

CAVE EXPLORATION GROUP SOUTH AUSTRALIA Inc.

PO Box 144 Rundle Mall, Adelaide, 5000



ANNUAL REPORT

1996

Forty First Annual Report

Presented to the Annual General Meeting
on Saturday 8th February 1997
at the Maylands Hotel, 67 Phillis St, Maylands.

CAVE EXPLORATION GROUP SOUTH AUSTRALIA Inc.

PO Box 144 Rundle Mall, Adelaide, 5000

PRESENTS THE 1996 ANNUAL REPORT



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REPORTS



1996 COMMITTEE

President	Janine Kraehenbuehl
Secretary / Keyholder	Simon Kendrick
Treasurer	June MacLucas
Trip Coordinator	Fern Raintree
Publications	Athol Jackson
Training	Marie Choi
Visitor Liaison	Frank Hankinson

1996 OFFICE BEARERS

Land Owner Liaison	Gary Woodcock
Safety	Peter Kraehenbuehl
Librarian and Records	George MacLucas
Quartermaster	Paul Harper
Special Projects Coordinator	Ray Gibbons
Public Officer and Membership	Graham Pilkington
Museum Representative	Neville Pledge

1996 REPRESENTATIVES

Australian Speleological Federation	Kevin Mott
	Alan Jevons
S.A. Speleological Council	Graham Pilkington
	Athol Jackson
Caving Leadership Standards Working Group	Peter Kraehenbuehl
	Marie Choi

PRESIDENT'S REPORT

The way I see things, 1996 could be considered a consolidating year for CEGSA, although there were a few minor changes such as the birth of a new life member (Congratulations Max), and the first editions of the CEGSA News. Caving trips as you will see from the area reports have been regular and it was encouraging to see an increase in the number of members willing to lead trips for the club. It was also good to see so many associate members transfer to full members in 1996, and members undertake the horizontal leadership training courses throughout the year.

Although caving activities have been numerous, attendance at general business meetings was generally below average throughout the year and in some instances a quorum was not present. This situation caused the committee concern, and consequently 1997 may see some entertainment or training on these nights to overcome this problem (is this what is meant by dangling a carrot). However, I do encourage members to come along to business meetings and help to make them entertaining and interesting. (Why complain about issues to only a few, let us all in on what's vexing you or how you think things could be done better).

The committee developed duty statements for all office bearer and committee positions in 1996. The aims of these are to provide continuity between committees and assist in-coming office bearers to better understand their role and responsibilities. Incoming members will be able to judge the effectiveness of these in year's to come. However my thanks goes to all committee members and office bearers who assisted in developing these, and for their untiring work throughout the year.

An alteration to the CEGSA rules saw the creation of a new trip logbook, which will help to protect the club and members better in the unlikely case of a liability claim. The logbook was also developed to help streamline the trip coordinator's role and provide the club with a better way of documenting its yearly activities. Area Reports for this and future annual reports has now become a lot simpler.

Some members may see that in developing the log book system and creating duty statements that the club is becoming more bureaucratic, however it is one of CEGSA's charters to document caves and maintain records. To do this effectively it is imperative that we, as a club, take greater responsibility for logging and recording our caving trips - just as CEGSA did 10 - 20 years ago.

In typical CEGSA spirit, several scientific and survey projects were ongoing throughout 1996. Special thanks goes to the coordinators of these for involving, guiding and teaching other members and for their good liaison with land owners and managers. I must also extend my congratulations to all other members who were involved in negotiations, liaison or discussion with land owners and managers in 1996 as it sailed by so uneventfully in this area. Let's keep up the good efforts all round - and see you all at the 21st ASF Conference at Quorn.

1996 AWARDS

Spirit of Caving	David Glowacki
Rivett's Reward	Max Meth
Leather Medal - Miniopterus Class	Marie Choi
Mundrabilla Marble	Frank Hankinson

Janine Kraehenbuehl.

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SECRETARY REPORT

Nil report.

MUSEUM REPRESENTATIVE REPORT

There were three events of note during 1996.

In April, after much urging by me and my colleague Jim McNamara, Mark Sefton was able to return to SOS Cave, near Naracoorte, to collect more bones near the site of the kangaroo skull found a few years ago, which had been named *Congruus congruus*, a new genus and species. More bones would possibly help determine the relationships of this species to other kangaroos. In the event, we were unlucky, for the bones that Mark was able to recover proved to be a partial skeleton of a thylacine or Tasmanian wolf, *Thylacinus cynocephalus*. This was still exciting, for previously we only had isolated bones of this animal.

In May, June MacLucas returned from the Nullarbor with photographs she had taken far inside Mullamullang Cave. These were of numerous trackways of small footprints of a small mammal, obviously living in the cave and successfully hunting insects and spiders. One person is believed to have actually seen this animal before the tracks were found, but he was disbelieved. We have tried to identify the footprints, and think the culprit was probably a mouse or small rat, although it could have been a small dasyurid marsupial.

In December, Marie Choi and Damian Grindley brought in a collection of bones they had salvaged in gaining entrance to a small new cave (now 5L365) near Wandillo. Initial identification indicates that these were from several different kangaroos – *Macropus giganteus*, *Sthenurus gilli*, *Simosthenurus brownei*, a koala *Phascolarctos cinereus*, and what appears to be a juvenile *Zygomaturus*. While the fossils themselves are important, they have greater significance in that they seem to be covered by or embedded in flowstone, which could enable them to be dated radiometrically. Meanwhile, until that can be organised, the cave entrance has been sealed to prevent accidental or unauthorised visitors from damaging the site.

Neville Pledge.

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SOUTH AUSTRALIAN SPELEOLOGICAL COUNCIL REPRESENTATIVE REPORT

This year has seen the release of two important documents to the caving community.

The Landowner Liaison Guidelines, which was worked on by the Cave Management Sub-committee during the previous year, was finally agreed to and was released as a working document. The idea is that it is a good starting point and that it changes as the need arises. Thanks to the members of the sub-committee for all their hard work. The other document to be released was the long awaited report on the Cave Crickets at Naracoorte. It is a very interesting document and is available from the CEGSA Library.

Two GPS units were purchased using the Optus money during the year. One is permanently located on the Nullarbor with Max Meth at Ceduna and the other one is held by the CEGSA Keyholder for loan to all Speleo Council members in Adelaide for trips other than the Nullarbor.

