



THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS

A WEEKLY INFORMATION SHEET

3 JULY, 1983

Deadline for copy 12 noon Monday.

Distributed each Friday.

Editor: Giles Pickford, tel. (042) 282428.

Scientists Must Speak Out

Dr. Peter Pockley, Australia's leading spokesman on publicizing university affairs, has made a call at the recent ANZAAS Conference in Perth for scientists and the media to combine to increase the scientific base of the nation's economy.

The paper received wide and favourable comment in most of the nation's serious newspapers.

Dr. Pockley said that his paper has a practical and a positive emphasis and is based on the following propositions:

- (a) There is an urgent need to increase substantially the scientific and technological base of the nation's economy.
- (b) A political pre-requisite to significant government and industrial initiatives in this area is the generation of a sense of broad community support.
- (c) Community support will only arise if there is a widespread understanding of science, its application and the various issues at stake.
- (d) No change will occur in this area without a concerted effort by all interested parties - government, the research community, the industrial and commercial communities, the educational institutions and the media.

Dr. Pockley said that there is no need for the scientific and academic community to be defensive. The vision of a better informed community and a more rational political response to the scientific challenge can be realized.

He said that we face a major problem in communications. As in all communications projects it is necessary to examine the three inter-acting groups involved, viz:

- i) the providers for information, ideas and comment - in this case, the scientists and their organizations;
- ii) the media of communication - in this case, the popular press, radio and television plus more specialized outlets;
- iii) the receivers (and responders) - in this case, the general public, and identifiable target groups such as secondary school pupils and teachers, tertiary students and teachers, industrial and educational leaders, media managers, public servants and politicians.

On point (ii) above Dr. Pockley reserved special praise for the *Newcastle Morning Herald*.

He said that "The *Newcastle Herald* has recently adopted a full-bore editorial approach to covering science and technology. The paper is specifically seeking to in-

crease public awareness of science and technology in the region of its readership. The appointment of a full-time writer followed expressions of concern among business and industry leaders that if the Hunter region is to recover from its depression then it must change its industrial base and move into high technology. The reporter is charged with covering these issues and also research at Newcastle University."

Dr. Pockley added that *The Newcastle Herald* is the first paper to acknowledge editorially a direct relationship between the priority and presentation of science and technology in its columns and public perceptions in its region of the importance of this field.

Fifteen separate projects are listed in Dr. Pockley's paper which he says if adopted will solve the dilemma. These are:

- Science briefings, annually, for media editors and managers.
- National tour, annually, of scientific establishments by working reporters.
- Annual science briefing for politicians (first Federal, then State parliamentarians).
- Directories of sources of information and views, willing and capable of helping the media - nationally organized.
- Monthly summaries of major developments in principal areas and science and technology, at home and overseas.
- Annual Australian science publication for popular readership - newspaper or magazine format - Australian-based content.
- Television competition for young scientist of the year.
- Regular science material on commercial TV - initially through news and current affairs.
- Shift of balance in ABC coverage of science towards greater coverage in general programs - news, public affairs and talks.
- Travelling exhibitions of hands-on displays and experiments, coupled with - Annual lecture tour, properly promoted.
- Bank of video and audio tapes on scientific topics, including overseas material.
- Visiting fellowships for science reporters - 3 months' attachments to major scientific establishments.
- Range of awards for outstanding communications efforts by both media workers and scientists.
- Syndication service of news and features for newspapers and magazines (both Australian and overseas).
- State and regional level services which should consist of an outlet for a variety of activities which are best suited to State and regional needs and can capitalize on expertise and enthusiasm available locally.



Campus Community Interface

WARRAWONG WINS AGAIN

Excitement ran high at the Commonwealth Bank/Friends High School Chess Tournament on the weekend. The Pentagon Theatre foyer buzzed with quiet conversation as 3 teams from 7 local schools sat down to compete for the generous prizes and the magnificent trophy awarded by Mr. Roger McCombe, a member of the Membership Committee of the Friends, and Regional Manager of the Commonwealth Banking Corporation.

The defending champions were Warrawong High and this team was obviously inspired by the presence of Mr. Ken McCarthy, their Headmaster.

