BULLETIN OF THE SYDNEY UNIVERSITY
SPELEOLOGICAL SOCIETY



51755



FOUNDED 1948

Box 35, The Union, University of Sydney, N.S.W., 2006.

Registered in Australia for transmission by post as a periodical—Category B.



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November 1974 SUSS Vol 14 No 8

TRIP LIST- NOVEMBER

- 7 GENERAL MEETING Badham Room, Old Union, Sydney University 7.30pm.
- 9 UNSWSS DINNER See page 98.
- 12 "EASTERN SPANISH CAVE ART " Talk by Michael Walker. See page 98.
- 23-24 JENOLAN Rik Tunney 042-287410

 An attempt to climb the aven in Can't Get Lost. People needed to help carry in gear. Note change of date.
- 23-24 BUNGONIA Tony Austin 4393688 Ex22 or 23.
- 30 NORTHERN BEACHES AND END OF YEAR PARTY See page 98. Note change of date.

DECEMBER

NO GENEREL MEETING.

27-29 ASF TENTH CONFERENCE Brisbane. See page 98 for more details.

JANUARY

NO GENERAL MEETING

- 1 ? ASF CONFERENCE FIELD TRIPS All over Queensland.
- 11-12 BUNGONIA Tony Austin
- 22-23 BUNGONIA Tony Austin
- 25-Feb2 TCC CRACROFT AREA TRIP. See page 72.

Editorial

You should notice a change in the quality of production of this issue of the newsletter. For the first time it has been off set printed. The quality of this process is not immediately apparent as we are still using duplicating paper, out I hope to change to a better grade of paper for the next issue.

The use of off-set open s many possibilities, the publishing of photographs as on the front cover being one.

This printing is only made possible by the help of Mr Col Hart of the University of Wollongong, whom I would like to thank.

-Rik Tunney.

COVER - Stalactites overhanging two stalagmites, six feet high, Belubula Caves, Parish of Malongulli, Co. Bathurst.

(From Rec.Geol.Surv.N.S.W. Vol 3 No 1 1892 Plate 2.)

ASF CAVING SEARCH AND RESCUE PRACTICE

BUNGONIA 21-22SEP74

- James Seabrook

Camp was made in the B31 doline.

STORY Party of three missing at Bungonia for one week, presumed to have been caving.

SEARCH SATURDAY MORNING

Search of larger caves by parties of four for missing trio. Radio communications between caves and base was provided by Concord State Emergency Service.

RESCUE SATURDAY AFTERNOON AND NIGHT.

Large scale rescue from bottom of Grill Cave (B44).

3 Victims

-Brokem Leg, broken arm etc.

2 Stretchers

-Stokes litter and Neil Robinson stretcher plus one walking wounded.

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Communications

-Inside the cave; phone (3 portables and base).

-Outside the cave; 27-240MHz radios.

Tasks performed

-First Aid Laying phone lines

Communications

Co-ordination (base control) Sherpas and reserve parties

Streboher parties

Several mistakes were made from which many points were learnt. However the exercise went very well.

MAJOR POINTS LEARNT

1. There was a general lack of anticipation of the needs of those people performing the rescue - Water and food

Equipment Personnel First Aid Blankets

Setting up pitches (lifts) in advance Clearing squeezes and track in advance

 Lack of technique and knowledge by those people performing the rescue-Stretcher handling

Organisation at both party and base level. Flow of information between surface and cave

- 3. SUMMARY. There seems to be a need for both a special team to develop and demonstrate techniques (stretcher handling, lifts, lowers etc) and to investigate equipment and techniques for future use as well as a team to:
 - a. Control actual rescues.
 - b. Organise rescue practices.
 - c. Represent cave rescue on NSW Volunteer Rescue Assn.

DEBRIEF

A debrief was held on the Sunday morning on Saturday's activities. Mr Don Matts (S.S.S.) has a recording of the proceedings.

