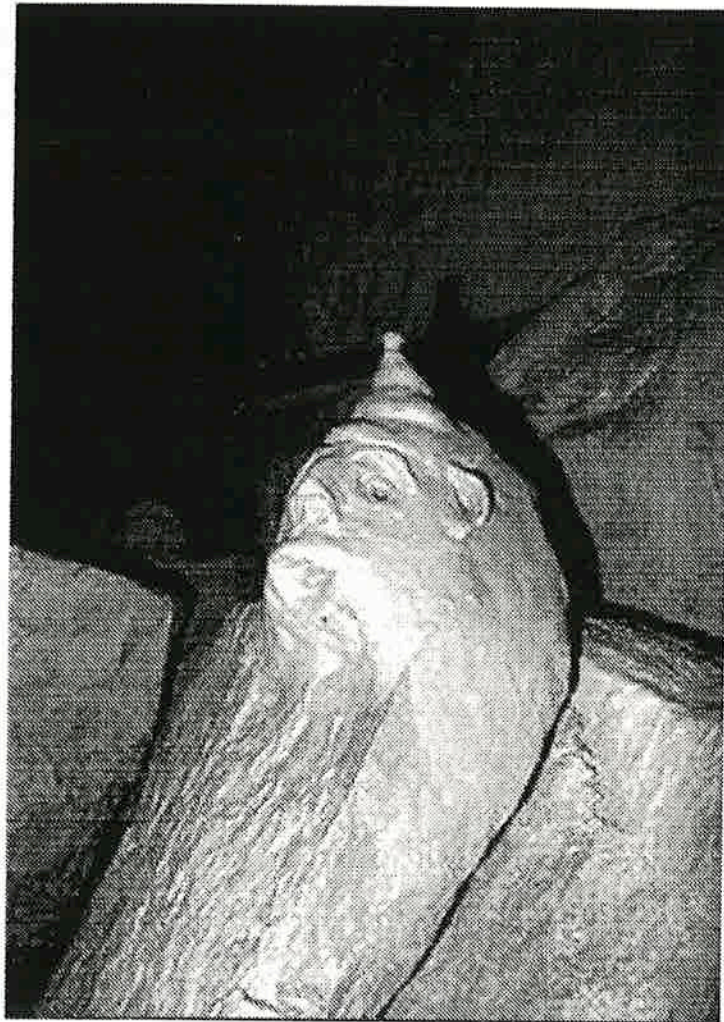


F U S S I



Vol. 11 No. 1. 1999

**The Quarterly Newsletter of the
Flinders University Speleological Society Incorporated**

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Meeting Time and Place:
Tuesday before arranged trips.
Contact office bearer or trip
organiser for details.
Kelly Morris Room.
Union Building.
Flinders University.

Cover Photo:

"Cave Ghost" in Falkensteiner Höhle, Germany
Courtesy Uwe Bücher, Langen, Germany

Home Page:

<http://ourworld.compuserve.com/homepages/buecher/>

February 1999
Volume 11 No. 1

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Flinders University Speleological
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Potential Wealth.

From the Advertiser,
March 21st. 1922
By our special Representative.

Once again it has been demonstrated how little is really known of the potential wealth of Australia. Originally looked upon as a country destitute of those things that have forced other countries rapidly to the fore, the discovery of gold changed everything. Prospectors scoured the country and mine after mine was discovered. Then other minerals were found and hand in hand came prosperity and population. The working out of the gold fields and the economic upheaval brought about by war conditions caused attention to be turned to the man on the land, and the appeal was sent out, "Produce! Produce! Produce!" But the farmer, too, had his troubles, amongst then being the increased cost of production. It was not a matter so much of actual work, as that with the spread of scientific agricultural knowledge, he realised that if plant food was taken out of the soil in the form of crops, it must be put back again in chemical form. Certain kinds of plant food were available in limited quantities, but the main bulk were prepared from imported bases. Phosphatic rock came from Ocean Island and practically the whole of the rich nitrogen bearing guano from the enormous deposits discovered in Peru. In other words, a great proportion of the most expensive manures needed had to be shipped thousands of miles and the extra cost borne by the farmer.