The Caving Standards Sub-committee continues to develop the standards and requirements for caving leaders in all disciplines of caving.

Even after more than fourteen months there is still no reply from the State Government to the report of the SA Upper House Parliamentary Environment Resource Development Committee on the Sellicks Hill Quarry Cave fiasco.

During the past few months most of the efforts of the Council have been directed towards the running of the ASF Conference at Quorn this coming Easter. It is a mammoth task and the committee will appreciate any help.

Athol Jackson.

LIBRARY AND RECORDS REPORT

The first half of this year has seen a reasonably productive busy beehive of industry in the records with a record number of helpers. One Saturday 11 people turned up. Later in the year things have slowed down somewhat to the usual steady one or two.

The most obvious improvement in the records has been the cataloguing and filing of periodicals. We received a donation of many good quality folders with envelope type covers through Mark Thiselton. Mark has been very busy indexing and setting a new high level of excellence in the final presentation of magazines. They look magic on the shelves, all in a row and all the same colour. Clear, straightforward and well indexed. Many thanks Mark.

It is with some pleasure that we have finally been able to arrange to have CEGSA Newsletters bound in book form. This was arranged by Graham Pilkington as a donation by the Army for a caving trip a few months back to the Naracoorte / Penola area. So far there has been only 2 books completed 1955 through to 1973, but it's a start. This has been a desire of previous librarians for more than 10 years.

Requests for copies of cave maps have been high this year from members with over 90 copies requested. This has come about due to many request during the year from members undertaking Leadership courses. There is a need to speed the process of finding maps for easy copying that they have to present. We have now started books containing maps of the different areas that can be located quickly and painlessly. Many thanks to Ruth Lawrence and Simon Kendrick who have helped speed this up in Upper South East and Bat Ridge areas.

I wish to thank Kevin Mott from Lower South East and Max Meth from Nullarbor, both have been consistent as usual in their supply to records of any information from maps to newspaper clippings. Also thanks to Fred Aslin and Kevin Mott for the many news articles that have flooded in from their area. We are still trying to catch up with all the filing.

Many thanks to all those members who have helped at working bees this year. Special thanks to Anne-Marie Hubycz, Bill Binks, Tom Szabo, Pam Alvaro and particularly many grateful thanks to our regular helpers Ray Gibbons, Graham Pilkington and June MacLucas.

George MacLucas

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PUBLICATIONS REPORT

This year has seen a major change in the name of our group publication from NEWSLETTER to CEGSA NEWS. It was felt that the name presented a better impression of our publication to our advertisers who are offsetting some of the costs of producing it.

Four issues were produced in volume 41 last year with the first being edited by the retiring editor, Mark Thistleton. Many thanks, Mark. The amount of material has maintained about the same level as the previous year, but there has not been any to spare. It also appears that it is always the same few who are contributing... are these the only people going on trips? Remember, you don't have to lead a trip to write a report, either for the records or for the CEGSA NEWS! Something that is desperately needed is cover material. If you have a good photo or artwork that could enhance your article then please send it in with it. Facilities are available for scanning.

Again it has been a major hassle to get the various reports in so the Annual Report can be produced in time for the AGM. You will notice that some reports are non existent as the were not submitted.

Despite that situation I still look forward to producing the news and views of the members of CEGSA for the coming year.

Athol Jackson.

MEMBERSHIP REPORT

Harry Baker died during the year after many years of armchair caving. But the number of Honorary Life Members was maintained as Max Meth was given recognition for his decades of service to CEGSA.

	1993	1994	1995	1996
Honorary Life Members	12	12	12	12
Full Members	46	49	53	51
Honorary Associate members	1			
Long-term Associate members	1	1		4
Associate members	14	23	19	20
 Total individual members	 74	 85	 84	 87
 Family memberships	 5	 3	 3	 2
Newsletter Subscribers	1	1	2	1
Newsletter Exchange	38	38	39	39
Newsletter Gifts	13	12	13	12
Newsletter Advertisers				4
	131	139	141	145

Graham Pilkington.

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SAFETY REPORT

There was one reported injury to a club member this year. This was as a visitor on a Sydney Speleological Society trip to Mammoth Cave 2J13 at Jenolan.

While down climbing a 2m pitch the victim slipped on wet rock and because of the slope of the floor she rolled onto rocks above a 3m climb. First aid was administered, the group was split into two and the victim was able to exit without further incident. The victim received stitches to the forehead and treatment for a broken nose at the Oberon base hospital. Some follow up physiotherapy was required for arm injuries.

Down climbing short pitches is a regular part of caving in some regions, and care is needed to prevent injuries, particularly if the rock is wet. In this case a bit of bad luck in the way the victim landed contributed to the injury.

Safe caving in 1997.

Peter Kraehenbuehl

SOUTH EAST

There were two incidents involving callouts in the South East during the year. The first in the Lower South East in June and involved several local lads exploring L31. A neighbour noticed a car parked in the area for an extraordinarily long time and as the owners were away contacted the police. As emergency services personnel gathered at the entrance the rather sheepish lads emerged unscathed. Having heard rumours of the cave they decided to sneak in and have a look. They were reported for being unlawfully on the premises. A subsequent visit to the cave cleaned up the rubbish and repaired the lock, which obviously had been broken for some time, to deter future unauthorised access. From this incident we learnt that if we gate a cave we need to regularly monitor the gate/s to ensure they are sound and functional.

The second incident involved U47 in November. A member of the army on a caving trip became alarmed when he thought the caving party was overdue. Knowing the history of the cave an emergency services crew were called out to investigate. The party was found safe and well at the entrance to the cave. The lessons learnt from this incident are :

- the need to ensure that people left on the surface are fully aware of the time of exit and the amount of leeway before raising any alarm
- the need to ensure underground parties exit at the scheduled time
- the need to contact owners' as a priority as they can provide feedback in less time than it takes emergency personnel to arrive and assess
- the need to use cave numbers NOT names to avoid confusion with nomenclature

During the year it was reported that U47, temporarily closed due to rockfall, had reopened. There appears to be no sign of the debris at the base of the area and the tape isolating the section has been partially removed. Both the blockage has cleared itself and some one cleaned up the debris, or someone has cleared the blockage. Both cases are cause for serious concern.