COMMENIS

1. As cave search and rescue is a relatively new and unpracticed operation in N.S.W., a number of small group problems would have been of greater use here than a major rescue.

This would have given a greater number of cavers more practice at overcoming problems of rescue, as well as bringing forth more initiative and development of techniques.

This type of practice would also anticipate the far more likely type of rescue that will be performed - i.e. the rescue of an injured party or person by the rest of the party during an actual caving trip.

I suggest that the next S&R be run on this line-

Set up, say, 6 problems for 6 parties, so that each problem can be solved in under 1 hour. Each problem is to present one of a variety of problems to those doing it.

E.G.

- a) Horizontal squeeze with bends.
- b) Vertical squeeze.
- c) A lift.
- d) A lower.
- e) A rockpile.
- f) A flattener.

When each party finishes their problem they move on to the next one. Each problem should be supervised by two people that are experienced in rescue work, eg.:

- a) State Emergency Services.
- b) Police Rescue Squad.
- c) Bushwalkers S&R Team.
- d) Members of NSW Volunteer Rescue Assn.
- 2. Control and First Aid. This should be handled by inexperienced people in these fields as in an actual rescue it is not likely that an experienced controller or doctor will be available. Such a course would give more people experience in these aspects of rescue. Naturally experienced personnel should be available to supervise this.
- 3. Equipment. Rescuers should be able to perform a rescue with equipment on hand, as well as being familiar with sophisticated rescue gear.
 - 4. Rescue practice. Two week-ends a year should be set aside for -
 - a) Demonstration of equipment and techniques as well as talks on: First Aid.

Equipment.

Exposure.

Theory of caving S&R.

Methods used by other rescue organisations.

b) Rescue practices: With and without rescue equipment. Rescue by other members of a caving trip. Large scale rescue operations. Limited searches - in proportion to their need.

5. There is need for a Search And Rescue Committee. This should include members from all interrested clubs with membership limited to two members per club. This would avoid inter-club political rivalries.

There is also a need for a demonstration team to Develop techniques. Demonstrate techniques. Investigate new ideas. Spear head and control large scale rescue operations.

- 6. All personnel available on the site of a rescue should be used wherever possoble. Ti does not require experience to pass gear through a cave. This frees more experienced people to do the more difficult jobs.
- 7. For training it is not desirable to have a large group sitting on the surface with nothing to do. This kills interest!

SEARCH AND RESCUE IS ONE FIELD THAT SHOULD BE IMMUNE TO INTER-CLUB AND INTER-ORGANISATION JEALOUSIES AND FACTIONS.

FOR SALE

"JENOLAN CAVES HISTORICAL AND PRESERVATION SOCIETY Occasional Papers Nos 1 and 2"

"Steam Cleaning in Orient Cave, Jenolan Caves, N.S.W." -Ronald L. Newbould

"The discovery of the Imperial Cave" -Noel Rawlinson.

Price 50c each plus postage from JCH&PS c/o Post Office, Jenolan Caves. 2786.

Two very interresting publications with photographs

GIFL, 8, LOST: WASHED INTO CAVERN
(from Sydney Morning Herald 30SEP74)

An eight-year-old girl is missing, believed drowned, after she and her mother were sucked by a freak wave down a hole leading to an under-water cavern at

Frazer Park, south of Newcastle, yesterday.

The mother, Mrs June Angel, of Edward Street, Charlestown, was rescued by her husband, Anthony, with police help after she was trapped for more than an hour on a ledge in the cavern. Skindivers will search for the body of their daughter, Linda, today.

Mr Angel had earlier made an unsuccessful attempt, with the help of relatives and bystanders, to rescue his wife whose cries for help could be heard. The rope they had was too short for the six meter drop to the hole.

Explaining how the accident happened, Mr Angel said last night: "We were walking along the rocks when a freak wave came up and washed us over."

"I was knocked over, and when I got to my feet, I saw my wife and only child going down this big hole.

