



NEWSLETTER

Cave Exploration Group

South Australia

C/O SOUTH AUSTRALIAN MUSEUM NORTH TERRACE ADELAIDE

NOVEMBER 1967

EDITORIAL

WHEN CAVING DO YOU :-

- 1 ALWAYS CARRY 3 SOURCES OF LIGHT?
- 2 WEAR YOUR SAFETY HELMET?
- 3 ALWAYS LEAVE WORD OF YOUR DESTINATION AND RETURN TIME?
- 4 ALWAYS HONOUR YOUR RETURN TIME?
- 5 USE A BELAY ON ALL LADDER PITCHES?
- 6 KNOW HOW TO TIE A BOWLINE?
- 7 STAND CLEAR OF LADDER PITCHES, TOP AND BOTTOM?
- 8 OBEY THE LEADER?
- 9 KNOW THE BASIC ELEMENTS OF FIRST AID?
- 10 THINK BEFORE YOU ACT?
- 11 ENTER A CAVE ALONE?
- 12 JUMP FROM ROCK TO ROCK?
- 13 DRINK ALCOHOLIC BEVERAGES?

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If your answer to the first 10 questions is 'YES' and the last 3 'NO' then you are an asset to the Group.

If you DO NOT attain this score then it is time to brush up on your safety code!

A.R.J.

MEMBERSHIP

The Group extends to the following members its congratulations and wishes them many years of happy association with the Group.

FULL MEMBERS

Wayne Goedecke
Helen Slater
Harvey Cohen

ASSOCIATE MEMBERS.

Ian Lewis
John Boyle
Graham Chandler
Peter Crabb

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MEETING PLACE

We wish to remind everyone that the General Meetings are now held in the old Country Lending Library building at the rear of the Museum. There is also ample parking space there, and the acoustics are a vast improvement over the old lecture room.

FIELD DAY :

Did you see Peter Robertson perform his famous "Swallow-dive" rappel ??? YOU DIDN'T ?!! Chances are you weren't at the field day in Belair National Park. It was a perfect day and just right for training.

Nerissa Ridgely climbed up and down 35 feet of ladder twice straight, Derek Ridgely abseiled down the same pitch, and neither will be old enough to join the Group for many years.

Even an ancient old bloke called Hill was seen zooming down the main abseil rope with a big smile on his face more times than you'd care to keep count!

Whats that??? You don't know how to abseil? That's WHY we have field days, but you've got to be in it to win it, so how about YOU giving it a try some time?

MISSING FRIENDS :

Where were you when Vic Linke was addressing the very select audience at the September General meeting? Vic's account of the Lava Caves of South Western Victoria was such an eye-opener that most of his audience is keen to go on a trip there sometime next year. Imagine entrances the size of Mulla Mullang's draped with multitudinous varieties of fern. Did you know that some lava caves once contained rivers of lava and that it could actually flow uphill?

Perhaps you should join the others and go and see for yourself!

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\$2.00..\$2.00..\$2.00...

BY THE WAY...\$2.00 is the Annual Subscription to "HELICITITE", the Australian Journal of Speleology. NOW is the time to give a subscription for Christmas, even if you give it to yourself.

Send \$2.00 -to "Helictite" P.O. BOX 183, Broadway, N.S.W.

SOCIAL AUCTION

Things have returned to normal at 413 Cross Roads following the staging there of the second CEG(SA) Social Auction, during the course of which all sorts of junk, interspersed with genuine antiques, priceless heirlooms, and fantastic goodies all got knocked down for ridiculously low figures. (Fred's honey fetched almost market price, but even then it isn't everyone who has bees as contented as Fred.)

Altogether almost \$50 was raised, with 80 separate lots under the hammer. Highlight of the evening was the discovery of some weirdly garbed floral wogs believed to be both male and female, but we're not quite sure about either, escaping through the back door after ratting some of the delicious supper laid out in the kitchen. Pity they got away, because we could have auctioned them, but probably nobody would want one anyway!

On the other hand, thanks to everyone who pitched in and helped make the show so successful, and especially to Barry Wright who thought those shapely legs we tried to sell looked suspiciously like the ones missing off his bed.

Remember, if you want a china pig sitting alongside a shoe, an 8 floor lift-indicator for the front door (status), a rucksack, a jabberwocky, or even just an enjoyable evening, make sure you don't miss the next CEG(SA) Social Auction!