In the first scenario whoever cleared the debris was totally irresponsible for not reporting the change in status to the Speleo Council, so that further action could be taken in advising the owner, other caving clubs and emergency services. In the second scenario, whoever was involved is highly stupid, irresponsible and deserves to be severely castigated. Such action seriously jeopardises the ASF insurance scheme, and in the event of a mishap, leaves the people involved open to prosecution and no coverage under the insurance scheme.

Kevin Mott

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TRAINING REPORT

The training position changed slightly this year and became more of a Coordinators Role.

During 1996 three cross club training days were held at the Flinders University footbridge. These days were attended by members from CEGSA, FUSS, CAVEX and SCOUT CAVING. Activities included laddering and belaying, SRT, Knot passing and rebelay and vertical rescues. Thanks to Peter Kraehenbuehl and David Trehearne for their input and Claire Buswell for arranging the use of the bridge. More of these Cross Club Training Days are to be organised for 1997.

Thanks also to Simon Kendrick who organised some SRT training and Trips for some of our newer members.

Training doesn't just consist of vertical work. Other training events this year included some surveying instruction and a photographic training weekend. Thanks to all those who offered their expertise and especially Athol Jackson who hadn't been caving for a few years.

In 1997 plans are afoot for more training in these and other areas. There will also be some training trips organised for the South East so members from that area may also benefit. Topics to be covered will include rigging, laddering and belaying, self-rescue, photography, bone identification, surveying and track marking.

Again, thanks to all those that assisted with training in 1996!

Marie Choi.

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EQUIPMENT REPORT

Nil report.

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EQUIPMENT LIST

<i>Item</i>	<i>Description</i>	<i>Quantity</i>
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

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CAVING ACTIVITIES



ADELAIDE HILLS

This year has been a year of disappointment for South Australian cavers in one respect. Perhaps disillusionment would be a more appropriate word. Last year we were able to report that the Environment, Resources and Development Committee of the Parliament of South Australia had conducted a thorough assessment of the matters relating to the 1991 implosion by Southern Quarries of a section of what was by far the most significant known cave in the Adelaide Hills region. The Committee issued an 130 page report which was tabled in Parliament in November 1995. The report, which included 38 recommendations ranging from legislative changes, through to further access to the cave for a proper assessment, vindicated the concerns of the cavers. Once the report has been tabled the Minister or Ministers involved are expected to advise Parliament within four months as to what action they intend to take in response to the report. Because of the complexity of issues coming before Parliament these days, the committee system is important, perhaps vital, for the effective working of the parliamentary process. Clearly it behoves the government of the day to take committee reports seriously. In this instance it would be reasonable to expect that once the Committee had sifted fact from fantasy, the government would be able to announce its position in regard to implementation of the majority of the recommendations of the Committee without delay.

Instead of four months, a period of more than fourteen months has now passed without any perceptible government action on this matter. The government, which began its term with good community support and full of promise, is starting to look very ordinary. Surprisingly widespread and strong public expressions of support and concern for what could have been a much needed tourism asset for the Fleurieu have led us to the clear conclusion that the government is lagging well behind its electors in its vision on this matter. The cave may not be the biggest issue confronting the government, but it has a symbolic value that should not be ignored, and governments that get out of touch with the feelings of their electors do so at their peril. There has been no evidence so far that the government is treating the matter seriously, but perhaps our new Premier, who is keen to stimulate opportunities for small business will have a fresh look at the situation.

It would be simple and quick to re-establish access and to undertake a proper assessment of the currently remaining cave system. Why has this not yet happened? It is inconceivable that the Government would be feeling so insecure or scared of the consequences of finding out the truth about the cave that it wants to keep its problems buried underground. Is it a lack of understanding? Is it a lack of belief that we could have anything worth looking at under the Fleurieu? Is it that stalactites and air cavities make better gravel and agricultural lime than solid rock? Is it just old blind prejudices? In the present circumstances people will attribute one or more of these explanations to the governments perceived lack of action on the matter. There is no reason why a proper assessment process could not be a win-win situation for the government, the cavers and the quarry owners. Will there be a change in 1997?

The small roadside hole on the Main South Road at Sellicks Hill mentioned in last year's report has been numbered 5A25. Work is continuing on this cave and an air connection with A5 now seems probable although this has not yet been proved..

Exploration in the Second Valley/ Delamere area has continued this year and some interesting karst features have been noted. There appears to be some potential for digging into caves by excavating clay filled rock chokes but at this early stage it is not yet clear what the depth potential is, what the age of any cave systems might be, and whether the rewards in the way of significant discoveries are likely to be commensurate with the effort.

Grant Gartrell.

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EYRE PENINSULA

There was one trip to this region in 1996.

On the 10th of April, on their way to the Nullarbor, George and June MacLucas, Ken Boland, Ray Gibbons and Frank Hankinson visited the property of Peter Kobelt near Kimba. Peter had reported some holes on his property but unfortunately they turned out to be old wombat diggings and soil erosion. No karst features were found.

Frank Hankinson.

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FLINDERS RANGES

Caving activity in 1996 again occurred mainly in two areas of the Flinders Ranges. In the south, the Bagalowie area received several visitations. Further north, a number of trips were run to the Oraparinna-Blinman area. One thing is certain, the number of trips run to the Flinders does not reflect the size of this huge area or its potential for new discoveries. In such a picturesque landscape, the walking, in search of new or known features, invariably adds to the enjoyment of caving trips.

Easter, as usual was one of the more popular times for Flinders trips, with two trips being run:

- Eddie Rubessa led a caving/searching trip to the Oraparinna-Blinman area. A new cave near Blinman, discovered in Easter 1995, was partly explored.
- Marie Choi led a trip to the Bagalowie area (Mairs, Clara St Dora and Mount Sims caves) and shared the creek bed with 35 others from CAVEX.

Unfortunately the condition of Mairs Cave has deteriorated over the last year or so. The previously pristine Christmas Tree extension has been trogged by careless visitors, no doubt a result of the heavy visitation this cave receives. Following the Easter trip, the CEGSA committee placed a voluntary moratorium on the Christmas Tree extension.

Marie's trip also found the chain on the gate in Clara St Dora Cave had been cut, and the gate in Mount Sims Cave was broken.