After three hours of intense concentration the following results were declared:

***Winning Team: Warrawong High School**

Dusan Zubic
Slavce Mucevski
Guiseppe Cacciola
Joseph Prsa

***Best Individual Male**

Peter McGovern - Holy Spirit High School)
Denis Egan - Warilla High School) shared

***Best Individual Female**

Elena Miclau - Warrawong High School

In moving the vote of thanks, the Chairman of the Membership Committee, Ald. Frank Arkell, said that the Chess Competition was helping to bridge the gap between the schools and the University.

FRIENDS AND NORTHBEACH INTERNATIONAL SPONSOR WOLLONGONG OPEN CHESS TOURNAMENT

The Friends of the University and the Northbeach International will hold the Wollongong Open Chess Championship during the Festival of Wollongong.

It will be held at the Northbeach International on Sunday, 28 August, at 3 p.m. Enquiries to John Tong on 282.465.

WINIFRED MITCHELL RETIREMENT DINNER

The Union and the Friends of the University are organising a special dinner on Thursday, 21st July, at 7.30 pm in the Union Hall, in honour of Dr. Winifred Mitchell, one of the University's most popular characters, to mark her official retirement from the academic staff.

A top-class 4 course meal and wines will be served.

Tickets are available now from the Union Office - \$12 per head, \$9 students and pensioners.

(Bookings close Friday, 15th July).

NATIONAL AUSTRALIA BANK/ILLAWARRA MERCURY DEBATING COMPETITION

First Round:

Saturday 9th July 1983

Illawarra Champions Hotel, Manager's Room, between 2.00 - 5.00 p.m. (Jaycees is host)

W.C.Y.S.S. v W.J.C. "That Australia has been a lucky country"

W.JAYCEES v W.U.D.S. "That poverty is a blessing"

Saturday 23rd July 1983

Wollongong Worker's Club, between 2.00 - 5.00 p.m. (Wollongong C.Y.S.S. is host)

W.U.D.S. v W.C.Y.S.S. "That preparation for war leads to war"

W.J.C. v W.JAYCEES "That life was meant to be easy"

Semi Final:

Friday, 29th July 1983

I.M.B. Centennial Conference Room, Centennial Building, between 6.00 - 9.00 p.m. (further details to be provided later)

Grand Final:

Saturday 7th August 1983

Pentagon 1, University of Wollongong, between 2.00 - 4.00 p.m.

"That Australian education is a success"

Please encourage members and friends to come along to the debates. Make the debates an event of your organisation. It's up to you.

Joseli C. Munive - Debating Co-ordinator (285437).

FESTIVAL PHILOSOPHY LECTURE

The Department of Philosophy, as a member of the Friends, organizes the annual Festival Philosophy Lecture during the Festival of Wollongong.

This year the Festival Philosophy Lecture will be held in the Wollongong City Gallery on Tuesday, 30 August at 7 p.m.

Speaker: Professor H.J. McCloskey, Professor of Philosophy at La Trobe University.

Topic: "Social Justice Versus Discrimination and Affirmative Action".

KEIRA CORRIDOR PROJECT

The next meeting on the Keira Corridor Project (the tree planting and beautification programme between Keira Summit Park and the sea) will be held on 5 July, 1983, at 12.30 p.m. in the Northern Lounge of the University Union. Enquiries to David Walker, University Landscape Supervisor, or Dean Miller, Director of Parks and Recreation at Wollongong City Council.

General Notices

GRADUATES COMMITTEE: NEXT MEETING

The next meeting of the Graduates Committee will be held on Wednesday, 6 July, 1983 at 5.45 p.m. in the University Council Room.

Agenda items include the proposed Graduates Prize and the Graduates Reunion Dinner scheduled for 12 August, 1983, the date of the University's 8th Anniversary.

IMPORTANT NOTICE TO MATURE AGE STUDENTS

Testing for the 1984 Special Admissions Programme will be held in MID JULY 1983, NOT NOVEMBER as in previous years. This will allow successful applicants to apply by October 1, and avoid the \$30 Late Fee payable after that date.

The Special Admissions Programme gives applicants who do not have the normal admission qualifications and who will be over 21 by 1st March 1984, the opportunity to undertake studies at the University.