"When the police arrived they had 200ft of rope and I was lowered down into

this black cavern about 50ft wide.

"I found my wife clinging to a ledge above they spray and swell. She didn't recognise me. She'd been washed off about three times.

"I tied the rope around her and they pulled her up.

"I couldn't find Linda. She may have been washed out to sea or teapped under a ledge somewhere.

(Similar reports in : Illawarra Mercury 30SEP74 Australian 30SEP74)

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TRIP REPORT - Bungonia 11-12MAY74

Party: Tony Austin, Cathy Lawler (now Austin .Ed), Duncan and Jenny Coles, David Peters, Steve Warrell, Bronwyn Geary, Anne Gilroy.

This was David's first caving trip and as well Anne had not been to the area before. Thus we decided that we should spend some time underground showing them the best known caves at Bungonia, then to give them some idea of what vertical caving can involve. As well the male species of the group wanted to get on with the dig in the B15 doline.

Of course the first call of the day had to be to Grill Cave (844). We entered the cave at 9.30am. The group was led by Tony down through the ladders and over the horizontal to the Mudslide. Some time was spent here as people decided to test the slide to see if it really was. The recent rain had done some good and did we see some wet and muddy cavers crawl back to the top of the slide.

From this point we proceeded onward to the Crystal Palace. There was not a high level of CO2 at this point, but people were becoming tired so the cave was not pushed any further and the return was started. David was given the lead and proved to be very adept at finding the way, unlike more experienced cavers who would have had us going in circles or going down when we were aiming at up and

out. It was close to 1pm when we finally emerged - just in time for lunch.

After lunch a couple of quick trips into B50 and the top part of B21 (Acoustic Pot). Each of these trips took about twenty minutes. The Pit in B21 impressed everyone as usual.

As people were still clamoring for more caving, it was decided that B4-5 (Hogan's Hole - Fossil Cave) might whet their appetites and show what real caving can be like. The trip took the usual two hours with everyone emerging demanding their tea.

On Sunday a group was organised to go to the Hogan's Hole doline to do some abseiling and laddering. These were practiced with some success and a few people began to realise that caving wasn't just a matter of walking through a cave admiring the "pretties".

The remainder of the party went over to the dig. At this point it looked promising. A lot of hard work was put into moving the silt in the dig and depositing it - hopefully in a place where little of it would be washed back into the dig if there was heavy water flow. By the end of the day it looked as though we were close to where the old shoring finished. We all felt that although much effort had been put into it; the doline is very well shaded for the whole of the day and so the soil usually contains a good proportion of moisture and is well packed; it might seem well worth it very soon.

It was early afternoon when these activities were tired of and we headed back to camp for a delayed lunch, then to pack up and head for Sydney after an extremely enjoyable weekend.

-Cathy Austin.

Trip Report - BUNGONMA 27-28JUL74

Party: Tony and Cathy Austin, Duncan Coles, David Peters, Jim Burdett.

Saturday 27JUL74

At 9.45am we left the campsite in the B16-51 doline, our destination B84 (College Cave). It would seem that we were sidetracked because it was noon before we reached the entrance of this cave.

Jim was given the task of finding where all the little caves(?) went to. Those caves which were entered were found between the campsite and B11. It did not take long for this eager young caver to decide that they were not worth doing, and we too soon tired of this sport. B11 was close by so an exhausting two hours was spent in this cave.

Although the entrance is a squeeze the cave opens up a little inside - anyway enough for you to turn around in if you desire. Some time was spent in emploring a number of likely looking holes at the point where the passage narrows again. However we were all disappointed as nothing was proved to "go". Tony did have a good climb up a slope which looks as though it has a surface connection; if it has it is probably very small and on this day anyway

unnegotiable.

