

# THE NEWSLETTER OF THE SYDNEY UNIVERSITY SPELEOLOGICAL SOCIETY

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Box 35,  
The Union,  
Sydney University,  
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Edited by Ziggle Szramka

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Volume 10, Number 2

May 1970

## FORTHCOMING ACTIVITIES

(see p. 7 for phone numbers)

June 4 GENERAL MEETING 7.30pm, top floor, Geography Building  
6-7 Skiing. See Denis Ward or Rick Crowle

13-15 YARRANGOBILLY

20-21 BARRINGTON TOPS or CLIEFDEN Ziggle Szramka

26 S.U.S.S. DINNER in The Union at 6.30pm. Guest Speaker  
Brian J. O'Brien. Preliminary details see p. 6

July 2 GENERAL MEETING

(sometime) BUNGONIA and elsewhere. Trying to obtain suitable  
bats with parasites. See note within.

20 THE BARBARA DEW MEMORIAL LECTURE, to be given by  
Mr R.E. Murdoch, Director of Tourism. Preliminary  
announcement on page 6.

25-26 JENOLAN Rick Crowle

AUGUST 1-2 CLIEFDEN Denis Ward

(mid) Talk by Bro. Nicholas Sullivan, past President of  
the National Speleological Society, U.S.A., to be  
given under auspices of the Australian Speleological  
Federation. Preliminary notice inside.

22-24 WYANBENE or BENDEThERA Ron Murray

SEPTEMBER 3 GENERAL MEETING

DECEMBER and 8th Biennial Conference of the Australian Speleo-  
JANUARY logical Federation, in Hobart Tasmania. Field  
trips following to caving areas in Tasmania.

If no-one else offers something, John Dunkley will give a talk  
with slides at the next General Meeting on climbing in the  
Ruvenzori Mountains, Uganda, and on Mt Kilimanjaro, Tanzania.

### THE BARBARA DEW MEMORIAL LECTURE

The Committee and Members of Sydney University Speleological Society have pleasure in inviting all speleologists and other interested persons to the First Barbara Dew Memorial Lecture.

Date Monday, July 21 at 8.00 pm  
Place Lecture Theatre, School of Public Health and Tropical Medicine, University of Sydney  
Speaker Mr R.E. Murdoch, Director of Tourism, N.S.W. Department of Tourism

Preceding Mr Murdoch's address, a short talk will be given on the work of Barbara Dew by Dr B. McMillan, Senior Lecturer in Medical Parasitology in the School of Public Health and Tropical Medicine.

### S U S S DINNER

This looks like being the greatest Dinner yet, so mark the date and place in your diary. The organizers, Chris Fieldhouse and Ziggy Szramka, will have tickets in a little while and you can contact Chris for enquiries at 765028. Preliminary details:

Date Friday, June 26  
Place The Union (where else)  
Guest Professor Brian J. O'Brien, on  
Speaker "THE APOLLO PROJECT AND COLONG CAVES"

B.J.O'Brien is a distinguished Past President of S.U.S.S. and was the first President of the Australian Speleological Federation. For some time now he has been involved deeply in the Apollo Space Project at Houston, U.S.A., and it will be intriguing to find out just how he relates this to the Colong Caves mining dispute.

### LECTURE BY BRO. NICHOLAS SULLIVAN

Older members who remember the previous two visits to this country of Brother Nicholas will not want to miss another dose of his wit and colour slides. He will be coming sometime in August and more information will be given when we know his commitments, but he has offered to address members of A.S.F. for sure.

Odds and Ends

Dr McMillan of the School of Public Health and Tropical Medicine wants SUSS to assist in obtaining bats with parasites for some work he is doing. This work was initiated by Barbara Dew a few years ago and some interesting results obtained. It is intended to run a few trips to Bungonia and elsewhere in when the incidence of parasite infection is highest.

Our current expert on bats, Pat Kirkland, is going home to Indiana, U.S.A., in June. She will look into the possibilities of a SUSS trip to Flint Ridge in the near future. Anyway, Pat, we wish you all the best and several members are looking forward to meeting you in the future in the U.S.A., one in particular!!

At the last Committee Meeting, Dennis Lynch and Jeanette Ferguson were admitted to full membership of the Society. Both have been very active on trips this year.

Manfred Listing is said to be on King Island. Looking at the caves there, we hope.

Rick Crowle has several vacancies in his car going to the A.S.F. Conference in Tasmania at the end of the year. Sailing from Melbourne a few days after Christmas. People with some time to spare then should think of the Tassie jaunt. There are trips going after the Conference to Mt Anne, to Mole Creek and to Ida Bay (where is found Exit Cave, longest and deepest in this country). Better get in early.

Both the President, Ted Anderson, and the Vice-President, John Dunkley, have resigned. New elections will be held at the next General Meeting on June 4.

John and Jeanette Dunkley have moved to 22 / 53 Alice Street, Wiley Park, 2195. Telephone 759-9956.

It was interesting to read in the Newsletter of another society not far from here that they are organizing a speleological trip to Fiji late in 1971. They must be telepathic. SUSS has had such a trip under consideration for several months, but unfortunately at the very same time. Perhaps neither will go. The prospects, on the other hand, seem far too good to pass up, the only problem being the cost of getting there and back.

Contacts for trips

Rick Crowle - 447415

Ron Murray - 6498620

Denis Ward - 6442497

John Dunkley - 7599956

Zyg Szramka - 310905 ext. 97 from 9am to 5pm only

ABSTRACT

Hunt, G.S., The Origin and Development of Mullamullang Cave N37, Nullarbor Plain, Western Australia. Helictite 8, 1 :

The author presents significant new evidence for a revised theory of the origin and development of deep caves on the Nullarbor Plain. Unlike other Nullarbor Caves, Mullamullang possesses extensive levels of phreatic solution tube passages which have collapsed by upward stoping to produce the present huge collapse passages. Most of the development appears to have occurred during a past period rather wetter than the present, and little breakdown appears to be taking place now. Eustatic sea level changes have been of fundamental importance in the development of the many levels of tube passages. Breakdown was probably initiated at least 50' below present water table level. Subaerial weathering and vadose activity have modified the cave, especially near the entrance.

The article is well illustrated with diagrams and photographs.

N.B. The author, Glenn Hunt, is a member of SUSS. His article is an excellent illustration of the potential contribution of the intelligent, observant and intuitive amateur to speleology. Glenn is not a geomorphologist; his main qualifications are in biology with some geology, and a great deal of common-sense observation.

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Pulina, Marian, Karst and Caves in Poland. Bull. Natn. Speleol. Soc. 31, 1 : 1-18

It seems that caves and karst features are rather well developed in Poland, with carbonate and gypsiferous rocks covering about 700 square miles. Many of these are buried under thick Pleistocene sediments. Three types of karst are distinguished: young Alpine karst in the Tatra Mountains, old karst along bedding planes in the Cracow - Czestochowa upland, and fossil karst in the Sudeben Mountains. Most caves are not very large but there is a good deal of activity among Polish speleologists. There are some ice caves in the Tatra Mountains area.

S.U.S.S. LIBRARY

New members are reminded that the Society has a very extensive library, part of which is located within the library in the Geography Department, and part of which is housed in lockers which will be opened during each meeting for borrowing, if the Librarian remembers the key.