

**CAVE EXPLORATION GROUP
SOUTH AUSTRALIA Inc.**

PO Box 144 Rundle Mall, Adelaide, 5000



ANNUAL REPORT

1994

Thirty Ninth Annual Report

Presented to the Annual General Meeting
on Saturday 4th February 1995
at 36 Norman St, St. Marys.

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**PRESENTS THE
1994
ANNUAL REPORT**



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REPORTS



PRESIDENT'S REPORT

This has been a busy year indeed for CEGSA and its Committee. The major issue has been the Sellicks Hill Quarry cave affair and it has taken an enormous amount of our time, not only for the half dozen or so people who have been closely involved, but also at our General Meetings. The problem was that the issue involved the Group as a whole, in a legal sense and also because we were risking expending most of our funds. I think it was important that we all had a chance to have our say on the matter. A brief run-down of the Sellicks Hill Quarry cave affair is presented elsewhere in this report; suffice to say that while it is not all over yet, I believe the major decisions have been made and should no longer take up so much of our meeting time. I thank everybody concerned for their patience, for their effort, and those who pledged large chunks of money.

One of the outcomes of the Sellicks affair was that it showed up some weaknesses in the current ASF structure. At the Council meeting at the ASF Conference "Vulcon", CEGSA will move several motions which aim to set up State Divisions of the ASF. We believe that this will make the ASF more responsive to local issues while at the same maintaining a global perspective through a National Council consisting mainly of one representative from each State.

Aside from the Sellicks stuff, others have been hard at work too: our Artist-in-Residence June MacLucas has had two successful exhibitions of her Nullarbor caves works (with more exhibitions planned), George MacLucas stayed home and with his team of helpers has spent countless hours sorting out the Records and Library, Paul Harper and Chris Hales organised several SRT training days, Peter Horne has published his excellent Lower South East Atlas, Alan Jevons arranged insurance cover for all Australian cavers, Steve Milner's Blackberry Cave survey is progressing well, Ron Simms has achieved a milestone with his Cave Cricket work, Grant Gartrell made a significant discovery on Kangaroo Island, and Janine and Krunchy found time to get married. In April I attended the Victoria Cave centenary celebration at Naracoorte, in spite of the fact that CEGSA was not even invited.

Congratulations must go all those concerned with the recent successful World Heritage listing of the Victoria Fossil Cave. While the tourism implications of this listing are enormous, the scientific significance of the caves must not be overlooked - this is the first ever World Heritage site to have been listed on scientific merits alone. Rod Wells and his group from Flinders University have carried out thousands of unpaid hours of research at Naracoorte and it is Rod's work that has enabled the Heritage listing of this site - his reward, no funding. It was 25 years ago that members of our Group first discovered and mapped these fossil beds - our reward, removal of our research building. Some of those funds for upgrading tourist facilities should be earmarked for further exploration and research work in the area.

During the year David McIntyre resigned from the Committee and from the position of Quartermaster. Rob Dayman took on the Quartermaster's job with Eddie Rubessa taking over control of the keys of gated caves. I'd like to thank all of the Committee and Office Bearers for their effort in keeping the Group running this year. Our Secretary, Chris Hales and our Training Officer, Paul Harper will both be standing down from the Committee next year and so a special thanks to them for their support of the Group over the last two years.

We have welcomed quite a few new members into CEGSA this year and it is disturbing that we have spent so much time at our meetings talking of the political issues of caving, rather than getting out there and actually going underground. I hope this problem will be redressed next year - let's go caving.

Mac Macdonald.

SECRETARY'S REPORT

This year has been a long and tedious one with Sellicks Hill Quarry cave being the major issue at all meetings.

While this was an important and necessary issue, we must reduce the formal side of our general meetings and produce a meeting that is interesting, informative and keeps members especially new members coming to our meetings.

I realise that this is not an easy task but the incoming committee must try to return to the mandate that was introduced two years previously of making the business parts of the meetings short so people can socialise or be entertained.

I personally have found it difficult to keep minutes and be involved in on floor discussion this year and so look forward to not having to do both.

Thanks to everyone for their help and lets go caving.

Chris Hales

1994 AWARDS

Spirit of Caving

Ray Gibbons

Rivett's Award

Grant Gartrell

Leather Medals

Exhibitionist Class

June MacLucas

Tortoise Class, with Bar

Mark Sefton

Mundrabilla Marble

Janine and Peter Kraehenbuehl

MUSEUM REPRESENTATIVE REPORT

Several small collections of bones were retrieved/rescued from South Australian caves during the year. A toe bone, possibly of the extinct Kangaroo Simosthenurus, was found in Engelbrechts cave, Mount Gambier. Associated bones of Dasyurus sp. (quoll) were found under a rock in Blackberry cave, and brought in by Clare Buswell. Eddie Rubessa collected some bones of Kangaroo (Macropus) and brushtail (Trichosurus) from 5L71 (?).

A trip by Lance Hoey to River Road cave 5M18 resulted in a small spider being collected. The South Australian Museum's arachnologist David Hirst confirmed that, although not totally blind, the spider (of the family Desidae) was cave-adapted. Unfortunately, it was an immature female and unidentifiable further. More specimens would be needed to identify the species, which may be unknown to science.

Neville Pledge

SOUTH AUSTRALIAN SPELEOLOGICAL COUNCIL REPRESENTATIVE REPORT

CEGSA (Mac Macdonald) is in the Chair this year.

The club "All Divers Dedicated In Caving Techniques Inc." (ADDICTS) was accepted as a SASC Speleological Member after a year as an Associate. A group called "Adelaide Cave Explorers" applied for membership but after discussions with them, it was decided that it was inappropriate. They go to Naracoorte once or twice a year as a group of families for a special outing. The only reason for them wishing to join was to regain access to the caves after local DELM Officers implemented an "ASF Members Only" policy. The SASC is trying to change the DELM policy because it affects Scouts, School groups and many others.

The Cave Cricket & Human Visitation Project report is nearly complete. It will be released in early 1995.

The Caving Leadership Committee has produced a first draft of Caving Competency Skills.

Caver Insurance has now been instigated by the ASF. It covers the ASF, State bodies and Councils, Clubs and Organisations, their members visitors and Officers, and landowners leaseholders and the Crown. The insurance is for Public Liability, Professional Indemnity, and Directors & Officers Liability. All activities of CEGSA are covered: meetings, social events, club trips, and can be extended to cover overseas trips. Last February, a Legal Liabilities Symposium was run by the SASC for all SA sporting and recreational clubs to discuss legal liabilities of these type of bodies. The Dept of Recreation & Sport sponsored the event.

Close to CEGSA's heart, the SASC considered a cavers' hut at Naracoorte run by the SASC on behalf of all cavers. It was found to be impossible because the ASF would have had to take legal responsibility and they have proved that they want none (in contrast to the USA and UK national bodies). However, a submission has been put to DELM to rent the old Crawford house. If accepted, the responsibility will have to be taken up by one or more individuals or a body such as CEGSA.