Across the road we headed and had a good look around the Cow Pool and Serpentine Area. This did not take long and then it was into College Cave, at long last. It was a good climb for the inexperienced cavers and everyone proved that they could certainly be depended on in this situation. Tony was pleased to find there was fresh evidence of flooding in the cave. Streaks of silt and pieces of vegetation can be found clinging to protuberances an the roof and the walls, indicating that there must be water back-up in the cave sometimes. The cave was followed to its end. The return was once again accompanied by curses as the Traverse was reached. Please, if anyone has a foolproof method of ascending we would like to know.

By the time we arrived back at camp it was time for either an early tea or a very late lunch. After much fooling around the time came for a decision as to whether more caving would be done that day or not - the clincher was: "We cannot go caving or we'll never finish the wine cask.".

After a late night four very tired cavers emerged next morning determined to go caving. David was keen to do some abseiling and laddering underground - so a long list of possible caves was prepared. Finally it was decided to do B21 (Acoustic Pot) - well, it was the closest, what else do you expect? Four hours later four very tired people crawled out of the cave and all thoughts of further caving were abandoned, and an early departure was made.

- Cathy Austin

Trip Report - 12-15APR74

"Wyanbene - or was it Wee Jasper?" -Cathy Austin.

Party: Tony Austin (TL) Cathy Lawler (=Austin .. Ed), Alec Watt, Louise Holliday (FM), Richard Fleming, Alan Wilton, Malcolm Handel, Randall King, Peter Winglee, Graham Hadfield, Debbie Knox, Anne Gilroy, Bronwyn Geary (P), Peter Campbell, Jill Watt, David ? (Visitors).

It was 6.30pm Thursday night before we left Sydney with 5 gallons of petrol and Anne and Bronwyn on board. After a long stop at Liverpool Hartee's we settled down for the trip to Wyanbene. Rain and traffic did not make the driving very easy but by the time we reached Goulborm we noticed that it was clearing and there was moonlight to show our way. Frequent stops were made to ensure we had a full tank as we were unsure when we would next come to an open service station. About 1am at some place near Krawaree we were confronted by two cars and a number of tents pitched beside cattle loading yards. Our assumption that these belonged to freshers from SUSS proved correct. Some of us had the sense to sleep in our cars, the others, well....! Our party at this stage numbered eleven. The next morning, after a warning not to try to get our cars any further, we walked down to the Shoalhaven River, well and truly swollen by the heavy rains. Some were still eager to attempt to get to Wyanbene but were quickly outvoted. After much discussion it was decided to head for Wee Jasper - for some reason Bungonia was very unpopular.

Several messages were left at the turn-off to Wee Jasper in the hope that the rest of the party would see them and follow - if they were foolish enough.

Surprisingly they even managed to find these many hours later.

Our trip to WJ was eventful, the Fiat limped in with no brakes, the Morris had electrical problems and required a continuous succession of push starts, the Volkswagen - well the less said the better, but we must thank Alan for so generously making his vehicle available for wood collection and for arising so early each morning to drive it. So ended Friday.

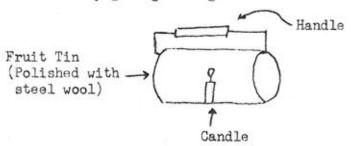
Saturday 13th.

We decided that Dip Cave might be an interresting cave to tyy. The party left in two cars and one motorbike for the parking spot near the rubbish tip entrance. Then began a search for the 65 foot pitch entrance. Well, after having SUSS members spread over the hillside for some time some bright spark finally discovered it. It only took two hours to get all members into the cave - quite an achievement with sixteen of us. I think some of us became very familiar with some parts of the cave as we joined the cave for the final pitch. Of course since the ground was reasonably - but not too - wet where we sat, a form of sport arose. The final climb out was fun. It requires plenty of concentration to keep stuck in the mud, however it was more prudent to watch where hands and feet were placed since the mud had many pieces of broken glass embedded in it. It must be admitted that we added to the danger when a few feet inadvertently sent bottles crashing to the bottom - this entrance (or exit) certainly lives up to its name!

Sunday 14th.