Now in a flash the whole situation has changed. A lonely prospector, who for the past 40 years, has been chasing a Golden Fleece

and meeting with no success was working a guano cave hundreds of miles from civilisation. One day there came to him a man from another district and told him of better caves. The prospector packed up his things and went to look for himself. He was so satisfied with what he saw that he dismantled his working and had them brought here to Bukalowie situated about 30 miles from Carrieton, and just alongside the well known land mark of Gregg's Wells. It only needed a little while for him to be convinced that he had stumbled on a discovery that was not merely a matter of district or State importance, by was something that would bring about a reorganisation of the whole artificial manure markets. He told some friends, the matter was discussed, and finally placed before a syndicate in the city. Guano was an unknown quantity as far as this country was concerned, and it was some time before anything was completed. Then the work was started in earnest on the one cave and it was found that the whole mountain was practically a series of huge caves, each of which was filled nearly to the top with the deposits of bats that had lived in times long past. Organised prospecting was initiated and other caves found in the vicinity. Again reports were brought in of an other series of caves at Arcoota, lying between the famous old station property of Yednalue and the homestead of the Messrs. Warrick at Holowillina. There are four large hills hollowed out some million of years ago and in later time filled with guano by bats.

Working quietly, the syndicate completed the plans and sunk shafts and tunnelled. Every part of the caves that were accessible was probed, sampled, and analysed with results that were beyond the wildest expectations. Then a limited liability company

known as Nitrogen Ltd, was formed, the whole of the shares being taken up immediately and the new concern taken charge officially as from January 10 last. Full development work is now in swing, and plans and specifications have been prepared for the erection of big works at Port Adelaide for treating the product of the caves. Just what the available supply is, is impossible to say, because, although at the present time only a little way from the various entrances has been explored it is estimated that there is sufficient to keep the works at full blast for at least 50 years with what is in sight. The quality of the material may be best judged from the report of Mr E Clarence Wood, consulting industrial engineer of Adelaide. He says in the course of a summarised report: "Some of these guanos are indeed ready for direct application to the soil. The only thing required being to grind to a finer state of powder. The grinding, however would be quite inexpensive, as the whole of the samples are in a state of partial decomposition owing to the operation of natural breaking down processes. Over and above the high phosphatic values, a majority of the samples show considerable nitrogen content. Some idea of the value of the phosphatic ingredients may be obtained by considering that the guanos represent a bonedust which has been partially converted into the soluble form of phosphate, which is immediately available as a quick manure for crops, nitrogen included."

Interesting discoveries.

So much for the events which led up to the discovery and to the present situation. On Friday a special party left Adelaide on a trip of inspection at the invitation of Mr A. R. G. Fearby, managing

director, and included amongst its members was Professor Wood Jones, Professor of Anatomy at the University, who was anxious to examine bones found in the various caves. Some sample brought down before had disclosed the presence of two animals, now both extinct, one of which practically nothing is known. They were met at Carrieton by Mr J. A. Hardy of Pamatta Station who is one of the directors of the company and motored north to Bukalowie. The trip was made through country that a little over 30 years ago was cut up by the Government into 1000 acre blocks, with the idea of inducing men to take up wheat growing. On both sides of the road are the remains of the old homesteads now falling into ruin as the experiment proved a failure, the small farms being now merged into large grazing holdings. Out from Belton the country becomes very poor. There is practically no grass, and the carrying capacity is about one sheep to six or eight acres. Swinging into Bukalowie the road follows the bed of a creek, that in wet seasons runs through the centre of a wide plain bounded by two high ridges. Down the north side of the this, another range of hills is struck dipping and rising the whole length of a smaller valley and carrying an outcrop of dolomite. It is here that the caves are and camp was made for the night in the bed of the creek.