DID YOU KNOW ? A cave in Tennessee in the United States contains a room with a lake up to 100 feet deep and 4½ acres in area, appropriately called the 'Lost Sea'. This is twice the size of the lake in our Cocklebidy Cave on the Nullarbor. You'd better keep some holidays handy for January 1969, because straight after the Aust. Speleological Federation Conference in Adelaide at the end of 1968 CEG(SA) is planning a major diving expedition to the deep lake caves of the Nullarbor, and we could find an underwater Mullamullang! There will be plenty to do for non-divers on this trip as well, as you will already know if you have been there before, and if you haven't been there before start saving NOW so that you can complete your education!

A.S.F. Handbook.

Production of the Australian Speleological Federation Handbook is now well under way. A great deal of work has gone into this publication, which will contain a mine of information on Caving in Australia, as well as a checklist of all Aust. Caves in existence. At 200 pages for \$2.00 this is a real bargain! Payments of this small amount in advance to Alan Hill will ensure your copy, and greatly assist the A.S.F. to meet its financial commitments for this project.

Baby 'Trog-to-be' saying prayers "And thank you dear God for making Caves just specially for those dear little Blind Cave fishes, and the blind cockroaches to live in, and for my Daddy to play in! Amen!"

RECENT WORK IN THE SAND CAVE (S29)

Surveying of this cave has been taking place since May, and the complete circuit has now been mapped, including many new extensions and I am quite sure that no more will be found without a good push.

Nothing of great interest has been found in the new extensions, no signs of bones etc. although many good fossils can be seen. Only small evidence of new formation, but many sand and rock slides. All of the new extensions run either S.E. or S.W; and as usual huge rock falls cover the cave floor. I don't wish to push the cave at this stage, at least not until the plan has been completed.

Much more has to be explored; on my last trip down I found another huge extension running S.E. and it continues on after the right junction to the Formation Chamber. It is much larger than any other section of the cave, a huge rock ridge can be found in the first large chamber and many small mud chambers and offshoots were also seen - there is very little evidence of early exploration although I only followed about 600 ft. of traverse, I saw enough to be assured that it is the largest cave in the Naracoorte belt.

I have completely surveyed 3000 ft. of traverse, starting at the columns from Sexton's map; and I hope to have the plan at least completed by Christmas.

May I express my concern on the exploration of this cave by any inexperienced persons, as this could be dangerous. I have found much evidence of dangerous rockfall, so please, let's be careful not to leave anything but footprints.

Yours in trogging,
WAYNE R. GOEDECKE,
1st. Flinders Pk. Rover Scouts.

WAYNE GOEDECKE has been systematically mapping S29 this year as part of a project for the BP Award. It is important that his present survey stations and his work generally are not disturbed there. Anybody wishing to volunteer as a helper to Wayne should contact him through the Group.

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NARACOORTE TRIP 7th OCTOBER, 1967.

A small party visited the Sand Cave on this date primarily to reinforce the concrete at the entrance and to attach a grill. It was noticed that the nearby sink used as a rubbish tip had collapsed, but no evidence of this subsidence could be seen from below.

Some of the party inspected the recently discovered extension which continues in the line of the main passage. This was found to end in some small mud-floored chambers connected by a section containing some clean white stalactites. After some time excavating a squeeze off the left-hand wall of this section access was gained to a mud-crawl which soon returned to the main passage line. The passage then continued for approx. 1000 ft. over large breakdown to a very large chamber containing some massive formation.

NARACOOORTE TRIP (cont.)

Continuing in the same line a rock choke was encountered. With the aid of a pocket knife a small hole was enlarged and the choke was penetrated. After a further 1000 ft. of similar tunnel the cave appeared to end in another mud floored (and roofed) chamber.

On the way out some of the offshoots previously left uninspected were examined. In one of these which terminated in a low-level mud flattener a complete skeleton of a small fox (*vulpes-vulpes*) was found. The bones were necessarily recent. This is because it seems likely that many of the lower mud levels of this new part of the cave were often periodically filled with water in the past. Local land-owners have confirmed the hypothesis that the South-east drainage scheme is responsible for the cessation of these floods in recent years. The above mentioned skeleton and another found in a similar mud flattener indicate that access to the cave from the surrounding swamps may be possible for small animals. The importance of coordinating a surface survey with any underground survey in view of this fact cannot be stressed too much. This might even suggest that an investigation of the banks of similar swamps in the area could lead to new cave discoveries.

One major offshoot on the left-hand wall going in was not inspected and numerous other smaller possibilities still remain.

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CAVE PARK S68.