This day began as usual with the collection of that essential fuel by our VW man and "volunteers". After a good meal it was decided to split the group into two - Alec to lead the larger party down Punchbowl, and Tony to take the others where he saw fit.

We all trudged up to Punchbowl, to find some other cavers waiting to ladder. We joined them, but after sitting in the entrance chamber, Tony's left and went down the hill to Signature. We spent an enjoyable hour chasing our tails and Alec's group (who had arrived a short time later) in and out of the numerous passages, and also extracting certain members from tight squeezes. We ran into a small group of young boys carrying candles for light. They consisted of a large fruit tin, a candle and a handle of wood and wire. (See sketch.) The kids reckoned they gave good light!



Alec took his group back to Punchbowl. From many reports the cave was like "Central Station", "the Markets on Saturday morning", "Pitt Street", etc. We guessed there were many people down there. After about seven hours our fearless cavers returned - minus a few crabs and tapes. A moral lesson for us all. Do not leave personal gear to be picked up on the return trip because they just disappear.

Tony's group had a variety of caving experiences. After Signature we returned to camp via Dogleg. We had been warned, but we entered anyway. Not far in we met a grey field mouse. I do not know who was more scared, Anne, who screamed loud and long, or the mouse, who quickly proceeded to climb the wall and made fast progress along the roof. We crawled a bit further, then started to wriggle and were finally stopped by a lovely expanse of water. After a hurredly called conference we decided that a return trip was called for later that day. Total time - 1 hour.

Prior to Dogleg we had spent half an hour going from WJ23 to WJ46. Not a very bing cave, but each of the entrances are sort of squeezes which some people thought would be more exciting if narrowed somewhat by placing logs over them. However we proved that they were not too well placed.

After a good meal we headed for Gong. It was not long before we had everyone down the pitch and looking at the decoration. In many places there was seen some quite beautiful pieces especially in hidden nooks near the entrance. But as usual one cannot see these lasting long as more and more people go through the cave. When everyone was down we started on our way through the cave. We found that everyone had their own ideas as to whether to go over, under or around the many obstacles confronting us. Eventually we arrived at a chamber containing some very large formation which we duly admired and then set out on out way back.

Total time - 2 hours.

The return to Dogleg of this party found one member missing - me! Four very wet, cold, hysterical cavers eventually emerged after a good attempt at the cave. I still hear talk of what they plan to do to a certain trip leader for asking them to do that cave. Total time - $1\frac{1}{2}$ hours.

All in all a good couple of days caving.

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The Editor, Dear Sir,

YET ANOTHER SNEAKY SLANDER HAS BEEN UNCOVERED!

Being an ever-vigilant member of this society, I am always on the alert for these diabolical plots instigated to undermine the moral fibre of SUSS. Upon obtaining a copy of "Bungonia Caves", and upon perusal of the same, what should I find but - disaster upon disaster - in the map descriptions of the caves, on page 38, this scurrilous line. On describing a pitch in the Drum Cave the editors have seen fit to say: "This pitch, originally known as the SUSS Pit has been distorted to the Cess Pit."

After being disillusioned now at spending \$6-50, I now turn to page 50. Ah! Ah! What have we here, but a slightly more subtle and suspicious case. By8 had nasty overtones by being called the SUSS <u>Camping Cave!</u>

Howener, at least having our name mentioned is an historical event, so I continue reading to find out all about this cave. And aren't we lucky to have a cave of nil depth named after us? Not only are we honoured to have the smallest cave in the world named after us, but it isn't even in limestone - it is in breccia. May the perpetrators of this crime receive the punishment they deserve.

- Randall King.

AN ANALYSIS OF THE ANNUAL DINNER or otherwise entitled IN THE AFTERMATH OF THE GREAT BUN BARRAGE

13SEP74

This was the social event of the year, as was obvious from the number of ties taken out of mothballs and the appearance of the metal SUSS badges. General socialising and renewing of aquaintances was had until dinner was served. Our entree consisted of a chicken dish and this later proved to be the main course. Brendon hyde commented to me that it was quite nice until all was revealed - it was cooked by that most notorious of all pisspots - our own Jim Seabrook. This did a lot to change the taste of the meal apparently.