As most people should be aware, the ASF court action regarding the damage and restoration of Sellicks Hill Quarry Cave has been withdrawn. The main reason being that the ASF Executive considered the financial exposure was unacceptable after CEGSA had ONLY raised \$40,000 to aid the ASF in the fight. It appears that the potential loss of the ASF was more important than the main reason for its' existence. The SA Upper House Parliamentary Environment Resource Development Committee has taken up the issue of the cave. The SASC and others are preparing submissions.

Graham Pilkington

MEMBERSHIP REPORT

	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>
Honorary Life Members	11	11	12	12
Full Members	47	44	46	49
Honorary Associate members			1	
Long-term Associate members	2	1	1	1
Associate members	10	17	14	23
SUB-TOTAL	<u>70</u>	<u>73</u>	<u>74</u>	<u>85</u>
Family memberships	5	6	5	3
Newsletter Subscribers	4	2	1	1
Newsletter Exchange	33	36	38	38
Newsletter Gifts	16	13	13	12
TOTAL	<u>128</u>	<u>130</u>	<u>131</u>	<u>139</u>

LIBRARY and RECORDS REPORT

This year a dedicated few have been the mainstay for working bees, altogether amounting to over 400 hours. These diligent workers of whom we are very grateful include Graham Pilkington, Ruth Lawrence, Ray Gibbons and June MacLucas. Special thanks to June who was kept busy every working bee supplying those willing to help with epicurean meals.

We are also grateful to Paul Harper who gave some of his time. Also to a few Scouts for some work on the Journals. Also many thanks to the others who contributed time towards sorting records information.

Library Books

75% or 250 books have been catalogued on computer by Ruth and Graham.

Books have all been clearly marked by index numbers.

Any duplication of library books have been reorganised and given the same book index numbers that are clearly visible.

Borrowing system by numbers.

It is hoped when the library records are completed, that a list will appear in a future edition of the CEGSA Newsletter.

Periodicals

A large amount of periodicals have been collated into folders by myself.

Paul Harper worked on CEGSA and NSS magazines as a home project.

Scouts spent a day sorting and collating some magazines in folders.

The backlog of the years of collecting newspaper clippings and magazine articles were sorted into scrap books by June.

Records

Karst Folders - the huge backlog of unfiled material has been placed into folders by Ray. The filing cabinets have been pruned of some of the extraneous data.

Maps

All original drawings of maps in records have been repaired by Graham and 99% of these have had comprehensive computer cataloguing (Paradox), by Graham and Ruth.

A general information list of up to 600 maps has been processed. A few are missing but it is hoped while cataloguing contents of each cave folder, some copies of missing originals may turn up.

This cataloguing of map copies by microfiche, roll, slides and cards has been processed.

The project of sorting and cataloguing of map copies we have on karst, topographical, geology and published maps has been started.

Nullarbor Records

Max Meth has also been testing a Paradox Karst data base. He has entered 1800 entrance descriptions and 1500 karst features.

Bunda Nullarbor Cliff Slides

The examination and karst cataloguing from slides by projecting onto a screen has been 50% completed (470 slides have been viewed so far) by June.

I will be making an application in the new year for funds to arrange some prints to be taken off slides that show best possible areas of caves in the cliffs. This is to see if a better overall picture by Juxtaposing enlarged prints for location of caves and accessibility of surface land formation, tracks, microwave towers, etc.

General Enquires

Besides receiving general enquires on library and records information from members, the South Australian Museum and Flinders University have requested a list of information. Flinders University in particular have requested information regarding Naracoorte region and the new Heritage Listing. They are interest in untapped areas where there may be fossil deposits.

Finally - Besides thanking those diligent workers of this year for all their help and interest, I offer an open invitation to any member to join our working bees. Times are arranged to suitability of willing participants. The best mental approach seems to be to join a long term project.

On behalf of CEGSA, I wish to thank all who have helped with the working bees. Many thanks to those people who have collected cuttings and any other information handed in. Donation of old periodicals is very much appreciated. The old folders for magazine placements has been quickly used up and any folders you may have no use for hanging around your home or office would be greatly appreciated.

The year has been very productive and I feel we have surpassed my estimate in progress for 1994. So I hope that 1995 will be as productive.

George MacLucas

1994 OFFICE BEARERS

Treasurer	David Wright
Training	Paul Harper
Safety	Peter Kraehenbuehl
Publications	Mark Thiselton
Librarian	George MacLucas
Records	George MacLucas
Quartermaster	David McIntyre (resigned September)
Quartermaster	Rob Dayman (from September)
Membership	Graham Pilkington
Public	Graham Pilkington
Land Owner Liaison	Gary Woodcock
Visitor and Trip Liaison	Eddie Rubessa
Social Events	Sue McCormick
Refreshments	Paul Harper
S.A. Speleological Council Representatives	Graham Pilkington
	Eddy Rubessa
ASF Representatives	Mac Macdonald
	Peter Kraehenbuehl
	Kevin Mott

PUBLICATIONS REPORT

This year the Newsletter under went a new look to that of previous years and as I have only received positive feedback, I guess the Newsletter will continue in this format in the near future.

There were only three editions to Volume thirty nine of the CEGSA Newsletter. This may have been for a number of reasons, but the one that comes to mind the most is that of the difficulty in obtaining material to publish. Many people volunteer articles for the Newsletter only it never seems to materialise. Maybe if the current trend continues we may find that there will only be two editions of the Newsletter next year, one the year after and no Newsletter in a couple of years? Maybe that's not such a bad idea as there will be no need for an editor?

I would like to thank the many contributors of articles for volume thirty nine of the Newsletter for making it what it was and encourage further contributions for future editions of the Newsletter. Material for the Newsletter should be sent to the editor by the published date and can be of any relevant article, sketch or map. I would prefer if articles could be supplied on a floppy disc to make the task of editing easier, these would be returned as soon as possible. However as not everyone may have access to a personal computer, a typed or handwritten articles is better than no article at all!

My role in publications has been to collect articles for each Newsletter, edit this information into a readable format on my faithful PC and finally print one copy for use as a master to use when publishing your copy of the Newsletter or Annual Report. CEGSA currently publishes around 150 copies of each edition.

On behalf of CEGSA I would also like to thank my wife, Lynne, for helping me in the publication of the Newsletter and the Annual Report by volunteering her time to proof read and critic all my handy work.

Mark Thiselton

TRAINING REPORT

As with the last few years we have seen a steady increase in the number of people interested in joining CEGSA and going on trips and at the same time a steady decrease in the number of trips being run.

Most caving skills are picked up by going on trips and learning from the more experienced members in the group. The "Training Officer" cannot wave a magic wand and make everyone a super-caver overnight. He can fill in the gaps in training by running vertical practise sessions, map reading etc. But generally it is up to the members of the club to get off their butts and to start leading trips to introduce raw recruits to caving and to run trips for intermediate cavers.

We are losing many beginners and disenchanting many intermediate cavers with our emphasis on politics and our stuffy drawn out meetings with endless reports on what other organisations and committees are doing. Lets get back to the grass roots of why we are here - Caving!