The original entrance to what is known as Bukalowie Nol was well up on the hill, but a tunnel has now been driven in to meet the shaft and the whole of the material will be brought out through it. Mention of caves naturally brings to mind visions of beautiful stalactites. Here were none of these things. To the right, to the left and in front stretched

dull grey coloured walls their regularity broken into a hundred different sizes and shapes, and beyond the flickering light of the candles loomed a hundred black openings, unknown and unexplored. Under foot was a dark brown soft carpet. It was guano, the Golden Fleece of chemical manures, untouched by human hand, and stored by Nature at a time when the whole surface of the country presented a luxuriant growth of plant life now extinct, in giant gloomy store houses, wrought some ages before. In some places it was almost to the roof. In others there was just room to walk. Again, the roof could be seen in the gloom arching into a giant dome. And everywhere ran off the other passages. A lamp put to an opening revealed a smooth passage that ran up into the darkness and so the party went on through cave after cave, a hundred feet from the entrance two hundred feet and double that. A hundred feet or so above then was the top of the outcrop. What was below no man knew, or could tell; but ever there was the soft pad of the guano, which has been proved in many places to be over 40 feet deep.

And so for two hours the party wandered through the maze of passage ways, at times dropping down to some cavern below, at others scrambling up to some higher level. All the while the professor was busy unearthing bones classifying and appraising their scientific interest. Somewhere out beyond the labyrinth lay the open country. Inside everything was still and quiet, even as it was in those days when the enormous bats flitted silently through the gloomy openings in their millions, carrying out their part in the miracle that is Nature's.

South East Trip Report

Deborah Callison

Penola 11th-12th July, 1998.

Present: Clare Buswell, Sophia Dodds, Deborah Callison, Brendan White and Paul Waclawik. Special guest: David Treherne

The alarm went off and Paul & I groaned about another FUSSE trip with a hideously early start. We picked up Clare at about 7:30am and leaving a glaring (Morning stares? Ed.) and resentful Heiko marking exam papers for the weekend.

Arrived at Naracoorte at about 11am to find Sophia & Brendan throwing a ball around. On second inspection, the 'ball' turned out to be a lump of rope. David Treherne had apparently spent Friday night showing them a variety of knots including one for turning a relatively useless item (a length of rope) into a much more useful item (a ball of rope). It seems that their car broke down on a number of occasions on the way to Naracoorte, requiring Sophia to push the car to start it. We saw that Mavis was present and working hard already.

Once lunch was organised, we headed off for Quarry cave & Car Wreck (Monbulla) Cave. Upon arrival at Quarry Cave, Brendan & Sophia were seen sniffing each other in a strange fashion – apparently pheromones got the better of them, and they attacked each other with a fragrance in a Naracoorte chemist (Mavis is acting in strange ways these days!)

Quarry cave had a small crouching entrance, then a number of crawls to some rather nice formation and tree roots. Paul took some photos of bedding planes of rocks, some formation and a macro shot of a straw – hopefully this will work out! A cave cricket was spotted by Clare. A very nice cave but lots of crawling!

We then had lunch and headed to Monbulla cave. At least the car wreck is gone. The entrance was a walk in then lots of formation, more quite large tree roots and a cave spider. Lots of fun and we had a great time paying out Sophia and Brendan about their 'aroma'. We exited from the second entrance of Monbulla and walked back through the forest to the cars, negotiating an electric fence. Clare and David went scouting and found a good doline they thought would be good abseiling practice. We then headed back to Naracoorte, bought beer and Sophia and Brendan cooked an excellent stir fry for tea, accompanied by salad, bananas, whipped cream and biscuits for dessert. (Usual FUSSE rations)

Clare got a (sort of) hot shower on Sunday morning, but Mavis (who was well and truly with us this trip) got to it, and Brendan had a hot/suddenly cold shower.

We then headed to beekeepers, and had an informative session rigging the cave. We then entered and trogged around. It felt so nice to be (mostly) walking! We saw some of the interesting fossils in Beekeepers – tube-like animals in the limestone. After some more crawls, certain anatomy was complaining of pressure, so we exited fairly rapidly on the ladder, and then packed up equipment as people came out. All went smoothly and Brendan had great fun chaining up the rope. We headed back to the Scout Hall, cleaned up & left quickly before Mavis could steal the key. (She had already taken off with Clare's mug at Breakfast). A warm bed and hot shower were waiting at home.

Overall a very enjoyable trip.

Corra Lynn Trip Report

Deborah Callison

Curramulka 16th July, 1998.

Present: Kirsty Kitto, Deborah Callison, Brendan White, Nigel Pedersen, Sam, Rachel, Carl.

Mavis struck down Paul and Sophia before the trip.