The buns were served by a waitress in a very formal fashion - one bun per person. Immediately, our President found a few flying in his direction. Roger Lyle, being the first to present a toast to the continuance of SUSS and Annual Dinners, presented a standing target. Other toasts included one for the women, one for the men, one for caving in general, etc., amidst a flurry of precision-aimed, lethal, buns. In all of this hilarity, Brendon had the hide (ha, ha) to tell one of his infamous jokes and the ensuing attack, to his credit, was withstood well.

Eventually, our guest speaker, Dr Michael Walker, managed to rise and introduced us, by way of slides, to his caving and research in Spanish caves. Some of these were several thousand feet above sea level and consist of dolines a mile wide. Caves of four to five miles long with entrances pitches of four to five hundred feet deep were not uncommon! Dr Walker's professional interest was mainly in the archaeology of cave paintings.

All in all, it was a good night and well worth the money. But will the University Regiment hall ever again be able to withstand the onslaught of an annual bun barrage? Will Jim Seabrook ever propose another toast? The resulting injuries were as follows-

Casualties

Three wine glasses and 40 buns.

Walking wounded.

All of those at the head table and most of the speakers.

Anyhow, until next year, let the bun supply continue to grow.

- Randall King.

Trip Report - JENOLAN 15-16JUN74

"LAKE TAGGING, LOCKED CARS, PHOTOGRAPHY." -Ian Milligan

Present - Jim Seabrook (TL) Brendon Hyde, Spike Milligan, Malcolm Handem, Peter Campbell, Peter Winglee, Alan Wilton, Randall King.

Its a rare week-end nowdays when you can go to Jenolan without being confronted with flooded passages and impassable lakes. This trip was no exception.

SUSS Bull 0(0) Page 11 Members arrived at various times on Friday night and Saturday morning. In typical J.C. fashion, after driving up under a starry sky, spots of rain appeared on the windscreen after we emerged from the Grand Arch.

After paying a visit to the guides we eventually entered Mammoth - the purpose being to tag the levels of Central and Ice Pick Lakes. As water had been entering Bow Cave we looked up Sand Passage to find water sinking about 40m in. Proceeding down the Skull and Crossbones, Central Lake was found to be flooded and the level was tagged. After negotiating the tight rifts at the beginning of Snakes Gut it too was found to be flooded with a very slow flow - evidently water from the rockfall blocked aven on the right hand side. The level was tagged (eventually) by Brendon.

After returning to the Entrance Cavern some decided to have a look at the Forty Foot. Water (about 4 cusec) was gushing from the bottom of the rockpile and the passage downstream was decidedly wet. Since it was getting late (good excuse) we decided to forfeit the pleasures of getting wholly wet and cold and exited.

Outside it was dark and windy but thankfully the rain had departed (temporarily).

After the usual extended meal Peter Campbell decided to add a touch of interest to the night by locking his keys in the car - while the engine was running - on half choke - with the lights on. After various turns at playing 'How to get a late model Cortina open with no keys', Jim made a trip into J.C. and returned with the guides' patented "coathanger-instantcardelocker Mk III" and despite Ford's trying to make a burglar-proof car, had it open in about two minutes.

Sunday dawned with a blue sky but by the time we were up it had clouded over again. After breakfast Jim felt the tugs of matrimony and left. The rest headed upstream to Henning's where the water lewel was tagged and photography of various interresting formations was indulged in - straws, aragonite, stalagmites, stalactites, phallictites (?).

Thence to Wib urd's for more tagging of water levels and photos of the lake. McKeown's Ck (=Jenolan R .. Ed) was flowing from upstream of Wiburd's to Bow Cave with the flow appearing to increase upstream suggesting it sinks at various places in between. The dolines near Wiburd's all had a little water in them.