Due to other commitments, I was unable to run many training events early this year so I resigned in July hoping that someone with more time could takeover - but no one did!

I ran several vertical training days at the Woodhouse Scout Camp training tower and under the Gawler Bridge and two orientation trips to Corra Lyn cave 5Y1. Chris Hales later this year ran two vertical training days under the Gawler Bridge.

Several newer members attended a competent cavers course and have been attending regular FUSSI training days and caving trips.

Paul Harper

SAFETY REPORT

There have been no reports of accidents from within the club this year, which is a good sign that we are continuing to cave safely.

However near misses, or incidents should also be recorded so we can all learn from what happened in the individual circumstances leading to the incident.

I have copies of the ASF forms for these, and if people are significantly lost, major rock fall occurs, or other more dramatic incidents happen, could they please be reported to me so a record can be kept. This will assist us in warning others in the club of potential hazards if any exist in the caves we visit.

Incidents Reported for 1994

A boulder was dislodged from a section of breccia on a 35m vertical pitch toward a caver 15m below who was ascending the rope. The caver who dislodged the boulder called clearly to the caver below, who was able to swing out of the path of the rock, and avoid injury. The caving trip continued without further incident.

This incident reinforced the need for care on vertical pitches when people are below. *Standard calls* and *learnt procedures* for dealing with likely incidents, in this case, reduced the possibility of injury occurring from the event.

Caving Leadership Scheme

It has been in my role as the CEGSA representative on the Caving Leadership Standards working group that most time has been spent in 1994.

During 1994 rapid advances were made in the structure of the ASF Caving Leadership Scheme, in addition to the ongoing trials of the developing courses.

1994 marked the end of the two year trial which was set at the 1993 ASF Council meeting to implement a scheme suitable for the ASF. An extensive report was made to the 1995 January meeting at Hamilton, Victoria, outlining the Horizontal caving Leader Scheme of the ASF, a timetable for further development of the scheme, and an implementation program up till January 1998.

This was endorsed by the 1995 ASF Council, and now we are finally in the situation of being able to endorse our club leaders at these standards.

The Vertical Caving Leader level will not be released until July 1995, but until this time we can still assess our leaders using the strategies of, Self Assessment, Peer Review, and Peer Assessment, which has been outlined in the ASF document.

I will be asking for those who would like to be part of this process by March of 1995, and working closely with our Training Officer to assist people in this endorsement phase.

Peter Kraehenbuehl

1994 COMMITTEE

President	Mac Macdonald
Secretary	Chris Hales
Museum Representative	Neville Pledge
Committee Member	Paul Harper
Committee Member	Eddie Rubessa
Committee Member	Gary Woodcock
Committee Member	David McIntyre (resigned September)

EQUIPMENT OFFICERS REPORT

Since taking over as Quartermaster, I have endeavoured to locate all of the equipment listed in the 1993 Annual Report. This task has not been easy, but almost every thing has been located now. I still do not know the location of the following equipment; Geo-seismic Equipment, Harness Rings, Chains or a length of 6mm rope.

Some of the equipment is not stored at my residence. It is however stored at the residence of other members as follows;

Mark Sefton;	Cooke Troughton and Sims Theodolite 3m Levelling Staff and Bubble 2 Miners Dials Drag-mat Stretcher Digging Boat Carbide Sieve Water Levelling Tube >10m of 4 mm Wire Rope
Paul Harper;	3 Expedition First Aid Kits
Mac Macdonald;	new Miners Dial (slightly damaged)
Peter Kraehenbuehl;	Light Table Box
Graham Pilkington;	RFDS Radio (Codan)

It is important for me as Quartermaster to know the whereabouts of all our equipment, so I ask that if equipment not stored at my place changes hands, please inform me of its new location

With regards to the equipment, I have now rolled and stored the 16m (50') Bonwick ladders onto cable drums to keep them tidy and in good order. All equipment in my possession is now clean and I ask that when you use it that you return it to me in the same condition. I will not accept filthy ropes and ladders. Good caving in 1995.

Rob Dayman

EQUIPMENT LIST

(Located at Quartermasters residence)

Ropes	Static 11 mm x 20m (Bluewater)	2
	Static 11 mm x 50m (Bluewater II +)	1
	Dynamic 11 mm x 25m	2
	Dynamic 11 mm x 50m	2
Ladders	8m (24') CEGSA	10
	16m (50') Bonwick	3
	Spreaders (1 short, 2 long)	3
Tape	25mm x 3m orange tube	3
	25mm x 2m orange tube	1
	25mm x 5m yellow flat	1
	3m Chest harness c/w buckles	2
	3m Chest harness w/o buckles	2
Harness	Petzl Croll sit harness	1
	Petzl Super Avanti sit harness	1
	Chouinard adjustable sit harness	2
Helmets	Cassin 241 (3 small, 1 large)	4
	Construction type, clear	4
Karabiners	Stubai steel 'D'	3
	Cassin alloy 'D'	1
	Bluewater Alloy 'Small D' (c/w cowstails)	4
	Maillon Rapide 'Delta' (1 steel, 1 alloy)	2
Hardware	Jumars 79 Ascenders	1 pair
	Petzl Croll ascender	1
	Sticht Plate (1 x 9/11 mm, 1 x 11 mm)	2
	Harpoon 2 Descenders	1
	Pitons assorted sizes	5
	Rescue Pulley	1
	PVC Fixed Rope Protectors	3
	PVC Rope Bag	1
Survey	Fibreglass tape (1 x 30m , 1x 100m)	2
	Suunto PM-5 inclinometer (s/n 517 188)	1
	Miner's Dial	2
	Survey Compass 'Tracon S25' (s/n 117463)	1
	Tripods (1 x Wooden, 1 x aluminium)	1
	Plastic Survey Tape yellow	2 rolls

CAVING ACTIVITIES



ADELAIDE HILLS

Sellicks Hill Roadside cave 5A5 received a few visits during the year. There has not been much to report on other than some excavation work on a new feature located beside the road near 5A5. This work is continuing and currently has the cave at a total depth of 5 metres.

There were no trips to Sellicks Hill Quarry cave 5A20 this year (there were none last year or the year before either). There was however plenty of activity associated with the cave.

South Australian cavers became involved for the first time in a fairly intense campaign to publicise that there was a significant cave close to Adelaide, and that a quarry company and the Mines Department had misled cavers by planning to set off an extra large blast in an attempt to destroy the cave while at the same time pretending to negotiate a consultancy agreement with the cavers. Reluctantly the Government agreed to conduct an independent review. The review reported in favour of the cave. The Government entered the conspiracy by then adding some funny economics to the equation and ruled against the cave. The cavers went to the Heritage Authority who ruled in favour of the cave again. The very next day the Minister of the Environment overruled their ruling. The cavers took the Minister to court and the judge ruled the overruling was valid. Cavers began an appeal but later withdrew. The saga continues with a parliamentary Environment, Resources and Development Committee hearing set to take place early in the new year.

There was, and still is considerable misinformation in the community that the cave has been completely destroyed, that the assessors went into the cave during the review, that the cavers want to shut down the quarry, and that there are other "just as good" caves in the area; none of this is true.