Set off at 7:45am and picked up Nigel

We arrived at Curramulka at 10:30am, and organised gear and indemnity forms. We then entered the cave and had a pep talk about caving & respect for the cave environment. We decided to do Bandicoots bypass and headed out to see Limestone Bridge & the Great Collapse. Everyone had a chance at navigating – with much checking of maps at each point and checking of side passages to ensure they were dead ends, or the passages that they were supposed to be. Bandicoots bypass was fun (!) and made most of the new members grunt and groan.

Chocolate and water were handed around with alacrity at the end. Brendan left his bum bag in the tunnel, but Rachel went back for it. It probably should have been him!

We made it out to limestone bridge and great collapse, passing through skeleton crevasse & maze on the way. We headed back out then, but missed our first climb down and ended up climbing up the four stranded rope with footloops. Very exhausting, and a good test of stamina and flexibility. Some of us chimneyed up on the other side of the rope and bridged across – not as exhausting, but rather enervating as space is rather open. I also didn't trust my rather muddy boots for chimneying safely. Got up top with Nigel and Sam's assistance and then navigated our way out on the upper level to jump down onto the entrance steps.

Came out and decided that the pub was more appealing than more caving, so had a quiet beer and social game of pool. We headed back home and dropped off the key to Graham Pilkington.

It was a good trip with many highlights. The new members performed very well with navigating, crawling and climbing, and we have three new members (even after Bandicoots!).

WHAT IS ON FOR THE NEXT COUPLE OF MONTHS 1999

Contact Secretary for trip plans, and contact trip organisers for details of planned trips.

ASF PRESIDENT'S REPORT

August 1998

Background: The Australian Speleological Federation is the national organisation of cavers in Australia. FUSS is a corporate member of the ASF which means that FUSS members are covered by the ASF insurance, receive Australian Caver and participate in the decision making processes of the ASF via its council meetings and conferences.

Importantly the ASF provides a forum for cavers to get together and have a good time underground. The president's report below tells of what has been happening over the last year.

Dear Members

I had intended to report early than this but following the Melbourne Council meeting we, the Executive, realised that there was a lot more work to do than first anticipated. The revision of one area kept leading to the necessary revision of another.

At the Melbourne Council meeting we managed to get through an enormous amount of work in the allocated time and afterwards, many of those attending commented favourably about the amount of input they were able to have during discussion time. This being my first council meeting in the chair, and considering the constitutional changes that were being proposed and the turbulent events of recent years, I was very pleased with the outcome of the meeting and in particular the way in which members conducted themselves.

MINUTES:

We still have the ongoing problem of the minutes not coming out on time. They were taken and prepared by Chris Dunn and I congratulate him on the amount of detail, which keeps those not attending the meeting completely informed. However, they do need to be circulated within three months as per the constitution and I will be addressing this on going problem.

FINANCES:

This has been the major area of concern. At the time of the council meeting all of the Treasurer's books were with the accountant

preparing the audit. This proved to be an enormous task with many grey areas within our records. However, we did manage to present audited statements covering all of the years as requested by the incorporation department. This was done at the eleventh hour and we managed to just delay, being struck off the register. If this had occurred!!! Well I won't go into the details. We must thank our public officer Peter Nicholson for personally liaising with the department and sorting out the many problems we continued to encounter.

When he received the statements from the accountant a strongly worded letter accompanied them. It referred to the lack of responsibility of the executive shown in respect to the control and the proper recording and management of all our finances as required under the incorporation act. Following this, at the May 30 Executive meeting we set in process reviews of all our accounting practices. The terms of reference of all Executive offices and all commissions are being reviewed.

This action is being carried out by the Senior Vice President John Dunkley in conjunction with the Treasurer, Chris Riley and the convenor of the

Administration Handbook, Chris Dunn. All the relevant officers and convenors will be approached for input. This is hoped to be completed by the council meeting in January 1999.