All hah left Mammoth Flat by 4.30pm for a dry (weatherwise that is) trip back to the smog.

Trip Report - JENOLAN CAVES 28-29SEP74

Present: Rik Tunney, Brian Cooper, Ian Marshall, James Bell plus some others who did not go underground.

A report that Central Lake was flooded (and isn't it usually flooded these days?) dissuaded us from visiting the Junction and Can't Get Lost areas of Mammoth Cave. We had been hoping to have another look at the aven in CGL. Instead it was decided to visit Lower River.

The last time I had tried to wisit the Southern Section of Mammoth Cave we were stopped at the "6' drop" by flood waters (see <u>SUSS N1</u> 13(10);126). It was a refreshing change to visit a somewhat dry Mammoth. The Mammoth Squeeze was taken as few of the party had been through it refore.

The passages leading down to Lower River showed much evidence of the r recent flooding - especially the new deposits of organic matter and some quite thick mud coatings. Grinning Monster Lake was visited and it was about 2m from the top.

Lower River was in flood and this was the first time I had seen it so high. Its level was about 30cm above normal. Normally one can jump the stream near where it comes out of the wall and before it turns right to become a lake. However it was more than 2m wide at this point.

An interresting feature was a small stream which was rising from under a rock, out of gravel, about 1m from the edge of Lower River. We tried some digging to find out where it was coming from, but as we had also to lower the level of its bed, after 10cm Central River flooded up the stream and destroyed our work. This stream was flowing at about \(\frac{1}{4} \) cusec.

An interresting point is that, while Lower River was in flood, there was no flow in Jenolan River outside.

On Sunday we went on a tourist trip to Lucas Cave.

-Rik Tunney.

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MODIFICATIONS TO VOLUME NUMBERS

Back in 1972-3 some errors were made in the volume and issue numbers of the newsletter.

DEC 1972 Numbered Vol 11 No 6 should be Vol 12 No 7.

(However map of Flitch of Bacon is correctly numbered as 12(7).)

MAR 1973 Numbered Vol 11 No 7 should be Vol 12 No 8.

(Another error is that both these issues contain pages 67-70)

APR 1973 Numbered Vol 12 No8 should be Vol 12 No 9.

- Rik Tunney.

Talk on "EASTERN SPANISH CAVE ART"

by Dr Michael Walker to the Anthropologacal Society of New South Wales at Reading Room, Anthropology Dept, Sydney University at 8.00pm Tue 12NOV74.

SUSS Members are invited to attend.

SYDNEY NORTHERN BEACHES TRIP

SAT 30NOV74

Meet at Avalon Post Office at 1.00pm. Trip moves on to St.Michael's Cave, a very large sea cave. Bring a torch. From there we move to Bilgola Beach. Here we will swim, visit a small sea cave, and have a barbeque tea.

Bring Your Own Food, Grog, Cooking Implements and Stove.

UNSWSS DINNER

Randwick Literary Institute Hall, 60 Clovelly Rd., Randwick.

6.30pm Sat 09NOV74.

Tickets \$3-50 a head from UNSWSS Box 17 The Union UNSW. by 02NOV74.

Dress: Formal Trog Suit or equivalent (no grotty jeans or thongs).

ASF TENTH BIENNIAL CONFERENCE UNIVERSITY OF QUEENSLAND 27-29DEC74

Closing Date for Registration O1DEC74 A late fee will be imposed.

FIELD TRIP - PRE-CONFERENCE 25 and/or 26DEC74

Ravensbourne National Park, rainforest and sandstone caves. Flagstone Creek alluvium caves in the Lockyer Valley. Contact as soon as possible to join in these trips.

Remember the distances involved in field trips are huge. Help the leaders by replying now. Take water, either a water bottle or a 4 gallon container. The trip leaders wish to contact you before the conference.