There were six other trips to the Flinders Ranges:

- In April, Peter and Janine Kraehenbuehl visited the northern Flinders. Peter Horne visited Narrina Lake Cave. In core samples of calcite sediment taken from this cave, a new genus, and several new species of amoebae were discovered.
- In June, Eddie Rubessa led a trip to the northern Flinders - concentrating on the Wirrealpa-Narrina area. Backwater Cave was relocated, with a grid reference established. The new cave near Blinman was fully explored, and found to contain numerous bones.
- In September, Simon Kendrick led a trip to the Bagalowie area.
- In late September, Eddie Rubessa led another trip to the Narrina area. Several numbered features were located, now with grid references. Graham Medlin from the SA Museum recovered some of the bones from the new cave near Blinman. Some of the animals identified from these bones have not lived in the area for over 200 years. Graham's GPS unit proved very useful in accurately locating several features in this region on the map.
- In October, Marie Choi led a group of 11 to the Bagalowie area.
- In November, Eddie Rubessa relocated Burr Well Cave with a grid reference and investigated several promising features in the far northern Flinders.

Narrina Lake Cave is still closed, but negotiations between CEGSA representatives and the landowner are under way. Whilst it is early days, it is hoped that an access arrangement can be negotiated in time for the 1997 ASF Conference.

The Conference will be held over Easter, in Quorn in the Flinders Ranges. This event will hopefully stimulate interest in the Flinders as a caving region full of potential. The post conference trips should highlight the range of features over this large area. Trip leaders familiar with the Flinders caves are required, so this is a good excuse to run a trip before Easter 1997.

Bill Binks

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KANGAROO ISLAND

Several visits to Kangaroo Island were made over the last twelve months. *Gabfest '96*, a program on tourism and karst management for Cave Managers and Guides was held on Kangaroo Island from 4 - 8 March 1996. This event was excellent in all respects and as well as being informative on general issues, showed cave managers and guides from many parts of Australia a glimpse of what a wonderful asset we have in Kangaroo Island and its caves. *Gabfest '96* was attended by several members of CEGSA and Grant Gartrell was invited to present a keynote address as well as lead a couple of parties of intrepid explorers into some of the less well known areas and recent discoveries.

A couple of family parties passed through Kelly Hill during the year, and a CEGSA group visited Kelly Hill at the end of October. Some video filming was undertaken in *'The Back of Woop-woop'* and further systematic explorations of some new and old areas of the system have indicated good potential for further discoveries. It is planned to continue this work on another visit soon, perhaps during April or May.

Grant Gartrell.

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LOWER SOUTH EAST

Numbers allocated	L360 - L372
Additional features recorded	19
Surveys	L21, 60, 190, 322, 327, 360, 361, 362, 365, 371

Activity was strong in the area this year with more involvement by members from Adelaide. Those who visited the area certainly reaped the rewards.

New caves are continually being reported. Dave Glowacki has been particularly busy, especially on his meanderings for work. His efforts have unearthed a suite of caves in the Furner area.

On visits to the area CEGSA members were encouraged to open two blocked tubes. The work was not easy but reasonable caves were found. One has turned out to be a significant fossil site. PISA (forestry) has now secured the site pending advice from Neville Pledge, SA Museum, on the significance of the site and his recommendations for further exploration.

Clean up work was undertaken in several caves. L95 had numerous trailer loads of rubbish relocated to a nearby landfill. Work has continued at L38. The large entrance has undergone a major facelift. With the rubbish removal it is no longer a "walk in" entrance but a proper window requiring a ladder. The removal of the pine trees around the entrance has made clean up work more difficult as it is harder to get volunteers to work in the sun. The Police Dept have been most cooperative in assisting with the clean up.

Survey work is progressing in the area. Monbulla system has now been defined and the tasks left are upgrading some area of detail, sections and some levelling. Several other adjoining caves have had some attention but need further survey work.

The Federal Government advertised L81 for inclusion in the heritage register. A submission is being prepared on the proposed listing with a request for more details about the proposal.

A photography-training trip was held at Monbulla cave. Everyone found a variety of photographic challenges in the area and there will undoubtedly be further photographic trips in the future, if only to improve on shots already taken.

There remains plenty of work to do in the Lower South East and as a bonus the South Australian portion of Victoria is not far away.

Kevin Mott

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MURRAY PLAINS

The River Murray area has had a number of CEGSA trips this year. 5M1 at Punyelroo was visited five times. One of these visits was by Marie Choi with a party of Girl Guides.

5M18 (Gloop) received one visit.

George MacLucas led an expedition to the Bakara area and found the rarely visited 5M7, 5M8, 5M11, 5M12 and 5M14.

Ron Simms went to 5M 25 at Yookamurra. This is a cave that receives little visitation.

Lance Hoey.

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NULLARBOR PLAINS

WEEBUBBIE CAVE 6N2

On 9 Oct 1996 a portion of rock ceiling in Weebubbie cave collapsed. The cave is currently closed to the public.

The collapse occurred inside the cave in the area immediately beyond the group of gigantic fallen boulders. These very nearly block entrance into the cave. The collapse occurred directly above the main pathway into the cave, and in fact about 30m of the path was buried.

No new boulder collapsed on this occasion, merely a metre thick (approximately) layer of ceiling. This layer was reduced to rubble on collapsing, with some blocks up to 2m in length. Some debris tumbled up to about 30m down the slope.

The incident raises the issue of safety. It was indeed fortunate that no one was injured by this collapse. It behoves cavers to be aware of possible dangers whilst caving.

The large caves of the Nullarbor have been modified by rock collapse. Indeed, the large entrances are termed "collapse dolines". The collapsing is a natural process that, over time, results in the gradual stoping upwards of passages, as blocks from the ceiling fall to the floor. The process eventually forms an entrance into a cave, when the topmost rock strata collapses.

The process of collapse does not stop when an entrance has formed, but then continues, both within the cave and in the new entrance doline.

The new ceiling in Weebubbie Cave appears to be stable again, but eventually further collapse will occur.

There would probably be some type of warning in the period immediately prior to a collapse. The sound of small rock fragments splitting off the area that is about to collapse, would be an audible warning. Any such portents should be taken as a sign of imminent collapse, and the cave should be immediately evacuated. A note to future visitors could be left to indicate the danger, and the cave manager should also be advised.

Generally, Nullarbor caves are very stable, and spontaneous rockfalls have not been recorded previous to this. The entrapment of a group of divers in Pannikin Plain Cave on 2 Dec 1988 was caused by a flash flood following a very heavy rainstorm. Pannikin Plain Cave is now (and was prior to Dec 1988) regarded as an unstable cave due to the steep angle of repose of the entrance rockpile. Such a steep angle (about 70°) is greater than any other known Nullarbor cave.