CAVING LEADERSHIP STANDARDS--ORCA:

As usual, the convenor Alan Jevons is well on top of this very involved and lengthy process. At the Executive meeting Alan Jevons and Chris Norton presented a report, bringing us up to date. The discussion that followed centred on ownership of the standards and copyright. So as not to confuse the issue, the following are extracts from the Executive meeting of May 30:

"The National Standards are owned by SRTA (Sports and Recreation Training Australia) - ORCA has been contracted to devise these standards. Recently, these standards have come back in for review (by ORCA) by focus groups established in each state. ORCA is also looking towards developing industry standards and is developing a register of qualified assessors in line with the National Standards. Alan believes that from an ASF perspective, a set of training skills or standards may be useful by which to devise a curriculum directed at training within the caving

fraternity. It was resolved that ASF write a training resource manual".

Following the discussion on copyright it was resolved that an Intellectual Property and Products ad-hoc committee be formed and prepare a policy to be presented at the next Executive meeting. A list of the intellectual property within the Federation will also be useful to ASF enterprises.

INSURANCE:

The amount of liability cover of our policy, has been reviewed and it was decided by the Executive not to increase our coverage at this time.

ASF PRODUCTION:

This is proceeding with the first step being to have the Federation registered with the Tax Department as an environmental organisation. This will enable ASF to accept tax deductible donations for any purpose that will further the aims of the Federation under the constitution. This registration as an environmental organisation will also be of assistance in our application for administration funding.

AUSTRALIAN CAVER:

The Executive invited the editor Dean Morgan to attend the executive meeting to further improve the cost of the magazine. Consequently, the executive have established a publishing committee to take care of all responsibilities apart from the editing which remains with Dean. The printing, posting and control of the addressing along with future advertising will be the responsibility of this committee.

The Convenor is to be Angus Macoun and he can co-opt or receive help from any persons who are interested and he will need help. The printing and postage on the mainland will be cheaper and it is hoped that the overall cost of the magazine will be reduced. All material for inclusion in the magazine will still be sent to Dean Morgan.

KARST INDEX:

As has been reported by the convenor Peter Matthews, on the web site and Ozcavers the digital version of the index will soon be ready for trial by the State Convenors. This has been a very long and drawn out procedure because of the complexity of the job at hand.

Peter has given more than his fair share of time in devotion towards to this

project and I am sure that he to is also looking forward to seeing it up and running. From talking to some of the State Convenors the backlog of material is mounting up.

MEMBERSHIP CARD:

The membership card was approved in the budget at the Quorn council meeting. The Membership Secretary, Angus Macoun is responsible for the distribution. The cards will State Member's name, Society name, serial number and year of currency. They will be sent to the clubs, as per the receipt for their members and it will be up to the club or individual if you use it or not.

CONSERVATION:

A number of conservation issues were discussed at the executive meeting. They included:

Tasmania:
Magnesite Karst mining report given by Arthur Clarke.

Bolt Laddering:
Arthur has circulated a paper on this issue and is gathering the feed back for the next council meeting.

Mt Etna: There has been movement in relation to the monies held in security and by the council meeting in

January 1999 I hope to make an announcement.

Cliefden Caves: An application for funding for a rehabilitation project for the vegetation at Cliefden Caves, has been successful. Peter Dykes is to be congratulated for his efforts in this area. More funds have been applied for, for other areas.

Cape Range Western Australia: This area is listed with the Karst Waters Institute as one of the top ten conservation sites of it's kind in the world. It is presently threatened by mining with the leases already being granted. Heather Jefferies was to contact Rauleigh Webb for more information and possible action.

MEMBERSHIP FEES:

Because of the changes to the Constitution and the fee structure, the notice of membership fees due, was late in being circulated to the clubs. The Treasurer has asked all clubs if they could return their fees as soon as possible. This will also help him to keep the mailing list for Australian Caver updated.

FINANCIAL YEAR:

There was discussion about this issue, however, at this time there is no necessity to

change the date of the financial year.

The Executive is continually working on many issues some of which we do not want to comment on at this stage. Some members have reported, on OzCavers, that they have not received a number of editions of Australian Caver. If there is a problem the appropriate person to contact is the Treasurer. He can then arrange to correct the list and also arrange to have back issues sent to you. Please remember that OzCavers is not part of ASF and if you have a complaint then it should be done through the proper channels. This is a voluntary organisation and being human we do make mistakes (sometimes).