If you are considering applying for the S.A.P. return this slip or call,

The University Secretary,
The University of Wollongong,
P.O. Box 1144,
Wollongong. N.S.W. 2500.

Phone: (042) 297311

Name:

Address:

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A \$10 fee is payable by those undertaking the Programme.

Closing date - 30th June, 1983.

EFFECTIVE SUPERVISION TECHNIQUES - 16 - 17 July, 1983

This weekend workshop from the School of Industrial and Administrative Studies is designed to cover a wide range of problems related to the effective supervision of groups. The two 1 day sessions will to a large degree be based on the stated needs of participants, and will be drawn from issues such as decision making, motivation, conflict resolution, group communication, assertion training and human relations.

The program will be conducted by Maddox Leape and Associates from Canberra, and the cost is \$150 which includes lunch and refreshments on both days, and all course materials. Places in the workshop are limited to a maximum of 20 participants.

Applications for courses should be obtained promptly from the School Secretary (Phone: 202213).

COMPENDIUM OF UNIVERSITY ENTRANCE REQUIREMENTS

The Compendium of University Entrance requirements for first degree courses in the U.K. is available in the University Administration Library.

Copies can be ordered from Lund Humphries (ACU)
The County Press, Drummond Rd, Bradford BD8
8DH: £ 8.64 including postage.

SCIENCE NEWSLETTER

A copy of the Department of Science and Technology Newsletter is available from the Friends of the University office. The contents include:

- * macquaire island 50th anniversary
- * bionic ear agreement
- * grant to research disabled needs
- * high technology - oecd opinion
- * kuiper flying observatory
- * new biotechnology report
- * flagship for hi-tech sector
- * venture capital in Australia.

Seminars

DEPARTMENT OF GEOLOGY

Date: Wednesday, 20 July, 1983 at 4.30 p.m. in room 201, Austin Keane Building.

Speaker: J. Kim, Department of Geology.

Subject: Sedimentation in the South Korea Sea.

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Date: Thursday, 28th July, 1983 at 5.30 p.m. in room 201, Austin Keane Building

Speaker: Professor W.C.J. van Rensburg, University of Texas (1983 Esso Distinguished Lecturer)

Subject: The International Coal Trade.

* * * *

Date: Friday, 29th July, 1983 at 12 noon in room 201, Austin Keane Building.

Speaker: Professor W.C. J. van Rensburg, University of Texas (1983 Esso Distinguished Lecturer).

Subject: Economic Evaluation of Mineral Properties.

Enquiries to Dr. B.G. Jones, Department of Geology (Tel: 282438).

DEPARTMENT OF HISTORY

On Wednesday 27 July, 5.00 - 7.00 pm, in room 10. 2013, a History seminar will be given by Professor Norman A. Graebner of the University of Virginia. His topic will be "The Crisis in Diplomatic History: Problems of Analysis and Methodology".

Professor Graebner, one of America's most distinguished historians, is visiting Australia for four months under the Fulbright programme. His host institution is the University of Sydney.

He first made his name in 1955 with a book on American imperialism in the Pacific, and he followed that in 1962 with a notable book on the Cold War. He has specialized in the history of U.S. foreign relations. His most recent book is The Age of Global Power (New York, 1979).

SEMINARS (CONTINUED)

JEWELLERY WORKSHOP

A jewellery Workshop is to be held on the weekend of 13th and 14th August in room 105 in the Institute Lecture building (9.00 a.m. to 5.00 p.m. on Saturday and 9.00 a.m. to 4.00 p.m. on Sunday).

(Should be 3 or 4 places still available - if interested please phone Jennie on 202301).

AUSTRALIAN ACADEMY OF SCIENCE

An International Symposium on "Measurement and Processing for Indirect Imaging" will be held in Sydney from August 30 to September 2. The Symposium, sponsored by URSI (the International Union for Radio Science) and IAU (the International Astronomical Union), has attracted a large contingent of overseas scientists from The Netherlands, UK, the USA, India and Japan. Some 20 invited review papers and 30 submitted papers will be presented in the first three days and further discussions will take place at workshops on processing and hardware organised for the final day.

The technical program includes sessions on radio mapping, CLEAN and Maximum Entropy Methods in signal processing, optical mapping, processing, medical imaging (x-ray, gamma ray and ultrasound) and specialised hardware.