The issue has been a difficult one for CEGSA - should we just forget it, and if so how can we ensure it won't happen again - or should we pursue the issue, get the cave investigated properly, press for legislation to protect significant sites, gain credibility and leverage to negotiate better with government and other organisations in the future - there are some who will fight on!

In all of this there has been enormous support, financial and otherwise from cavers and non-cavers from all over Australia - those people we thank. To Armstrong Osborne and Patrick Larkin who both came over to Adelaide (Patrick on several occasions) to help present our case - our thanks. Finally, to all CEGSA members for their support and tolerance throughout the year - thank you.

EYRE PENINSULA

No activity was reported to this area during the year. However this area deserves closer scrutiny.

FLINDERS RANGES

The Flinders ranges is always a receptive area for caving trips, with its natural attractiveness, it enhances the visitation to this arid karst region. A few trips were run to the southern Flinders Ranges. The re-installation of a new gate was carried out at Mount Sims cave and a new cave discovered within the Orparinna region. Narrina Lake cave remains closed until further notice. Reports of three more features in the Bunkers region from a colleague in the Flinders Ranges is yet to be confirmed.

KANGAROO ISLAND

Several visits were made to Kelly Hill Caves this year. Track marking has been carried out in some sections of the new extensions of the main Kelly Hill system, but further work remains to be done. As a result of the surveying work a bypass to the Back of Woop Woop was located, avoiding the need for a difficult crawl through a well decorated area. A survey closure of less than 15 cm in a loop of about 1 km of traverse was gratifying considering the number of short legs involved.

Although the rate of discovery has slowed, there are still a number of locations in the new system which deserve close attention. One further large breakdown chamber with a good display of decoration has been discovered in the south eastern corner of the new section, and several low passages with glutinous black mud are yet to be pushed. We are exploring everything else first and hoping for somebody really dedicated or really stupid to come along and see what's beyond the mud.

Some surface exploration has been undertaken in the vicinity of New Year's Day Cave, and a number of entrances relocated. The entrances have not been lost in the true sense, because their locations have been surveyed, but the dense surface bush changes quite quickly, making practical location an ongoing problem.

Familiarisation visits have also been made to the caves at West Bay Hollow and at the Ravine de Casoars. Photographs were taken of unusual stalagmite formations in a sea cave near Remarkable Rocks. The only theory advanced so far, and yet to be subjected to scientific scrutiny, for the generation of irregular smooth surfaced cellular nodules on these stalagmites is that there may be some organic agent at work in their formation, such as is the case with stromatolites.

Further visits to Kangaroo Island caves are planned for 1995.

LOWER SOUTH EAST

Despite the paucity of caving activity from CEGSA the exploration and documentation of caves in the Lower south East continued. SAUSS held their AGM in the South East and visited several caves as part of the activity. Several CEGSA members travelled down to assist in the clean up of L222 as part of Clean up Australia Day. There is still a lot of small rubbish in the cave but in excess of ten tonne of discarded ironmongery was removed to the council dump. A commendable effort was made by those who attended and it is hoped the work will not stop there.

Numerous trips to the Monbulla system continued with the mapping program of the cave. The western wall has now been joined although some minor touch up surveying is still required. There now only remains about 200m² of cave to survey, providing no-one finds any more extensions. Some areas of the cave still require some detail surveys as early efforts concentrated on defining the limits of the cave. Surveys of L6, L324, L326 and L332 were also done. Levelling of various caves to determine their height above sea level continued subject to the availability of helpers.

A major rescue of lost cavers occurred during the year. A party of four people was reported overdue from a caving trip. No precise information as to their location could be obtained. A full call out was implemented and a search of the most probable area commenced. As luck would have it a friend of the missing party was able to direct a rescue party to the vehicle of the missing party. Having located the vehicle the missing party was then located reasonably quickly. The four were trapped 15m below ground when their equipment failed while exiting the cave; leaving them trapped. One of the party sustained back injuries and required assistance to get out of the cave. The entire party was eventually extricated from the cave and the injured person was transferred to hospital for treatment. The caving incident call out procedure worked extremely well with only a few minor modifications being required. Emergency services and caving personnel worked together very well and the entire operation was completed in 7 hours.

During the year new cave numbers allocated were L323 - L332.

MURRAY PLAINS

A few trips to this area have been reported with the majority being to Punyelroo cave.

NULLARBOR PLAINS

Some underwater survey was completed by the group in Tommy Grahams Cave (6N56) during October 1993.

This passage, *The Amazing Phreatic Bypass* was not shown on the current maps, but jumpline markers at each end of it on the main fixed line, indicates it was explored by experienced divers. Enquires about the history of the exploration, and whether another map exists, through the Cave Divers Association of Australia, haven't yielded any further information.

There are much more survey upgrades needed for the underwater sections of the caves on the Nullarbor. Although the current maps, have held up well with time for exploration, they are difficult to tie in additional surveys to, as they were surveyed as quick exploration type maps, with few recoverable survey points.

The emergence of more fixed lines, with distance markers, in the main traverses of many of the flooded Nullarbor caves, can be used as recoverable datum points, and this should help make future surveys less arduous.

There are now 1638 karst features in our Nullarbor Records. 1278 have been allocated N numbers while the other 360 need clarification prior to numbering (these are on the 'NX' list).

These features are spread over 20 1:250000 and 73 1:100000 map sheet areas. The 100000 sheets with more than 50 features on them are:

127	Madura Pass	MADURA
127	Yalganimirra	EUCLA
99	Taunted	EUCLA
87	Caiguna	CULVER
83	Burnabbie	BURNABBIE
79	Nullarbor	NULLARBOR
77	Coompana	COOMPANA
75	Cardanumbi	CULVER
74	Eucla	EUCLA
68	Kuthala Pass	EUCLA
64	Wilson	COOMPANA

The features are catalogued as follows:

Blowholes	503
Caves	370
Dolines	352
Rockholes	340
(other)	59

Tags are now being used to mark Nullarbor features. 237 so far. As tags become more widespread, feature identification should be much easier. It might reduce cataloguing errors too!

UPPER SOUTH EAST

The Upper South East was quiet this year with few trips being programmed to the area. Ron Simms led the rush with a trip to further study the habits of cave crickets in April. Also in April Fred Aslin and Kevin Mott located some caves in the Coonalpyn and Marcollat areas while returning from Adelaide. The height above sea level of U33 and U151 was determined by levelling.

April also saw the celebration of 100 years since Victoria Fossil Cave was opened for tourism and the opening by the Minister for Environment and Natural Resources of the self guided tours in Wet Cave. Wet Cave? Yes for those who missed it Tomato Stick Cave has been named by the Geographical Names Board as Wet Cave with the eastern entrance known as Stick Entrance and the western entrance known as Tomato Entrance. This ends years of controversy between locals and cavers over the name. It also highlights the folly of indiscriminate naming without thorough research and poor record keeping.

The social highlight of the year was the tying of the nuptial knot by Janine and Peter in Blanche Cave in July. The only thing missing was the bride and groom abseiling in, completely kitted up in diving gear.