Finally, I would like to remind you of **CAVE QUEENSLAND**, the conference is being hosted by my club, CQSS here on the Capricorn Coast and we can be contacted by email: cqss@cqnet.com.au or you can find the Registration Form and updated information on our web site: cqnet.com.au/~cqss.

We are regularly sending out information about the conference and are hoping for a good attendance.

The last Queensland Conference was Tropicon,

held at Tinaroo. It was at the time when CQSS were heavily involved in "direct action", trying to save the caves of Mt. Etna. At that conference we called upon all members of the Federation for their support to help us in our efforts. The support that followed was overwhelming and I for one consider that this conference is a way that CQSS can say, in a small way, thanks for your help. I hope to see many of you there. Until then, please look after Australia's precious caves.

PETER BERRILL
PRESIDENT
AUSTRALIAN
SPELEOLOGICAL
FEDERATION

Thoughts on Sellicks Hill Cave

Grant Gartrell

"Two years secrecy about one cave by speleologists from others signed the caves demise, had the ASF running to Inquests, the Court, Ministers, Premiers, Parliamentary Committees costs cavers hip pockets around \$30,000+ plus anguish and sleepless nights."

Nice thought, Alan, and without your solid dedication and effort we wouldn't have achieved anywhere near as much as we have. But it's not an ideal world, and as I am one of the guys who was keeping the secret in the first place, .. well, since the matter has been raised on ozcavers, it warrants a bit of amplification on ozcavers as well.

I really don't think that it is fair to say that any actions that we took at the time "signed the caves demise", although it is possible that a different strategy could have achieved a different outcome.. We were busting a gut to try to protect it, and we all felt betrayed and shattered by what happened.

The quarry company initially invited us to check out the hole and advise them what to do about it.

After our preliminary investigation of a relatively insignificant cavity led us to the conclusion that it would be worth chipping out tight (read "otherwise impossible") crawlways to try to find more cave, we were required by the quarry company to sign confidentiality agreements in order to have any further access to the cave system.

The secrecy was not of our choosing. It was imposed upon us. At that stage, what we had found was not newsworthy, and our choice was to forget about it then, in which case any additional cave would undoubtedly be destroyed by quarrying, or accept the conditions required by the company, and try to find out what was there. We chose the latter strategy. In some ways the quarry management showed an enlightened attitude. They gave undertakings to us in regard to the protection of sections of the cave which they later disregarded. Were we being conned from the outset? I don't think so, but I could be wrong. Did they just see the world differently? Perhaps.

The outcome for the cave may yet end up the same as whether we'd never found it in the first place, but we've certainly managed to give the issue some prominence, and our politicians still wince at its mention.

What a bunch of twerps, I hear you cry. Why didn't you tear up the confidentiality agreement and go public once you knew the cave was significant?

The answer is pretty clear. None of us particularly like bankruptcy. It mightn't matter too much if you don't have any assets, but if you have to flog off your house and put the wife and kids in a cardboard box somewhere, its avoidance could actually be rated by some members of the family as higher in priority than some action that may or may not be effective in saving a cave. If as a result of our actions, quarrying was held up for any significant amount of time, or the company's reputation was damaged, there is absolutely no doubt that we would have been sued for large lumps of money by the company, and on the advice received our legal position would have been a long way up the creek in a barbed wire canoe, and of course - no paddle.

The saga and the negotiations were more complex than we have time for here, but it is true to say that the Big Bang blew up our obligations under the confidentiality agreement and we immediately initiated a large amount of publicity. For a while it was very effective, if a bit tense. After one TV interview the company's lawyers wrote to me threatening me with a defamation action. I told them that I would stick by what I had said, and they backed off. The TV stations and the newspapers are old hands at that game, and the company would have to take them on as well, so I guess that took a bit of the heat off me. All the same, I'd rather be crawling down a hole somewhere than biting my fingernails in a courtroom.

In summary, even in hindsight, we considered our responsibilities seriously, and probably made the only sensible decisions we could have made. It was in many respects a bloody awful situation to be in, and not one that I would wish on anyone.

After the event we forced a State Government convened "Review of Facts" into the event, which established that there was a good probability that about 90% or more of the known cave should have survived the blast in a structurally sound condition.

