for 60c per half hour.

Tim Clark  
Sports Union Promotions Officer

## 'HEMISPHERE' FEATURES AQUARIUS

A long article by Canberra Times writer Michael Jacobs on last month's Aquarius Festival is a feature of the July issue of *Hemisphere*, the Asian-Australian magazine published by the Department of Education and Science.

In his article Mr Jacobs describes the festival as having been 'a victory for enthusiasm, hopefulness and an exhilarating sense of community'. The article is illustrated by a selection of photographs taken during the week-long event.

The cover story for the July *Hemisphere* is an article on the Australian painter Albert Tucker by John Henshaw, art critic of *The Australian* newspaper. Ten colour reproductions of paintings by Tucker accompany Mr Henshaw's article. Other articles include one on the old mining town of Burra in South Australia, one on early Indian explorations of Tibet, and another on coins by an expert from the National Museum of Pakistan.

Copies of *Hemisphere* may be obtained from the Editor, P.O. Box 826, Canberra City, 2601, at 20c a copy, post free.

## RETURN THOSE QUESTIONNAIRES

At 1 July 67 per cent of staff and 45 per cent of students had returned the traffic survey questionnaires which were to have been filled in on 22 June. The replies will be taken into consideration in future site planning, especially for car parks.

To achieve reliable data for this future planning a fuller response, especially from students, was needed, the Property and Plans Division said last week. It is still not too late for those people who have not yet done so to return their questionnaires, and they are urged to do so to assist future planning.

Students and staff members who have mislaid their questionnaires can have another sent to them by ringing ext. 4286.



Members of the University Hockey Club have been holding indoor training sessions in the Kingsley Street Hall at night. The indoor matches, which are on Thursday nights, are an important part of the Hockey Club's training program. The Women's Hockey Club holds similar training sessions on Tuesday nights.

The ANU Hockey Club's first-grade side is one of the leading teams in the local competition this season. The Club captain, Paul Rayner, was chosen in the combined Australia Universities side which played the touring Indian Universities team in Melbourne on 7 July.

## CONFERENCE ON INDONESIA

To contribute to an increased understanding of Indonesia by Australian businessmen and others, the Centre for Continuing Education is mounting a major conference from 13-15 August under the title 'Indonesia: Trading Partner'. The object of the conference will be to help businessmen and others with an interest in trade with Indonesia to get a clearer grasp of the practical business and economic problems of dealing with Indonesia, and to appreciate the need for understanding the character, customs and culture of the Indonesian people.

The conference is already attracting widespread interest throughout Australian industry. The Australian Metal Trades Export Group and James Hardie Asbestos have asked to be associated with it as co-sponsors and enrolments already received have shown that senior men from many of Australia's most important businesses intend to be present.

The Conference Director, Dr Nic Haines, said last week that a move to form an Indonesian-Australian business association had been postponed until after the conference so that the fifty or so firms concerned could first learn from the conference and then start the association in the right way.

Dr Haines said that the contacts made with commerce and industry through preparation for the conference had already produced further suggestions for ways in which the Centre for Continuing Education might bring together the academic resources of the University and the needs of businessmen generally. It was hoped that this conference might be the first in a series of similar meetings on 'Australia's World'.

Dr Haines said, 'Close observers of the newspapers will have noticed the significant increase in recent months in the number of news items and articles about Indonesia. Partly, this reflects a growing interest in our nearest and biggest neighbour by Australians generally, especially in view of the Indonesian elections, but it is also evident that many Australian firms and industries are becoming aware of the possibilities of trade, investment and joint ventures in Indonesia.'

Members of the academic staff of the Research School of Pacific Studies and the Faculty of Asian Studies, and leading businessmen who have had considerable practical experience of dealing with Indonesia will address the conference. The Centre is also hoping to bring from Djakarta two distinguished Indonesian academics who are also advisers to the Indonesian Government.

Further information on the conference may be had from Dr Haines or from the Conference Administrator, Mr Philip Grundy, both at the Centre for Continuing Education.

## BOOKS FROM ANU PRESS

During June ANU Press published the following titles:

*The Trading Voyages of Andrew Cheyne, 1841-1844* edited by Dorothy Shineberg - The record of four voyages in the Western Pacific in the 1840s, told by the man who made them. In search of sandalwood, beche-de-mer, and other tropical produce, Cheyne was shocked by the godless and abandoned way of life of the native peoples. But he was an accurate observer, and it would be hard to better his careful and exciting account. \$7.95.

*A Classification of the Eucalypts* by L.D. Pryor and L.A.S. Johnson (Department of Botany) - Aimed at foresters, botanists and agriculturists, and researchers in various fields, this work sets out a classification of all species of *Eucalypts*. It applies up-to-date research results to *Eucalyptus*, describes the basis for assessing this information, and has a definitive index of *Eucalyptus* binomials. \$3.30.

**Display.** The University Co-operative Bookshop, in association with ANU Press and other publishers, mounted a display of books dealing with Aborigines and Aboriginal art, history and culture, in the Bookshop to mark National Aborigines Day on Friday 9 July.