The first and last days of the Symposium will be held at the CSIRO Division of Radiophysics at Epping while days 2 and 3 will take place at the Department of Electrical Engineering, University of Sydney. The Organising Committee comprises Dr. Bob Frater, Chairman, (CSIRO) and Professor Trevor Cole (University of Sydney) in addition to 7 overseas members from the UK, USA and The Netherlands.

Registration forms and preliminary programs are available from Dr. Andrew Pik, CSIRO Division of Radiophysics, PO Box 76, Epping, NSW 2121, phone (02) 868-0222. Registrations close on 28 July. The Symposium is limited to 120 participants and the Proceedings will be published by Cambridge University Press.

COMPUTER TECHNOLOGY FOR INSTRUCTION

The Institute for Higher Education and Instructional Systems Corporation present "Computer Technology for Instruction". A workshop for teachers on Saturday, Sunday and Monday 13-15 August, 1983, at Austin College, University of New England, Armidale.

Fee: \$300. Enquiries: 067 - 732581.

CONFERENCE ON STEEL REGIONS

The Institute of Industrial Economics, University of Newcastle, is holding an academic conference "Policy Priorities in Australian Steel Regions" on Thursday and Friday, 3rd and 4th November 1983 at the University of Newcastle. Sessions will consider the nature of the problems afflicting these regions, the steel industry, related industries, industrial relations problems, the policy framework and policy priorities for these regions. Other relevant papers are not excluded. While the inclusion of papers depends on vacancies in the programme there is no formal closing date for offers of papers. Contact Dr. Colin Aistabie, Director, Institute of Industrial Economics, University of Newcastle, Newcastle 2308 (telephone (049) 685561).

QUALCON 84

The Australian Organisation for Quality Control, Tasmania Division presents QUALCON 84.

When: Thursday and Friday 18-19 October, 1984.

Where: Launceston, Tasmania.

Theme: "Quality Achievement - A National Goal".

Papers: Papers are invited to cover the following subjects or others related to the theme.

- * Quality Education:
 - Training and motivation.
- * New Technology:
 - Its application and implications to Quality Control.
- * Industrial Growth:
 - The role of quality control in Australia's emergence as a manufacturing nation of world significance.
- * Compliance:
 - Legal requirements, legislation, specifications, standards and codes which affect quality control.
- * Customer Requirements:
 - Application of new and tighter acceptance standards.
- * Quality Costs
- * Quality Documentation
- * Data Analysis:
 - The role of computers in Quality Control.

Workshops will be conducted to put into practice the principles presented in selected papers.

Procedures for Intending Speakers:

Those interested in presenting papers on the above theme are invited to advise Mr. M.C. Sertori, Secretary, AOQC Tasmania Division at PO Box 1086, Launceston. The closing date for receipt of Paper Title and Synopsis of approximately 200 words is 31st October, 1983. Prospective speakers will receive acknowledgement no later than 30th November, 1983. The proceedings compiled from these papers will be distributed to all participants at the Conference.

Letters

Dear Sir,

I wish to advise you that SOGESTA, at the request of the Association "International School of Solar Energy and other Energy Sources" (SIES), organizes and implements the First Course on "Energy Aspects in Agriculture" to be held in Italy this year from the 3rd to the 30th of October.

The above mentioned Association, founded between the Italian Ministry for Foreign Affairs, the Italian Ministry for Industry and Trade and major Italian Enterprises has, in its fundamental aim, the promotion of teaching, research and demonstration programmes in the field of renewable energy sources.

I would appreciate it if you would kindly give the maximum publicity on campus and contact us for any further information you may require.

Thanking you, I remain

Yours faithfully,

Alvise Memmo,
Consul General of Italy,
Commercial Office,
Sydney.