In addition there was an extensive inquiry conducted by the Environment Resources and Development Committee of the Parliament of South Australia which published a wonderful report vindicating the cavers' actions, recommending changes to legislation to improve the protection of caves and to prevent a recurrence of this type of event, and recommending that access to the cave be made possible for a proper inspection of its current condition.

Given the fact that the information is now about as free as it can ever hope to be, is it giving the 90% of the cave remaining any protection? No way! Our government and the company having been given a heap of information from highly qualified experts, would apparently rather ignore most of it and just pick out the bits that make them feel comfortable knowing that if they can tough it out for long enough, eventually the problem will cease to exist.

It's really sad, but what do you bloody well expect? It's a bit much to ask for imagination and lateral thinking by guys who have a perfectly successful formula of blowing up rocks so that they can drive around in lots of flash cars to lots of nice restaurants.

"South Australia - the Gravel State" - as a slogan it's going to need a pretty good marketing people, but they've got 'em and we haven't!

If you can't beat 'em, join 'em! Pass the gelignite.

Cheers,
Grant

GEOLOGIC AGE OF SOME AUSTRALIAN CAVERNOUS ROCKS

Thousand yrs	Era	Area
20	PLEISTOCENE	Basaltic lava of Western Victoria. (Most recent eruption occurred less than 7000 yrs ago.)
		Einasliegh-Mt Surprise, QLD
		Dune Limestone in the SW of Western Australia, (Margaret River)
		Eyre Peninsula and Kangaroo Island, S. A.
Million yrs		
2	PLEISTOCENE	
	PLIOCENE	
30	MIOCENE	Nullarbor Plain, Murray Valley in S.A.
50	OLIGOCENE	
75		
100	CRETACEOUS	
125		
150		
175	JURASSIC	
200		
225	TRIASSIC	
250	PERMIAN	Kempsey NSW.
275		
300	CARBONIFEROUS	Texas Qld.
325		
350		
375	DEVONIAN	Buchan, Victoria. Wee Jasper, Timor, Wellington, NSW. Mt Etna, Broken River Qld. Limestone Ranges W. A.
400		
425	SILURIAN	Yarrangobilly, Jenolan, Colong, Cooleman Plain, Benithera, Bungonia, Wombeyan, Wyanbene NSW. Chilligoe, Qld.
450	ORDOVICIAN	Mole Ck, Gunns Plain, Florentine Valley, Ida Bay, TAS Walli, Abercrombie NSW
475		
500		
525	CAMBRIAN	Katherine, N.T. Riversleigh, Qld. and Curramulka, S.A.
550	PRECAMBRIAN	Coorow, W. A.
575		Wilkawillina-Flinders Ranges, S.A. Hastings, TAS

WHAT IS ON FOR THE NEXT COUPLE OF MONTHS 1999

- | | | |
|-------------------|--------|---|
| Wed 3rd March | 11-2pm | FAIR DAY Plaza Flinders Uni
Kirsty organising. #12174 |
| Monday 8th March | 7.30pm | South Australian Speleo Council
Meeting, Maid & Magpie Hotel,
Norwood. |
| Tuesday 9th March | 6.30pm | General Meeting. Introduction to
going underground. Lots of fun,
slides, wine cheese and bondage. Planing
for the next trip will occur at this
meeting. Jeff Harrison Meeting Rm.
Union Building. Look for signs to the
room. |
| Sat March 13 | 9am. | Glooping Again. Beginners trip.
A one day trip to the Murray River.
Bring: Lunch, Drink, Swimmers, towel.
Sunburn cream. Transport will be co-
ordinated by Kevin Cocks. 8278 3156 |
| 2-5 April | Easter | Flinders Ranges Trip.
Paul Co-ordinating: |
| Tuesday 6th April | 6.30pm | General Meeting.
In the Flinders Uni Tavern. |

12-26 April Mid Semester Break

- | | |
|------------------|--|
| May 5th | AGM Time and place to be announced.
Planning for the next trip will occur at
this meeting. |
| Sat/Sun 8-9 May. | Upper South East.
Kevin Cocks co-ordinating: 8278 3156 |

MEMBERSHIP FEES ARE DUE. STUDENTS \$20.00
EVERYBODY ELSE \$30.00