A trip late in the year saw some CEGSA members acting as guides/caving leaders for a church youth group. Caves visited were Cave Park, Beekeepers, S102 and the recently mapped section of VDC Cave.

Surface mapping to upgrade the reserve map was done during the year. New master sheet location maps for Lost Cave, Blackberry Cave, VDC Cave and Cave Park Cave were produced. New cave numbers allocated during the year were U151 and U152.

Survey work continued in Blackberry cave with Steve Milner coordinating 5 trips this year. He has extended the high quality survey to 2100m into the cave with plenty more left to do. A photo-monitoring trip in Blackberry cave was also undertaken some three and a half years after the originals were taken. The cave hasn't changed at all.

YORKE PENINSULA

There were 27 trips to Corra Lynn Cave during the year, some of which occurred on the same day(s) by different groups. The split was as follows:

Scouts	10	
CEGSA	9	
FUSS	3	
CAVEX	2	
joint S & R	1	
RA Army	1	(on a weekday)
School	1	(weekdays)

The new toilet and water point were not installed. A multi-organisation trip organised to do this fell through when 20 cavers dwindled to 2 by the day of the trip. If users want a toilet, they will need to help me put it up!

Town Well Cave received a few one-day visits.

INTERSTATE

During the year several forays into the Glenelg River area were made record features reported. Several sinkholes in an area off the Sinkholes Track were documented early in the year while conditions were dry. Life was made easier when the ranger gave us permission to take a vehicle further than is normally permitted. Some survey and levelling was done in the G48 area to tidy up some outstanding work to enable the results to be submitted to VSA.

OVERSEAS

All the overseas caving expeditions from Australia seem to be run by Western Australian's these days. Mark Sefton took part in an expedition to central Java in July 1994 run by Ann-Marie Meredith of WASG, and also attended by cavers from HCG and MUCG.

The group first explored a 4 km stream cave, Umbul Tuk, featuring some splendid and massive decoration, three entrances and a sporting 170m long duck with 10-20 cm of air space.

The expedition then moved west, to an area close to the small town of Watulimo where numerous small caves were explored and mapped. Most are river caves which terminate at sumps. The longest of these were Gua Suivpan (2 km) and a tourist cave Gua Lowa (1 km) which appear to be separated from each other by a short sump only. A few vertical entrances in the area were also explored. Two of these, Stew Pot and Birthday Pot both finished at impenetrable, but drafting squeezes at -50 m and -100 m respectively. Many other vertical entrances in the area remain unexplored, and many numerous sumps await diving.

Meanwhile, our itinerant ex-Records Officer, Stan Flavel, who is in exile in Fiji, reports that exploration of the complex Wailotua cave system is progressing. We look forward to further updates.

FINANCIAL STATEMENTS



INCOME and EXPENDITURE STATEMENT

CAVE EXPLORATION GROUP (SA) Inc.
for the period ending 2nd December 1994.

	<u>1994</u>	<u>1993</u>
<u>INCOME</u>		
Full Membership (inc. ASF Levy)	1257.00	1085.00
Full Membership (excl. ASF Levy)	54.00	50.00
Full Membership (Country)	124.00	210.50
Associate Membership	349.00	200.00
Long Term Associate Membership	30.00	33.00
ASF Levies for Life Members	32.00	31.50
Family Membership	55.00	355.00
	<u>1901.00</u>	<u>1965.00</u>
Equipment and Key Hire	335.00	156.00
Donations	4.00	0.00
Sale of Publications/ Badges and stickers	0.00	330.45
Bank Interest - General Account	44.87	27.31
Bank Interest - SA Bonds	0.00	801.64
General Meeting Room/Tea/Biscuit donations	0.00	191.22
Cave Levy - Corra Lynn	0.00	124.00
Cave Levy - Mairs	0.00	70.00
Transfer from Capital Account	13,260.87	0.00
Sundry	0.00	196.20
	<u><u>\$15,545.74</u></u>	<u><u>\$3,861.82</u></u>
TOTAL INCOME		
<u>EXPENDITURE</u>		
Newsletter	972.97	867.53
ASF Membership Levy	352.50	322.00
Australia Post Box rental	75.00	70.00
Postage	154.25	84.04
Stationery	76.30	15.80
Telephone Directory Listing	16.75	63.00
Quartermaster - Caving Equipment	138.74	0.00
Quartermaster - Locks & keys	29.50	44.15
Gating	0.00	418.90
Library Book purchases	163.00	134.00
Subscriptions - Helictite	20.00	20.00
Subscriptions - ACKMA (Biennial)	0.00	60.00
SA Speleological Council	50.00	50.00
Sellicks Hill cave (5A20) Fighting Fund	10,000.00	0.00
Govt. Debits Tax	13.10	14.95
FID - General Account	10.23	4.02
FID - Capital Account	0.00	1.44
Sundry	414.02	136.00
	<u><u>\$12,486.36</u></u>	<u><u>\$2,305.83</u></u>
TOTAL EXPENDITURE		
** SURPLUS / (DEFICIT)	<u><u>\$3,059.38</u></u>	<u><u>\$1,555.99</u></u>

** Refer Treasurers Statement

PERIODIC EXPENDITURE STATEMENT

for year ending 31st December 1994

In accordance with clause 9(f) of the Constitution the following items are listed as the periodic expenditure of the association:

ANNUAL ITEMS

Telecom - White Pages	63.00
SA Speleo Council Membership	50.00
Helictite Subscription	20.00
Australia Post - Box rental	75.00
Transport and Communications - Radio License	18.00
	226.00

BIENNIAL ITEMS

Australasian Cave & Karst Management - Membership	60.00
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TOTAL		\$286.00
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SALEABLE ITEMS**STOCK ON HAND**

as at 31st December 1994 (at committee valuation)

BADGES

Enamel	46	at	\$5.00	ea	230.00
Cloth	45	at	\$4.00	ea	180.00
					410.00

STICKERS

Sheets	123	at	\$3.50	ea	430.50
Single Large	31	at	\$1.50	ea	46.50
Single Medium	28	at	\$0.50	ea	14.00
Single Small	20	at	\$0.25	ea	5.00
					496.00

LIBRARY

Occasional Paper No. 4	43	at	\$6.00	ea	258.00
Occasional Paper No. 5	31	at	\$6.00	ea	186.00
Occasional Paper No. 6	44	at	\$8.00	ea	352.00
Speleovision (14th ASF Conference proceedings)	27	at	\$10.00	ea	270.00
					1066.00

TOTAL		\$1972.00
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BALANCE SHEET
CAVE EXPLORATION GROUP (SA) Inc.
as at 2nd December 1994.