**Advance titles.** The Press' booklist and supplements are distributed widely in the University, but the availability of advance book information sheets, which give details of forthcoming titles, and University of Toronto Press catalogues and supplements (ANU Press is agent in Australia and New Zealand for UT Press) is not as well known. Copies of any of the Press' information material can be obtained by telephoning ext. 3332.

## GERONTOLOGY CONFERENCE

The seventh annual conference of the Australian Association of Gerontology will be held in the University of Sydney from 12-15 August and interested members of ANU are invited to attend.

The conference will include sessions on planning a geriatric service, endocrines and ageing, the practice of medicine in the aged and aspects of retirement.

The conference fee, including all meals and accommodation at Sancta Sophia College, will be \$35. The non-residential fee will be \$15. Applications to attend the conference should be received by Mrs R.J. Inall, Hon. Secretary/Treasurer, Australian Association of Gerontology, c/- The Linnean Society of N.S.W., Science House, 157 Gloucester St, Sydney, 2000. Further information on the conference is held by Dr L.A. Woolf, Hon. Secretary of the ANU Staff Association (ext. 2400).

## VISITORS IN THE UNIVERSITY

**Professor Kichitaro Katsuda**, Kyoto University, Leverhulme Fellow with History of Ideas Unit until September; main interests - Marxism, anarchism, nihilism and the Pisan intelligensia; room 137, Coombs Building, ext. 3345.

**Professor A. Okajima**, Yokohama City University, Visiting Fellow in Neurobiology until February; main interest - crustacean nervous systems; Department of Neurobiology, Block C, ext. 4379.

**Dr Maximilien Rubel**, Centre National de la Recherche Scientifique, Paris, Visiting Fellow with History of Ideas Unit until September; main interest - Marxist theory and the history of socialism; room 133, Coombs Building, ext. 3411.

**Dr Sangat Singh**, Indian Ministry of External Affairs, visitor with the Department of International Relations until September; main interest - Australia's policy towards Asia; room 170, Coombs Building, ext. 2166.

**Professor B.A.D. Stocker, FRS**, Stanford University, Honorary Fellow in Microbiology until December; main interest - biochemical genetics of bacterial flagella; room 4016, JCSMR, ext. 2596.

## CLASSIFIED ADVERTISING

### Public notice

*Wine and Cheese Evening.* Entertainment. Burton Hall, 31 July. Proceeds to University Child Care Centre. Tickets (\$2 single) must be purchased by 25 July. Contact Joyce Campion, ext. 2758 or Sue Brierley, ext. 4113.

### For sale

*Sansui* 2000 amp (80 watts), Sony TC-355 tape deck, Sonics 401 5 speaker 4-way system. \$750 or nearest offer. Ring Henry Satrapa, ext. 3715.

1965 VW deluxe, 53,000 miles, very good condition, eleven months' registration, \$750; Paximat N 12 semi-automatic 35mm slide projector, hardly used, \$60; 23-inch Pye TV set, \$80; G.E. heavy duty fully automatic washing machine with heater, \$80; Slumberland double bed with castors, \$60. All prices may be negotiated. Owner going overseas in August. Tel. 73 1695 or ext. 2095.

Playpen, near new, \$11. Baby's mattress, \$6. Electric blankets, \$3 each. Olivetti Lettera 32 typewriter, \$40. Tel. ext. 2420.

Holden EJ 1963 Special sedan, good condition, \$525. Tel. ext. 2420.

Renault 10S 1970, radio, 13,000 miles. Any reasonable offer accepted. Scott, ext. 347.

1966 Fiat 850 sedan, one owner, good condition, Pirelli radials, nine months N.S.W. rego., \$695. Ext. 2595, a.h., 81 0757.

Bassinet and stand (two), excellent condition. 43 Groom St, Hughes, or D. Haynes, Geology Department, ext. 2056.

Olivetti electric typewriter. Good condition. Owned by typewriter mechanic. \$350. Ring ext. 2535.

Hoovermatic washing machine, \$55; Singer Sewing machine, electric, \$17.50. Ext. 3005 or 28 Hopegood Place, Garran.

Vauxhall Viva 1967, excellent condition both body and mechanics. Must sell urgently. \$775 ono. Enquiries Michael Moore, Bruce Hall.

1964 EH Holden stn sedan, 149 motor, large heater installed, very good tyres. Good condition throughout, recent NRMA report, 12 months reg. Owner going overseas, must sell. \$750 or best offer. 74 Carroll St, Hughes. Ext. 2081.

MG-TC, good restored condition. Owner going overseas. 47 8862 or ext. 4303.

Lounge suite, three-piece, red detachable covers. Best offer. Ext. 4171.

Morris 1100, 1969, white, automatic, 18,000 miles, one owner. Registered till February. Diamond Dot radio, seat belts, heater. Ring ext. 4213, 9am-5pm.

### House to let

Q'land, 2 b.r. house near St Lucia Unive. Available mid-August 1971. Details ext. 2639 or 73 2004.

### Wanted to rent

Single bedroom furnished flat from Dec. '71 - March '72. Ring B. Doyle, ext. 4360.

### Wanted

Reliable secondhand car, up to \$600. Contact Peta Dawson, Human Biology Department, JCSMR, ext. 2741.