In August a survey party went to this forgotten large cave at Naracoorte. The weather was drizzly but the survey party was eager. We parked our cars on top of the cave and attached a ladder to one. Down we went, one by one on top of a rather large pile of rubbish. In one door and out the other of an Austin Ute which was parked in the way. Down past a few slippery rocks to the bottom of a large chamber 50ft long, 30ft wide and 10ft high. There were half a dozen bat roosts on the ceiling. Everyone had a good look at the bats, some of which were banded. We tried not to disturb them with success for about ten minutes.

But there was work to do, so we set up the jiggers and headed off into the virtually "unknowns" of the cave. In the traverse we found a distinct north-south direction with a few possibilities of further extensions. When we had completed the main traverse curious about a flattener which did not seem to end. So we followed it. It opened up into small tunnels with a 2 to 3 ft. roof height. There was too much there to survey and we were nearly overdue, so we left leaving behind us 200 ft of new passage and over a dozen new passages not explored, any of which could open up into large new extensions.

Over 600 ft. of main traverse was completed with plenty more to come.

P.R.H.

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DEATH :

It is with much regret that we note the passing on of Tony Dillon. As some members will remember, Tony first came to the Group as a professional photographer and was appointed official photographer for the 1965-66 Mullamullang (Nullarbor) Expedition. He revisited the same cave again later in 1966 with a small party to obtain some more film to complete the movie of the expedition.

He has given a lot of information on the more technical aspects of photography to members of the Group, who have benefited greatly from it.

The Group offers their sincere condolences to his wife Barbara.

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COMING MARRIAGE.

If you happen to be in Sydney on the 27th of January, you are invited to attend the marriage of our President, Grant Gartrell to our Secretary, Leslye Mackay.

The Group extend to Grant and Leslye their best wishes for the future and may they produce many good trogs.

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FLOGGING SECTION:

There are still a few Mullamullang Reports (Occ. Paper No. 4) left but they will not last forever. Make sure you obtain your copy now before they have all gone. They are only a Dollar you know.

Also; for your Diprotodon Hillii we still have a small quantity of the special high-density magnesium powder left. Obtain YOURS while it is still available, as when it is all gone, there is very little hope of obtaining more stocks.

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THOUGHT FOR THE DAY :

The anatomy of any organisation includes four kinds of bones :

1. WISH BONES ; who want someone else to do all the work.
2. JAW BONES : who talk a lot and do very little work,
3. KNUCKLE BONES : who "knock" everything others try go do, and
4. BACK BONES : who get behind the wheel and do the work.

IN WHICH CLASSIFICATION DO YOU FIT ?????

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58	HELIGMITE	A stalagmite, usually small, which has an axis departing from the vertical at some stage in its growth.
59	INFLOW CAVE	A cave entered at the upper end into which a stream enters, or is known to have entered.
60	JOINT	A plane or gently curving crack, separating two parts of once continuous rock, which however, have not moved relative to one another.
61	JOINT-PLANE	The plane of a joint.
62	KARABINER	A link of steel with one side formed into a spring clip, used by climbers and cavers for quick attachment of a rope.
63	LAKE	A large body of standing water underground.
64	LAVA CAVE	A cave in a volcanic lava flow.
65	LIFE-LINE	A safety rope attached to a caver negotiating a difficult or risky situation.
66	LIFE-LINE MAN	The person in control of the life-line.
67	LIMESTONE	A sedimentary rock consisting predominantly of calcium carbonate.
68	LIMESTONE CAVE	A cave developed in limestone.
69	LIVE CAVE	A cave with flowing stream, and/or dripping decorations.
70	MARBLE	A limestone recrystallised and hardened by pressure and/or heat.
71	MASSIVE	Occurring in thick beds, free from minor joints and lamination.
72	NATURAL ARCH	A bridge of rock left in place by erosive agencies.
73	OUTFLOW CAVE	A cave entered at its lower end from which a stream issues or is known to have issued.
74	PASSAGE	A straight, winding, or angular cave opening of narrow width compared with other parts of a cave system, it may be, or may not be high and length is its greatest dimension.
75	PITCH	A vertical or nearly vertical descent or ascent.
76	POOL DEPOSIT	Crystalline deposits formed inside a pool.
77	POT	A natural vertical shaft or chimney open to the surface.
78	PORTHOLE	A nearly circular opening in rock wall.
79	RESURGENCE	A point of emergence from underground of a stream which has previously had a sub-aerial course.
80	RIFT	A long, narrow opening in the floor or roof of a broader passage or chamber.
81	RIMSTONE	Secondary precipitation making the wall of a gour originally deposited from slowly over-flowing water at the rim.
82	RIMSTONE BARRIER	A wall of rimstone built up through water over-flowing an obstruction, often curved in plan.
83	RIMSTONE POOL	A pool held up by a rimstone barrier.