Concerts, Exhibitions and Entertainment

ILLAWARRA MUSIC CLUB

Friday 7 October
Friday 25 November

Albert Landa
Sydney Conservatorium
Symphony Orchestra

POETS UNION

Wollongong Poets Union, in conjunction with The Australian Council and Wollongong, Shellharbour and Shoalhaven Councils, announces a series of six contemporary prose and poetry readings on Saturdays at 2 pm in the following regional libraries: Thirroul (July 30), Port Kembla (August 13), Warilla (Wednesday, September 14, 6 p.m.), Nowra (September 24), Helensburgh (October 15) and Dapto (October 29). Each reading will comprise 1 Sydney guest, 3 W.P.U. members and 2 local writers from the community served by the library. Readers will be paid \$30. W.P.U. invites submissions of a sample of work and a stamped s.a.e. from local writers desiring to read in this series. Submissions may be made to: Library Series, P.O. Box 1, East Wollongong 2500; or to the Wollongong City libraries listed above. Enquiries: Ph. 297307.

WORKSHOP THEATRE SEASON

An evening of local plays is a season of the best short plays written by members of Illawarra Playwrights over the last year and presented by Workshop Theatre, Gwynneville.

The season runs for three weeks from July 13 to July 20, playing Wednesday, Friday and Saturday nights at 8 p.m.

Each performance will consist of the following four plays:

1. Fat Girls Don't Figure by Dianne Bates
2. A short play by Kerry Rubinowitz about lovers.
3. Gretel by Laura Molino.
4. Mozart and Salieri by Michael Guest.

Enquiries to Leigh Stokes on 297307.

THREE POTTERS EXHIBITION

Exhibition by local potters Ann Webb, Barbara Crakanthorp and Anne Payne will be held from Monday 18 July 1983 to Friday 22 July 1983, in the Union Northern Lounge.

Hours: Monday to Thursday 10.00 am - 6.00 pm and Friday 10.00 am - 1.00 pm

Official opening: Tuesday 19 July at 7.00 pm

Works will be for sale.

ON OUR SELECTION

July 1st to July 23rd, Wednesday to Saturday evenings at 8.00 p.m. in the Wollongong Town Hall Theatre.

Steele Rudd has won the hearts of Australians with the characters of Dad and Dave. The Queensland Theatre Company's production directed by Peter Duncan played to 103% capacity houses. A new production, under Peter Duncan's direction, plus the dynamic North Bulli Bush Band.

Director: Peter Duncan. Guest Designer: Jill Halliday from Adelaide. With Harold Baigent as Dad and Geoff Morrell as Dave leading a talented cast. Musical Director: David Vance.

Excellent party concessions are available for groups of 20, 50 or 100. Telephone reservations can be made with Theatre South (042) 28.2923 during business hours or counter bookings can be made at Wilson's Record Bar.

CERAMICS EXHIBITION

Readers are invited to an exhibition of ceramics by Lindsay Duncan at Graham Gallery, 135 Cordeaux Road, Kembla Heights, from 3rd to 30th July, 1983. Preview, 11 a.m. Sunday, 3rd July. Hours: Sat. and Sun. 12noon to 5 p.m. Phone 715442.

Official opening by Frank McBride, Director, Wollongong City Gallery.

Lindsay Duncan - born Newcastle, N.S.W. 1946.

Trained initially in Metallurgy - later as a productivity Engineer - then as a Computer Systems Analyst.

Lindsay also studied at Wollongong University, gaining his Bachelor of Arts Degree, with a major in Psychology.

His original training in ceramics was at Wollongong Technical College, where he studied with Patricia Englund.

Lindsay taught Pottery privately for several years, and is now Lecturer in Ceramics in the School of Creative Arts at the University of Wollongong.

Exhibitions: (Selection)

Solo Exhibitions each year 1976 - 1982

Wollongong Art Purchase 1977

Wollongong City Gallery (Wollongong Ceramics Society) 1980

Wollongong City Gallery (Wollongong Ceramics Society) 1981

Commissions include

Garnock Engineering

Wollongong Ironworkers Club

and numerous ceramic murals for private homes.

Represented in collections - Germany, Japan, UK, Canada, USA and New Zealand.

NATIONAL ABORIGINAL WEEK 1983 PHOTO-GRAPHIC EXHIBITION

Wollongong City Library from 4th to 10th July.

Exhibition of historical photographs of the aboriginal people of the Illawarra collected by Graeme Darbyshir, Hank van Stuivenberg and Suzi Chaplin.

Presented by the Wollongong Aboriginal Community and the School of Creative Arts, University of Wollongong.