GENERAL

A systematic survey for Sea Lions along the coast of the Great Australian Bight in 1994 and 1995 saw the publication in 1996 of a report "Status of the Australian Sea Lion *Neophoca cinerea* in the Great Australian Bight. The report is by T E Dennis and P D Shaughnessy published in Wildlife Research #23 pp741-754. It lists 34 sea caves along the base of the Nullarbor Cliffs as either being used by Sea Lions or of being available to them. These sea caves have been added to the Nullarbor cave database.

1996 saw the number of karst features known on the Nullarbor pass the 2000 mark. The total is now 2110, an increase of 304 for the year. Made up of:

1477 numbered with an "N" number
633 on the "NX" list.

The split between the 2 states is:

504 South Australia
1606 Western Australia.

The entrances are classified as:

715 Blowhole
659 Doline
406 Rockhole
105 Hole (not quite a blowhole or a doline)
59 Sea Cave
30 Rock Shelter
36 Other types
100 unknown (the NX list has many features with little or no description)

There are 451 caves with a cave length recorded as over 3m. There are many other caves known where a cave length is not recorded at all. The caves in the Bunda Cliffs are examples of this.

The following table gives the number of caves that exceed the given lengths: 3m 451 caves

10m	280 caves
20m	197 caves
50m	110 caves
100m	68 caves
200m	34 caves
500m	15 caves

Max G Meth

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UPPER SOUTH EAST

The Upper South East was not visited as much as other regions this year however a number of important projects are currently being undertaken..

A joint exercise between CEGSA, NPWS and Dr. Rod Wells (Flinders University) is under way in Victoria Fossil Cave to establish whether an air/sand filled cavern exists beyond the Fossil Chamber. Part of the project involves completing the survey, which began over 20 years ago. This year saw five CEGSA survey trips concentrate in the South/Eastern section of the cave in the vicinity of the Fossil Chamber. Some Trackmarking was also completed through a major run of the cave.

A major announcement was made by NPWS that they had been allocated three million dollars (\$3M) to upgrade the Naracoorte Conservation Park and build a new interpretation centre for the Fossil Cave. Portion of Carter's property was acquired for inclusion in the Park and will be revegetated with native species. Also the pines over Wombat Cave will be removed and this area revegetated as well. NPWS are to be congratulated on their efforts.

Confirmation of cave location in the Mosquito Creek area was done to upgrade CEGSA's records in that area.

Steve Milner and others have completed the survey of Blackberry Cave following a couple of survey / RDF / photomonitoring trips from which a map is currently being drafted. Some future trips will be required for Trackmarking purposes.

Ruth Lawrence has made a number of visits to S102 Cave to set up and monitor some water level experiments with assistance from other cavers. An area of cave beyond the first lake previously declared off-limits by Kevin Mott can now be passed safely.... providing that the dead cow which now adorns the entrance can be negotiated. This has created a very smelly dilemma for quite some time to come unless it can be removed.

One of the major finds for the year was U162, Mildara Blass Koppamurra Cave. A survey has been carried out which shows the length to be almost 350 metres, which is rather large for the Upper South East. Some smaller features have also been found but not numbered.

A trip late in the year saw CEGSA members act as guides for an army group. Caves visited included Blackberry, Wet, Cathedral, Robertson's, S102, Wombat and SOS.

Some records statistics are:	Numbers allocated	U162 - 164
	Additional features recorded	3
	Surveys	U1, 8

It is disappointing that despite the number of trips apparently being run to the area for a variety of reasons such as survey, fossil collecting, general: very little reporting is occurring.

(Editors Note: This report is a collation of reports from the three authors.)

Garry Woodcock.

Kevin Mott.

Dave Glowacki

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YORKE PENINSULA

There were 20 trips to Corra Lynn Cave during the year. Most trips were for beginners or for fun. The split was as follows:

CEGSA	7
Scouts	7
WestCare	2
ADDICT	1
CAVEX	1
SASC	1
Schools	1

Town Well Cave received a few one-day visits.

Graham Pilkington.

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INTERSTATE

Forays were made into the South Australian section of Victoria during the year. Several new features were documented in the Drik Drik area. Many new features have also been found in the Glenelg River area and are in the process of being documented. CEGSA members also visited the Bats Ridge area and enjoyed the variety of caving available there.

Cave Ridge has received attention from CEGSA members with half a dozen caves being recorded. A resurvey of CR1 has been commenced and the survey of the newly discovered CR2 is well underway. Several smaller caves have had some preliminary survey work as members hone their survey skills.

These areas have potential for further discovery and make a pleasant break from mainline caving in the Lower South East.

Kevin Mott.

This year started with a trip in January to Bat Ridge Caves in Victoria with Simon Kendrick, Julius Gheude, Bill Binks, Tracy Colhoun, Matt Pritchard, David Glowacki and three visitors, climbers from Adelaide Climbing Gym. Caves visited were Hut Cave (has a particularly nasty squeeze) Big Cave, and Hammer Cave. Later they ran into Sue White (VSA) and Ken Grimes (CEGSA and VSA) at Chimney Cave who advised them the whereabouts of Stalactite Cave and Remembrance Cave, apparently a cave well worth the visit.

Also in January June and George MacLucas were invited to join Spot and Jude Matthews (was VSA now SSS) on a visit to Buchan Caves, Victoria where they offered to demonstrate the "Variety of Caves at Buchan". This they did extremely well with both show caves and wild caves. According to June and George visiting show caves after hours especially Shades of Death Cave were great. Wild caves included Horse Shoe Cave (now closed to the public), Lamppost Cave, Oolite Cave, and Forget-me-not Cave. While at Buchan they stayed at Homeleigh, a co-operative cavers hut which is very cheap and comfortable.

In April Alan Jevons traveled to Wellington Caving area in NSW for the ASF Council meeting. Unfortunately to his regret, there was no time for him to take part in any caving.