<u>ASSETS</u>	<u>1994</u>	<u>1993</u>
<u>CURRENT</u>		
Cash at Bank - General account	4,792.24	1,380.36
Cash at Bank - Capital account	0.00	13,081.55
Cash On Hand - {Petty Cash}	0.00	0.00
TOTAL	<u><u>\$4,792.24</u></u>	<u><u>\$14,461.91</u></u>
<u>LIABILITIES</u>		
<u>CURRENT</u>		
Creditors	352.50	0.00
Surplus / (Deficit) from years activity	3,059.38	
ACCUMULATED MEMBERSHIP FUND	1,380.36	14,461.91
TOTAL	<u><u>\$4,792.24</u></u>	<u><u>\$14,461.91</u></u>

TREASURERS' STATEMENT

The above Income and Expenditure statement, Balance Sheet and other statements is a good record of the activities of CEGSA for the period ending 2nd December 1994.

The committee has the power to spend not more than \$75.00 on any one item and no more than \$200.00 in any one month, without the prior approval of the general meeting. (refer clause 9(d) of the Constitution).

The balance of the capital account (SA Bonds) was transferred into the General account as at 11th April, 1994 at the direction of the general meeting.

The balance of the account at that time was \$13,260.87. The surplus of \$3,059.38 for this year reflects \$3,260.87 of this therefore resulting in an overall deficit(loss) of \$201.49 for the 1994 operational year.

Since the closing of the books an amount of \$3,800 has been received from the Sellicks Hill Fighting fund.

The 1995 subscriptions were due on the 1st January. Please pay them as soon as possible.

David Wright

1995 MEMBERSHIP FEES

(Inclusive of ASF Membership \$8.00 and Insurance Levy \$7.00)

Full	\$42.00
Country Full	\$37.00
Associate (No ASF M/ship)	\$27.00
Long Term Associate	\$37.00

AUDITOR'S REPORT

To the Members of the Cave Exploration Group (SA) Incorporated

I have audited the Income and Expenditure Statement and Balance Sheet, on a Cash Basis in accordance with Australian Auditing Standards.

In my opinion, the financial statements present fairly the financial position of the Cave Exploration Group (SA) Inc. at 2nd December 1994 and the results of its operations for the year ended in accordance with the Australian Accounting Standards and comply with the Associations Incorporation's Act. 1985.



A. G. Jevons (A.N.I.A.)
Honorary Auditor

27th January 1995

MEMBERSHIP

and

MAILING LIST



MEMBERSHIP LIST 1994

CL	ASLIN Fred 29 Elizabeth St, MOUNT GAMBIER, SA 5290	6401	(H) 087-25-1233	(W)
CL	BAKER Harry 25 Handyside St, NARACORTE, SA 5271	6901	(H) 087-62-1369	(W)
F	BAKKER Joyce 4 St Annes Flats, 40 Choppin Road, SOMERTON PARK, SA 5044	5801	(H)	(W)
A	BETTISON Genelle 8 Kooline Crescent, GILLES PLAINS, SA 5086	9411	(H) 261-6290	(W)
A	BINKS Bill 29 Hyland Terrace, ROSSLYN PARK, SA 5072	9412	(H) 31-4490	(W)
F	BUSWELL Clare PO Box 131, NAIRNE, SA 5252	9002	(H) 388-9516	(W) 201-2614
A	BYFIELD Jim 6 Alexander Avenue, MODBURY NORTH, SA 5092	9306	(H) 264-5648	(W) 263-0088
F	CHARLESWORTH Ian 25 Burnside Road, STRATHALBYN, SA 5255	9008	(H) 085-36-3816	(W)
F	CHARLESWORTH Suzanne 25 Burnside Road, STRATHALBYN, SA 5255	9207	(H) 085-36-3816	(W)
A	CHOI Marie 75 Capella Drive, HALLETT COVE, SA 5158	9408	(H) 322-0895	(W) 326-1777
A	COLHOUN Tracy 4 Nardoo Street, HALLETT COVE, SA 5158	9309	(H) 387-1816	(W)
F	DAYMAN Rob Unit 4, 372 Fullarton Road, FULLARTON, SA 5063	8402	(H) 379-6281	(W)
A	DENNIS David 53 Hopner Avenue, BURTON, SA 5110	8817	(H) 280-8691	(W) 213-9801
F	DOBSON-KEEFFE Nigel 10 Pope Street, NEWTON, SA 5074	8821	(H) 336-5895	(W) 282-8501
A	EARL Wendy PO Box 645, BRIGHTON, SA 5048	9407	(H) 242-0066	(W) 326-1777
A	EGEL Dave 53 Elizabeth Road, CHRISTIE DOWNS, SA 5164	9418	(H) 326-2697	(W)
A	ELSBY Graeme PO Box 183, CAMPBELLTOWN, SA 5974	9302	(H)	(W) 337-3505
A	FIDDYMENT Chris 12 Mockridge Court, PARALOWIE, SA 5108	9415	(H) 281-8173	(W) 259-5273

L	GARTRELL Grant PO Box 27, MOUNT COMPASS, SA 5210	6301	(H) 298-2203 or 085-56-9100	(W) 259-2200
A	GIBBONS Ray 9 Cuthbert Avenue, SALISBURY EAST, SA 5109	9403	(H) 258-9847	(W) 258-9847
A	GIBBONS Terry 9 Cuthbert Avenue, SALISBURY EAST, SA 5109	9406	(H) 258-9847	(W)
F	GIRDLER Pete PO Box 290, GOLDEN GROVE, SA 5125	9303	(H) 380-5205	(W) 259-5497
A	GLASBY Peter Simms Road, MT BARKER, SA 5251	9402	(H) 391-2410	(W) 391-0411
A	GLEESON John 1 Margaret Avenue, WEST CROYDON, SA 5008	9212	(H) 340-1751	(W)
F	GOLLEDGE Brent PO Box 252, MURRAY BRIDGE, SA 5253	8606	(H) 085-69-7279	(W) 085-69-7279
CF	GRIMES Janeen PO Box 362, HAMILTON, Vic 3300	9107	(H) 055-74-8225	(W)
CF	GRIMES Ken PO Box 362, HAMILTON, Vic 3300	9106	(H) 055-74-8225	(W) 055-73-4503
F	HALES Chris 4 Barossa Court	8403	(H) 085-24-4796 PO Box 440, LYNDOK, SA 5351	(W)
CF	HALL Max c/o Balladonia Roadhouse, Eyre Highway, via NORSEMAN, WA 6443	9108	(H) 090-39-3426	(W) 090-39-3453
CL	HAMILTON-SMITH Elery PO Box 36, CARLTON SOUTH, Vic 3053	5506	(H)	(W) 03-489-7785
A	HANKINSON Frank 7 St Helens Court, WOODCROFT, SA 5162	9404	(H) 322-4300	(W) 277-1711
F	HARPER Paul Flat 2 / 55 Ashley Street, TORRENSVILLE, SA 5031	8802	(H) 354-0950	(W)
A	HAWKES Simon 3 Karoonda Road, BOWHILL, SA 5238	9405	(H) 085-70-4208	(W)
F	HOEY Lance 16 Tarana Road, HOPE VALLEY, SA 5090	8711	(H) 265-1907	(W)
L	HORNE Peter 3 / 9 Muriel Avenue, SOMERTON PARK, SA 5044	8102	(H) 295-6031	(W)
A	HUBYCZ Anne-Marie 9 Nepal Street, HILLCREST, SA 5086	9419	(H) 266-0512	(W)
L	JACKSON Athol 6 Hudson Avenue, ROSTREVOR, SA 5073	5701	(H) 337-8759	(W)