84	ROCK SHELTER	A shallow cavity under an overhanging cliff or beneath fallen blocks or boulders, which has no part completely beyond the reach of daylight.
85	ROCKPILE	A confused mass of blocks or boulders on the surface or in a cave.
86	ROOM	A wider part of a cave system than a passage, but not as large as a chamber.
87	SANDSTONE CAVE	A cave developed in sandstone, usually only a rock shelter.
88	SCALING POLE	Light weight metal pole, in short sections for transport, fastened together for use and stiffened by stays and straining-wires if necessary. Used to raise ladders to points which cannot be reached by climbing.
89	SEA CAVE	Cave due to wave action in present-day or emerged sea cliffs.
90	SHAFT	A vertically developed opening in a cave, wider than a chimney.
91	SHAWL	A simple triangular shaped type of curtain, often with a fringe of coarsely woven appearance.

[the following items on this page where originally page 10]

COMMITTEE CONTACT LIST

President :	Grant Gartrell, 6 Gurrs Rd, Brighton. 234333 xtn 322 967022 (H)
Secretary :	Leslye Mackay, 49A Jetty Rd, Brighton. Messages through President
Quartermaster :	Peter Hawkes, 46 Hardy-Ave, East Glenelg. 93658(H)
Search and Rescue :	
Editor :	A. Jackson, 6 Hudson Ave, Rostrevor. 596467(W)

The Q.M. would appreciate all gear returned promptly after a trip. Trip Leaders are reminded that a rental will be charged on all gear returned late.

Applications to attend trips must be with the Trip Leader at least 7 days prior to trip departure and applicant must ascertain time and place of trip departure from the leader.

Photographic Competition

The photographic competition is being organised by Tony Butterfield this year. There will be two classes - Best Cave Slide and Best Personality. No more than 10 slides may be entered in each section by one member, and Cave slides must be taken in South Aust. and not have won a C.E.G.S.A. competition before. Entries close at the G.M. on the 22nd Nov.

C.E.G.S.A. Annual Dinner

Don't forget the Dinner at Florentinos Restaurant on Friday 8th December. It is estimated that the cost will be approx \$3 and a deposit of \$2 will be required with your-written application to Fred Sanders by the G.M. on 22nd of November.

“DON ' T F O R G E T .”

CAVE EXPLORATION GROUP (SOUTH AUSTRALIA)PROGRAMME NOVEMBER – JANUARY 1967-8NOVEMBER

- Thurs 9th. Committee Meeting - Abduls Place, 6 Hudson Ave. Rostrevor.
- Sat.-Sun, 11th-12th. Trip to Mt. Gambier Leader; Norm Hocknell.
- Wed.22nd. General Meeting S.A. Museum. Lecture Room. 7.30 p.m.
 - Speaker: Gordon Gross on 'Caves in New Caledonia.'

DECEMBER

- Sat. Sun.
- 1st. 2nd. Trip to Naracoorte work for Occ. Paper No. 5.
 Leader : Peter Hawkes
- Fri. 8th. Dinner and Photographic Competition. - Held at Florentinos Restaurant,
 Hindley St. 7.00 p.m.
- Application in writing and \$2 deposit with F. Sanders by 22-11-67. Photos
 to Tony Butterfield by same time.
- Thurs 14th. Social Committee Meeting - Bill Daws, 413 Cross Rd, Edwardstown.
 Everybody welcome. - BYOGGG.

CHRISTMAS TRIPS

- Dec. 22nd -Jan 1st. Naracoorte - Various Projects will be carried out during this period -
 Leader: G. Gartrell.
- Mt. Gambier - See Norm Hocknell re period and projects.

JANUARY

- Thurs 11th. Committee Meeting - Ron Galbreath's, 66Ashfield Rd, Elizabeth.
- Wed 24th. General Meeting - S.A. Museum. Lecture Room. 7.30 p.m.
 Speaker - Alan Hill – 'Burke & Wills Exp.'
 Followed by Members Slides of Christmas Trips.
- 27-28-29th. Long Weekend Trip to Western Victoria - see G Gartrell.

TRIP CONTACT LIST

- Peter Hawkes 46 Hardy Ave. Glengowrie. 93658 (H)
- Norm Hocknell 20 Adelaide Tce. Edwardstown. 763827 (W)
- Grant Gartrell 6 Gurrs Rd. Brighton. 234333 xtn 322 (W) 967022(H)