In October June and George MacLucas took a 10 days reconnaissance trip to the Blue Mountains to check Abercrombie, Wombeyan and Jenolan Caving areas with the intention of arranging a trip in March 1997 for an art (drawing) trip to these areas. This trip was undertaken with the encouragement of Elery Hamilton-Smith to visit these particular beautiful caving areas. All National Parks and Wildlife Services were co-operative and interested in making the trip worthwhile with offers of any assistance for the planned March 97 trip. While in Mammoth Cave in the Jenolan area with John Bonwick and others from SSS Group, June suffered a fall on slippery rocks through an awkward 6' drop, landing on a 45 degree muddy floor. Unfortunately she was unable to stop herself and landed face first on a protruding rock. It was necessary for her to leave the cave and seek medical attention as she received 10 stitches in her forehead and a broken nose. June walked out of the cave and through the National Park and was taken to the nearest hospital at Oberon 27 km away.

June MacLucas.

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OVERSEAS

Nil Report for this area.

-O-O-O-O-O-O-O-O-O-O-O-O-O-

FINANCIAL STATEMENTS



INCOME AND EXPENDITURE STATEMENTCave Exploration Group (SA) Inc. for the period ending 31st December 1996.

<u>INCOME</u>	<u>1996</u>	<u>1995</u>
Full Membership (CEGSA)	1,675.00	1,299.00
Full Membership (Country)	180.00	88.00
Associate Membership	644.00	355.10
Family Membership	126.00	60.00
ASF Levy and Insurance Levy	1,002.00	908.00
	\$3,627.00	\$2,710.10
Key Hire	290.00	140.00
Donations: Cavex Inc. (for gating)	25.00	5.00
Air Cadets (Cave Trip)	352.00	0.00
Minlaton District School (Cave Trip)	100.00	0.00
Sale of Publications / Stickers / Badges	177.50	298.00
Bank Interest - General Account	73.97	164.41
General Meeting Room / Suppers	426.85	350.00
CEGSA NEWS Sales	2.00	20.00
DELM Far West District	28.00	0.00
Advertising in CEGSA NEWS	750.00	100.00
Calendar Sales	24.00	0.00
Sundries	373.36	0.00
	\$6,249.68	\$3,787.56
1994 Door Money (28th June 1995)	0.00	281.00
ASF Sellicks Hill Refund	0.00	3,800.00
TOTAL INCOME	\$6,249.68	\$7,868.56
<u>EXPENDITURE</u>		
CEGSA NEWS/Printing/Stationery/Postage	1,603.75	1,354.83
ASF Membership Levy and Insurance	960.00	825.00
Australia Post Box Rental	75.00	75.00
Telephone (Mac MacDonald)	0.00	92.00
Telephone Directory Listing and Calls (G.Pilkington)	70.00	55.00
Quartermaster - Locks & Keys	0.00	18.40
Library Book Purchases	64.95	143.30
Records Expenses	81.37	105.63
Records, Library & Treasurer Phone/Postage/Stationery	175.77	0.00
Subs.-M/ships: S.A.Speleological Council	50.00	50.00
Friends Flinders Ranges National Park	10.00	7.00
Aust. Cave & Karst	40.00	40.00
Cave Radio & Electronics (England)	41.76	41.17
Helictite	0.00	20.00
Spectrum Management Agency (Radio Licence)	24.00	24.00
ASF Representative Expenses (Alan Jevons)	150.00	0.00
Records Research (Fred Aslin)	40.00	0.00
Changes To Constitution	32.00	0.00
Film, Prints of Historical Cpt. Thomson Slides	97.00	0.00
General Meeting Room / Suppers	362.45	150.00
Gov. Debits Tax	13.50	6.70
FID General A/c.	3.62	4.92
Sundries	42.76	47.10
Trip Expenses and Petrol	311.20	0.00
TOTAL EXPENDITURE	\$4,249.13	\$3,091.10
SURPLUS (DEFICIT)	\$2,000.55	\$4,777.46

BALANCE SHEET

Cave Exploration Group (SA) Inc. as at 31st December 1996.

<u>ASSETS</u>	<u>1996</u>	<u>1995</u>
CURRENT		
Cash at Bank - General Account	3,825.68	2,156.33
Cash at Bank - Long Term Investment	7,533.71	7,060.87
Petty Cash in Hand (Treasurer)	12.05	0.00
TOTAL	<u>\$11,371.44</u>	<u>\$9,217.20</u>
 <u>LIABILITIES</u>		
CURRENT		
Accumulated Membership fund	9,370.89	4,439.74
Surplus (Deficit) from years activity	2,000.55	4,777.46
TOTAL	<u>\$11,371.44</u>	<u>\$9,217.20</u>

PERIODIC EXPENDITURE STATEMENT

for year ending 31 December 1996

<u>ANNUAL ITEMS</u>	
Telstra - White Pages Entry	55.00
SA Speleological Council Membership	50.00
Helictite Subscription	20.00
Australia Post - PO Box Rental	75.00
Spectrum Management Agency - Radio Licence	24.00
Friends of the Flinders Ranges National Park	10.00
Membership	
Cave Radio and Electronics, England -	41.76
Subscription	
	<u>\$275.76</u>
 <u>BIENNIAL ITEMS</u>	
Australian Cave and Karst Management	40.00
Membership	
TOTAL	<u>\$315.76</u>

SALEABLE ITEMS, STOCK ON HAND

as at 31st December 1996 (at committee valuation)

BADGES

Enamel	45	@	\$5.00	ea	\$225.00
Cloth	41	@	\$4.00	ea	\$164.00
					\$389.00

STICKERS

Sheets	120	@	\$3.50	ea	\$420.00
Single Large	27	@	\$1.50	ea	\$40.50
Single Medium	8	@	\$0.50	ea	\$4.00
Single Small	9	@	\$0.25	ea	\$2.25
					\$466.75

LIBRARY

Occasional Paper No. 4	27	@	\$6.00	ea	\$162.00
Occasional Paper No. 5	28	@	\$6.00	ea	\$168.00
Occasional Paper No. 6	40	@	\$8.00	ea	\$320.00
Speleovision (14th ASF Conference Proceedings)	16	@	\$12.00	ea	\$192.00
					\$842.00

TOTAL

\$1,697.75**COMMITTEE EXPENDITURE**

The Committee has the power to spend not more than \$75 on any one item and no more than \$200 in any one month, without the prior approval of the general meeting (refer clause 9(d) of the Constitution).

1997 MEMBERSHIP FEES

Inclusive in Full Membership is \$10.00 ASF Levy (an increase of \$2.00) and Insurance Levy of \$7.00. Associate Membership includes \$7.00 Insurance Levy.