A	JACKSON Jack 26 Barbara Avenue, MORPHETT VALE, SA 5162	9409	(H) 326-0971	(W) 326-1777
F	JANSEN Bart PO Box 174, KANGARILLA, SA 5157	8806	(H) 383-7111	(W) 275-7382
LTA	JERMAN Lester 5 Hakea Court, BRIDGEWATER, SA 5155	8904	(H) 339-5379	(W)
F	JEVONS Alan 18 Exhibition Drive, MODBURY NORTH, SA 5092	8602	(H) 265-4801	(W) 224-7383
F	KENDRICK Simon 13 Grant Avenue, GILLES PLAINS, SA 5086	8611	(H) 261-6891	(W) 223-5544
A	KNIGHT Troy 162 Elizabeth Road, MORPHETT VALE, SA 5162	9417	(H) 384-1433	(W)
F	KRAEHENBUEHL Janine Western Lodge, Belair National Park, c/o PO BELAIR, SA 5052	9301	(H) 278-4531	(W) 278-5477
F	KRAEHENBUEHL Peter Western Lodge, Belair National Park, c/o PO BELAIR, SA 5052	8407	(H) 278-4531	(W) 264-1955
A	LANE Fiona 22 Berri Road, HOPE VALLEY, SA 5090	9410	(H) 264-9582	(W) 369-0675
F	LAWRENCE Ruth 20 Olive Street, STEPNEY, SA 5069	9208	(H) 362-0769	(W) 228-5649
CL	LEWIS Ian 99 Jubilee Hwy, MOUNT GAMBIER, SA 5290	6701	(H)	(W)
F	LOWE Dave 172 Seacombe Road, SEAVIEW DOWNS, SA 5049	9413	(H) 377-0884	(W) 377-0884
F	MacDONALD Mac 127 Seventh Avenue, JOSLIN, SA 5070	6801	(H) 362-3911	(W) 362-3911
fa	MacDONALD Christopher			
fa	MacDONALD Julie			
fa	MacDONALD Tristan			
F	MacLUCAS George 11 Gulfview Parade, VALLEY VIEW, SA 5093	8004	(H) 261-4180	(W)
F	MacLUCAS June 11 Gulfview Parade, VALLEY VIEW, SA 5093	9209	(H) 261-4180	(W)
F	McCORMICK Sue 16 Brightview Ave, BLACKWOOD, SA 5051	9104	(H) 370-3507	(W)
F	McINTYRE David 25 Glyde Street, ALBERT PARK, SA 5014	8804	(H) 268-2816	(W)

F	McRAE Colin 3 Kerrin Avenue, MORPHETT VALE, SA 5162	8002	(H) 382-7905	(W)
A	McRAE Stephen 3 Kerrin Avenue, MORPHETT VALE, SA 5162	9414	(H) 382-7905	(W)
F	MEIKLE John 6 Hillview Road, BRIDGEWATER, SA 5155	8905	(H) 339-3373	(W) 085-32-1166
CF	METH Max 1 Morrison Avenue	7101 PO Box 622, CEDUNA, SA 5690	(H) 086-25-2700	(W)
F	MILNER Steve 18 Jellicoe Street, BROADVIEW, SA 5083	9004	(H) 344-3467	(W) 303-8857
CL	MOLLET Noel Woods Well Road Culburra PO BOX 1008, TINTINARA, SA 5266	5514	(H) 085-75-8030	(W)
CL	MOTT Kevin 18 Reginald Street, MOUNT GAMBIER, SA 5290	7401	(H) 087-23-1461	(W) 087-35-1660
F	NATHAN Graham 21 Wolseley Road, BLACKWOOD, SA 5051	9205	(H) 278-5860	(W) 303-5822
F	NINNES Gordon 8 Sampson Road, MITCHELL PARK, SA 5043	7102	(H) 374-3552	(W)
A	NINNES Ian 7 St Georges Avenue, GLANDORE, SA 5037	9401	(H) 297-8202	(W)
F	PACKER Jaz PO Box 885, KATHERINE, NT 0851	9213	(H) 089-73-9211 x 31318	(W) 089-73-8600
L	PILKINGTON Graham 66 Eyre Crescent, VALLEY VIEW, SA 5093	7201	(H) 396-3044	(W) 396-3044
fa	PILKINGTON Ann	7202		
fa	PILKINGTON Charni			
fa	PILKINGTON Rodger			
fa	PILKINGTON Siona			
F	PLEDGE Neville c/o SA MUSEUM North Terrace, ADELAIDE, SA 5000	6302	(H) 272-5483	(W) 207-7454
F	RAINTREE Fern PO Box 770, NAIRNE, SA 5252	8708	(H) 388-6441	(W) 371-1688
F	REARDON Terry c/o PO CUDLEE CREEK, SA 5232	7605	(H) 389-2358	(W) 207-7460
F	RIVETT Brian 35 Hambridge Road, DAVRON PARK, SA 5113	7002	(H) 255-3525	(W)
F	RUBESSA Eddie 9 Shepherds Lane, CAMPBELLTOWN, SA 5074	8810	(H) 336-4775	(W) 341-1595

L	SANDERS Fred 8 Wattlebury Crescent, LOWER MITCHAM, SA 5062	5501	(H) 276-3839	(W)
F	SEFTON Mark 36 Norman Street, ST MARYS, SA 5042	8709	(H) 277-9086	(W) 379-1111
fa	SEFTON Karin	8710		
fa	SEFTON Murray			
L	SEXTON Bob 22 Tyne Street, GILBERTON, SA 5081	5518	(H)	(W) 269-8911
F	SIMMS Ron 29 Kentdale Street, GRANGE, SA 5022	5802	(H) 356-5366	(W)
F	TEAGLE Paul 66 Victoria Street, PROSPECT, SA 5082	8505	(H) 269-2536	(W) 231-5322
F	THISELTON Mark 62 Penang Avenue, COLONEL LIGHT GARDENS, SA 5041	8801	(H) 374-2592	(W) 292-1846
A	THORP John 5 Wayne Court, HACKHAM WEST, SA 5163	9416	(H) 326-1530	(W)
F	TREHEARNE David 10 LaJolla Avenue, FULHAM, SA 5024	8604	(H) 356 3992	(W)
F	TRENORDEN Nicki PO Box 173, SUMMERTOWN, SA 5141	9203	(H) 390-1730	(W) 264-4166
CF	WILKINSON Bridget 13 Walker Street, MILLICENT, SA 5280	8205	(H) 087-33-3862	(W)
F	WOODCOCK Gary unit 1 / 26 MacDonnell Street, HIGHBURY, SA 5089	8109	(H) 263-5826	(W) 226-4296
F	WOODWARD Graham 27 Harrow Avenue, MAGILL, SA 5072	8105	(H) 337-5200	(W)
F	WOODWARD Michael 27 Harrow Avenue, MAGILL, SA 5072	8106	(H) 337-5200	(W)
F	WRIGHT David 31 Teusner Drive, MORPHETT VALE, SA 5162	6501	(H) 382-7481	(W) 296-8444