ASTRONOMICAL POSTERS

The finest in astronomical photography from NASA and the world's great observatories is available in postcard, poster or slide form at reasonable prices from the Illawarra Planetarium Society. Telephone 282881 for information.

Research Grants

DEPARTMENT OF SCIENCE AND TECHNOLOGY

The Department of Science and Technology has called for applications for the following research activities:

- *IDRC Cooperative Programme in agriculture and earth sciences - (Canada)
- *R & D Funds in tropical agriculture, medicine, health and nutrition in the tropics (Commonwealth Science Council - London)
- *BOSTID Research Grants in Biology (U.S.)
- *Geosciences Research (Commonwealth Science Council - London)

Enquiries to Ben Meek on ext. 955 (50-1-10).

Sport

SPORTS ASSOCIATION OFFICE—BEARERS

At the Annual General Meeting of the Sports Association held on Thursday, 26th May, 1983, the following office-bearers were elected:

President: Mr. Neil McKinlay
Vice-President: Mr. Peter Hall

In addition, the following were elected to the Executive:

Mr. Peter Ball	Mr. Neil Kaye
Mr. John Pemberton	Mrs. Margaret Pemberton
Mr. Neil Smith	Mr. Trevor Tandy
Ms. Annette Thorburn	Mr. Damien Perusco

Scholarships and Prizes

SCHOLARSHIPS AND PRIZES

Details on the scholarships and prizes below are displayed on the Campus News Notice Board situated at the southern end of the Hut.

Dept. of Science and Technology	Queen Elizabeth II Fellowships in the Physical and Biological Sciences
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Radio Research Board	Postdoctoral Fellowships
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Uni. of Melbourne	Wesley Michel Prize for Poetry - \$2,000
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WINIFRED'S RETIREMENT DINNER

A Farewell Dinner will be held to mark the retirement of Dr. Winifred Mitchell. The Dinner will be held on 21st July at 7.30 in the Union Hall. Tickets are available from the Union Office - \$12 per person; \$9.00 students and pensioners.

Menu: Hors d'oeuvres; Seafood Mousse Chestnut Soup; Beef Fillet with Blackcurrent and Pink Peppercorns, Minted Potatoes, Zucchini Battons, Carrot Rings; Peaches in Brandy and Cream; Coffee and Mints; Bread Rolls; Table Wines; Brandy, Port, Sherries.

Job Vacancies

Details of the following positions are displayed on the Campus News Notice Board situated at the southern end of the Hut.

AVCC

The AVCC List of University Vacancies Overseas and in Australia

James Cook Uni.

Professor of Education

Advertisements

UNIVERSITY CATHOLIC SOCIETY

Mass is held at 12.35 p.m. on Thursdays in the University Union Common Room.

NORTH WOLLONGONG HOTEL

- . Free bands Friday and Saturday nights plus Sunday afternoons.
- . Films Monday, Tuesday and Wednesday nights.
- . Snack Bar, lunch and dinner every day.
- . Student accommodation at very reasonable rates.
- . Discount liquor supplied for parties and functions.
- . Your hosts Chris, Simon and Adam.

FOR SALE

SUZUKI Hatch 800, 7 months old, less than 2,500 km, rust-proofed. \$4,500. Enquiries to Birgitt Baader, ext. 978.

SKI WEEKENDS

Caravan to rent at Southern Cross Motor Inn - Berridale. 2 double berths, all gas power. \$7.00 per person per night. Dates available - June 17-19; July 15-17; July 22-24; Aug 5-7; Aug 19-21; Aug 26-28; Sept 9-11; Sept 23-25.

Weekdays available also.

Contact Sylvia Rice, School of Education, Ext. 288. Room S6 or 287761 after hours.

FOR SALE

Several pairs of skis and boots, adult and childrens sizes, good condition, excellent safety bindings on all skis.

For information, contact ext. 981.

TO LET

South Beach - Charming furnished cottage - \$100 per week - phone 296874

WANTED

Wanted to buy or use for 6 months loan, box trailer size 6 x 4. Phone 284740 evenings.

ASTRONOMICAL POSTERS

The finest in astronomical photography from NASA and the world's great observatories is available in postcard, poster or slide form at reasonable prices from the Illawarra Planetarium Society. Telephone 282881 for information.