FULL MEMBER	\$52.00
FULL MEMBER (Country)	\$47.00
ASSOCIATE MEMBER (no ASF M/ship)	\$35.00
LONG TERM ASSOCIATE MEMBER	\$45.00

TREASURERS' STATEMENT

The above income and Expenditure Statement, Balance Sheet and other statements is a record of the activities of CEGSA for the year ending 31st December 1996.

Unfortunately this year we had to increase membership fees to meet rising costs and even with this increase we have only broken more or less even. There is a surplus of \$2,000 but in fact \$500 of this amount has been set aside for map sheets to be purchased through Graham Pilkington and Kevin Mott. At this stage on closure of the CEGSA 1996 financial year it has been found that the map sheets will cost triple this amount. This is still undergoing negotiation by the Committee to scout around for a possible better price.

Fortunately this year we have included advertising in our Newsletters but this has only paid for about half of the printing costs. We could do with more advertising, so if you know a business firm likely to lean towards caving interests that may be interested, please let me know.

It is pleasing to see we had several donations for caving trips in 1996. Air Cadets and Minlaton District School. It would be great if more were interested in donating for trips? There was also a field trip involving the Army for which negotiations were made by Graham Pilkington that they bind (free of charge) CEGSA Newsletters and Annual Reports from 1956 through to the present. These look good and some are now on display on the shelves in the Records room.

Earlier in the year we kindly received a donation of \$25.00 from Cavex Inc towards gating costs in the Flinders, they had found one of the gates to a cave had been damaged. Thanks Cavex.

Our Long Term Investment Account matured during the year increasing the investment by \$477.74. This was then reinvested for another 12 months. This matures in May 1997 when the accumulated interest will be withdrawn and used to purchase much needed replacement CEGSA Cave Hire gear, or towards the costs of map sheets. The original amount of \$7,060.87 will then be reinvested for another twelve months.

Please note that there has been an increase in ASF costs of \$2.00 each for Full Members. This came into effect in 1996 and CEGSA paid the extra from funds to cover that increase. Membership fees including this increase have been listed under 1997 MEMBERSHIP FEES.

The 1997 subscriptions were due on the 1st January 1997. It would assist and be appreciated if you could please pay them as soon as possible.

June MacLucas.

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 31 December 1996 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 handwritten signature in black ink, appearing to read 'A. G. Jevons'.

A. G. Jevons. MNIA
Honorary Auditor

5 February 1997

MEMBERSHIP

and

MAILING LISTS



1996 MEMBERSHIP LIST

- A ALVARO Pam 9503 08-8522-6095 (W) 041-210-0671
PO Box 2135 PORT ADELAIDE SA 5015
- CL ASLIN Fred 6401 08-8725-1233
29 Elizabeth St MOUNT GAMBIER SA 5290
- F BAKKER Joyce 5801
4 St Annes Flats, 40 Chopin Road SOMERTON PARK SA 5044
- F BAUER Jo 8302
c/o Scout Shop, 210 Rundle St ADELAIDE SA 5000
- LTA BETTISON Genelle 9411 8261-6290
8 Kooline Crescent GILLES PLAINS SA 5086
- F BINKS Bill 9412 8431-4490
29 Hyland Terrace ROSSLYN PARK SA 5072
- A BRANFORD Adam 9605 08-8725-3957
PO Box 2511 MOUNT GAMBIER SA 5290
- LTA BYFIELD Jim 9306 8264-5648 (W) 8263-0088
6 Alexander Avenue MODBURY NORTH SA 5092
- F CHARLESWORTH Ian 9008 08-8536-3816
25 Burnside Road STRATHALBYN SA 5255
- F CHARLESWORTH Suzanne 9207 08-8536-3816
25 Burnside Road STRATHALBYN SA 5255
- F CHOI Marie 9408 8322-0895 (W) 8326-1777
75 Capella Drive HALLETT COVE SA 5158
- A COLHOUN Tracy 9309 8387-1816
4 Nardoo Street HALLETT COVE SA 5158
- A CROSER Greg 9507 8298-2847 (W) 8377-1594
7 Alpine Road SEACOMBE HEIGHTS SA 5047
- F DAYMAN Rob 8402 8443-5514
2 / 9 Cuming Street MILE END SA 5031
- A DEER Stuart 9511 8396-5386
6 Amethyst Crescent HOPE VALLEY SA 5090
- F DOBSON-KEEFFE Nigel 8821 8336-5895 (W) 8282-8501
10 Pope Street NEWTON SA 5074
- LTA EGEL Dave 9418 8382-8623
2 Garland Court NOARLUNGA DOWNS SA 5168
- A EGTBERTS Angelique 9609 8382-9595
8 Sherry Court HACKHAM WEST SA 5163

- F ELLIS David 8201 8362-6556
3 Oxford Street HACKNEY SA 5069
- L GARTRELL Grant 6301 08-8556-9100
PO Box 27 MOUNT COMPASS SA 5210
- A GHEUDE Jules 9504 8255-6873
25 Fietcher Road ELIZABETH EAST SA 5112
- F GIBBONS Ray 9403 8258-9847 (W) 8258-9847
9 Cuthbert Avenue SALISBURY EAST SA 5109
- A GIBBONS Terry 9406 8258-9847
9 Cuthbert Avenue SALISBURY EAST SA 5109
- F GIRDLER Pete 9303 8380-5205 (W) 8259-5497
PO Box 290 GOLDEN GROVE SA 5125
- A GLOWACKI Dave 9510 08-8762-1463 (W) 018-474-096
PO Box 1060 NARACORTE SA 5271
- CF GRIMES Janeen 9107 03-5574-8225
PO Box 362 HAMILTON Vic 3300
- CF GRIMES Ken 9106 03-5574-8225 (W) 03-5573-4503
PO Box 362 HAMILTON Vic 3300
- A GRINDLEY Damian 9610 8362-8123
3 Cambridge St Hackney SA 5069 Email: Grindle@Waite.Adelaide.Edu.Au
- A GRIVELL Adrian 9601 8382-7615
101 Elizabeth Road CHRISTIE DOWNS SA 5164
- A GRIVELL Chris 9602 8382-7615 (W) 8303-3259
101 Elizabeth Road CHRISTIE DOWNS SA 5164
- F HALES Chris 8403 08-8524-4796
4 Barossa Court PO Box 440 LYNDOK SA 5351
- CF HALL max 9108 09-039-3426 (W) 09-039-3453
c/o Balladonia Roadhouse, Eyre Highway via NORSEMAN WA 6443
- CL HAMILTON-SMITH Elery 5506 (W) 03-9489-7785
PO Box 36 CARLTON SOUTH Vic 3053
- F HANKINSON Frank 9404 8322-4300
7 St Helens Court WOODCROFT SA 5162
- F HARPER Paul 8802 8354-0950 (W) 8366-3100x143
Flat 2 / 55 Ashley Street TORRENSVILLE SA 5031
- F HOEY Lance 8711 8265-1907
16 Tarana Road HOPE VALLEY SA 5090