MAILING LIST 1994

- E ADELAIDE BUSHWALKERS
PO Box 178, UNLEY, SA 5061
- E AXBRIDGE CAVING GROUP
42 Maynard Terrace, CLUTTON, AVON BS18 4PW
- E BLUE MOUNTAINS SPELEOLOGICAL CLUB
PO Box 37, GLENBROOK, NSW 2773
- E BRITISH CAVE RESEARCH ASSOCIATION Ray Mansfield
Current Titles in Speleology, Downhead Cottage, Downhead
SHEPTON MALLET, SOMERSET BA4 4LG ENGLAND
- E CANBERRA SPELEOLOGICAL SOCIETY
18 Arabana Street, ARANDA, ACT 2614
- E CAVE DIVERS ASSOCIATION OF AUSTRALIA
PO Box 290, NORTH ADELAIDE, SA 5006
- E CAVE RESEARCH ASSOCIATION
3842 Brookvale Boulevard, Castro Valley California, USA 94564
- E CAVE RESEARCH ORGANISATION SOUTH AFRICA
PO Box 7322, Johannesburg, SOUTH AFRICA 2000
- E CAVEX Inc. (H) 298-8540 (W) 376-0822
c/o 15 Sandery Avenue, SEACOMBE GARDENS, SA 5047
- E CENTRAL QUEENSLAND SPELEOLOGICAL SOCIETY
PO Box 538, ROCKHAMPTON, Qld 4700
- E CENTRAL WEST CAVING GROUP
c/o Peter Dykes 51 McLachlan Street, ORANGE, NSW 2800
- E CHILLAGOE CAVING CLUB
PO Box 92, CAIRNS, Qld 4870
- E ENDEAVOUR SPELEOLOGICAL ASSOCIATION
PO Box 63, MIRANDA, NSW 2228
- E FIELD NATURALISTS SOCIETY OF SA
GPO Box M1594, ADELAIDE, SA 5001
- E FLINDERS UNIVERSITY SPELEOLOGICAL SOCIETY
Clubs & Societies, Flinders Uni., BEDFORD PARK, SA 5042
- E FORSCHUNGSGRUPPE HOHLE UND KARST FRANKEN
c/o Gunter Schneider, RIETERSTPASSE 69, W - 8508 WENDELSTEIN GERMANY
- E HIGHLAND CAVING GROUP
PO Box 154, LIVERPOOL, NSW 2170
- E HILLS SPELEOLOGY CLUB LTD
PO Box 750, CASTLE HILL, NSW 2154

- E KEMPSEY SPELEOLOGICAL SOCIETY
1645 Hickeys Creek Road, WILLAWARRIN via KEMPSEY, NSW 2440
- E MACQUARIE UNIVERSITY CAVING GROUP
c/o Sports Association Macquarie Uni., NORTH RYDE, NSW 2113
- E METROPOLITAN SPELEOLOGICAL SOCIETY
PO Box 2376, NORTH PARRAMATTA, NSW 2151
- E MOLE CREEK CAVING CLUB (H) 002-39-1506
c/o PO, MOLE CREEK, Tas 7304
- E NATIONAL ASSOCIATION for CAVE DIVING
PO Box 14492, GAINESVILLE FLORIDA 32604, USA
- E NATIONAL SPELEOLOGICAL SOCIETY
Cave Avenue, HUNTSVILLE ALABAMA 35810, USA
- E NATIONAL UNIVERSITY CAVING CLUB
Australian National University GPO Box 4, CANBERRA, ACT 2601
- E SAVAGE RIVER CAVING CLUB
PO Box 1114, BURNIE, Tas 7320
- E SOUTHERN CAVING SOCIETY
PO Box 121, MOONAH, Tas 7009
- E SPELEOLOGIA EMILIANA
Piazza VII Novembre 1944 Casserodi Ports Lame, BOLOGNA 40100, ITALY
- E SPELEOLOGICAL RESEARCH GROUP WA
PO Box 120, NEDLANDS, WA 6009
- E SWINBURNE EXPLORERS CLUB
c/o Students Union John Street, HAWTHORN, Vic 3122
- E SWISS SPELEOLOGICAL SOCIETY - Library
Centre de documentation de l'UIS, Bibliotheque de la ville,
CH-2300 La Chaux-de-Fonds, SWITZERLAND
- E SYDNEY SPELEOLOGICAL SOCIETY
PO Box 198, BROADWAY, NSW 2007
- E SYDNEY UNIVERSITY SPELEOLOGICAL SOCIETY
Box 35 The Union, SYDNEY UNIVERSITY, NSW 2006
- E TASMANIAN CAVERNEERING CLUB
GPO Box 416, SANDY BAY, Tas 7005
- E UNION INTERNATIONALE DE SPELEOLOGIE
c/o Univ Prof Dr Hurbert TRIMMEL, Draschestrasse 77 A-1232
Wein, AUSTRIA, EUROPE
- E UNIVERSITY OF NSW SPELEOLOGICAL SOCIETY
Box 17 The Union, Uni of NSW, KENSINGTON, NSW 2033

- E VICTORIAN SPELEOLOGICAL ASSOCIATION
GPO Box 5425CC, MELBOURNE, Vic 3001
- E WESTERN AUSTRALIA SPELEOLOGICAL GROUP
PO Box 67, NEDLANDS, WA 6009
- G A.S.F. LIBRARY Cathy BROWN (H) 06-288-2819
13 McDonald Street, CHIFLEY, ACT 2606
- G A.S.F. PRESIDENT (H) 03-890-8319
Miles Pierce, 42 Victoria Cres, MONT ALBERT, Vic 3127
- G BAKKER
Dept Environment & Land Management, PMB 43, MENINGIE, SA 5264
- G Dept of Environment and Land Management
GPO Box 1782, ADELAIDE, SA 5001
- G Kelly Hill Caves Conservation Park
PMB 38 RRS, via KINGSCOTE Kangaroo Island, SA 5223
- G Naracoorte Caves Conservation Park
PO Box 134, NARACOORTE, SA 5271
- G NATIONAL LIBRARY of AUSTRALIA (W) 02-62-1111
Preliminary Processing ref: A 6584, CANBERRA, ACT 2600
- G OFFICER-IN-CHARGE, Attn Sgt Alex Stevens
Emergency Operations Gp, Police Barracks, THEBARTON, SA 5031
- G SLATER David
PO Box 71, STANSBURY, SA 5582
- G South Australian MUSEUM
North Terrace, ADELAIDE, SA 5000
- G Sth Aust STATE LIBRARY, Sth Aust Collections
GPO Box 419, ADELAIDE, SA 5001
- G Tantanoola Caves Conservation Park
TANTANOOLA, SA 5280
- S DELM Far West District Office (W) 086-25-3144
PO Box 569, CEDUNA, SA 5690

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