- L HORNE Peter 8102 8295-6031
3 / 9 Muriel Avenue SOMERTON PARK SA 5044
- F HUBYCZ Anne-Marie 9419 8443-6791
unit 2 / 35A Hounslow Avenue COWANDILLA SA 5033
- L JACKSON Athol 5701 8337-8759
6 Hudson Avenue ROSTREVOR SA 5073
- F JANSEN Bart 8806 8383-7111 (W) 8275-7382
PO Box 174 KANGARILLA SA 5157
- F JEVONS Alan 8602 8265-4801 (W) 8224-7383
18 Exhibition Drive MODBURY NORTH SA 5092
- F KENDRICK Simon 8611 8369-1087 (W) 8223-5544
21 Henry Street NORWOOD SA 5037 (F) 8223-5347
- F KRAEHENBUEHL Janine 9301 8278-4531 (W) 8278-5477
Western Lodge, Belair National Park c/o PO BELAIR SA 5052
- F KRAEHENBUEHL Peter 8407 8278-4531
Western Lodge, Belair National Park c/o PO BELAIR SA 5052
- F LAWRENCE Ruth 9208 (W) 8228-5649
Geography Dept, Uni of Adelaide ADELAIDE SA 5000
- CL LEWIS Ian 6701 03-9395-1008 (W) 03-9243-3217
PO Box 2134 WERRIBEE Vic 3030
- F LOWE Dave 9413 8377-0884 (W) 8377-0884
172 Seacombe Road SEAVIEW DOWNS SA 5049
- F MacLUCAS George 8004 8261-4180
11 Gulfview Parade VALLY VIEW SA 5093
- F MacLUCAS June 9209 8261-4180
11 Gulfview Parade VALLY VIEW SA 5093
- F McCORMICK Sue 9104 8278-4840
45 Grevillea Way BLACKWOOD SA 5051
- CF McINTYRE David 8804 08-8675-2348 (W) 08-8675-2002
16 Redgum Place LEIGH CREEK SA 5731
- F McRAE Colin 8002 8382-7905
3 Kerrin Avenue MORPHETT VALE SA 5162
- A McRAE Stephen 9414 8382-7905
3 Kerrin Avenue MORPHETT VALE SA 5162
- CF MEIKLE John 8905 02-9550-2313 (W) 02-9550-4438
2 Oxford Street NEWTON NSW 2042

- CL METH Max 7101 08-8625-2700
1 Morrison Avenue PO Box 622 CEDUNA SA 5690
- F MILNER Steve 9004 8270-5078 (W) 8303-8904
30 McKenzie Street COROMANDLE VALLEY PO Box 25, BLACKWOOD SA 5051
- CL MOLLET Noel 5514 08-8575-8030
Woods Well Road Culburra PO BOX 107 CULBURRA SA 5261
- CL MOTT Kevin 7401 08-8723-1461 (W) 08-8735-1131
18 Reginald Street MOUNT GAMBIER SA 5290 (F) 08-8735-1135
- A MOYLE Ken 9604 8384-8759 (W) 8326-1777
16 Florian Crescent CHRISTIE DOWNS SA 5164
- F NATHAN Graham 9205 8278-5860 (W) 8303-5822
21 Wolseley Road BLACKWOOD SA 5051
- F NINNES Gordon 7102 8374-3552
8 Sampson Road MITCHELL PARK SA 5043
- A NINNES Ian 9401 8297-8202
7 St Georges Avenue GLANDORE SA 5037
- A NOUTOS Tina 9608 8291-6226
Flinders University Hall BEDFORD PARK SA 5042
- F PACKER Jaz 9213
c/o 688 Lower North East Road PARADISE SA 5075
- F PAPILLO Michelle 9509 8351-7205 (W) 8281-0165
44A Light Terrace THEBARTON SA 5031
- L PILKINGTON Graham 7201 8396-3044 (W) 8396-3044
66 Eyre Crescent VALLEY VIEW SA 5093
fa PILKINGTON Rodger
fa PILKINGTON Siona
- F PLEDGE Neville 6302 8272-5483 (W) 8207-7454
c/o SA MUSEUM North Terrace ADELAIDE SA 5000
- A PRITCHARD Matt 9508 8280-7274 (W) 8282-2427
Lot 13 Bassnet Road ONE TREE HILL SA 5114
- F RAIN TREE Fern 8708 8388-6441 (W) 8212-6030
PO Box 770 NAIRNE SA 5252
- F RICHARDS Ian 9506 8322-2894 (W) 8237-6151
8 Knights Bridge Court HAPPY VALLEY SA 5159
- F RUBESSA Eddie 8810 8336-4775 (W) 8341-1595

L	SANDERS Fred	5501	8276-3839	
	8 Wattlebury Crescent LOWER MITCHAM SA 5062			
F	SEFTON Mark	8709	8277-9086	(W) 8303-6600
	36 Norman Street ST MARYS SA 5042			
fa	SEFTON Alistair			
fa	SEFTON Karin	8710		
fa	SEFTON Murray			
L	SEXTON Bob	5518		(W) 8269-8911
	22 Tyne Street GILBERTON SA 5081			
F	SIMMS Ron	5802	8356-5366	
	29 Kentdale Street GRANGE SA 5022			
A	SMITH Andrea	9607	8251-1317	(W) 8264-9641
	21 Amanda Drive SURREY DOWNS SA 5126			
LTA	SMITH Ken	9210	8271-7064	(W) 8297-6144
	6 Joslin Street WAYVILLE SA 5034			
A	SZABO Tom	9603	8396-5368	(W) 8266-0188
	33 Pamela Drive PARA HILLS SA 5096			
F	THISELTON Mark	8801	8374-2592	(W) 8401-6716
	62 Penang Avenue COLONEL LIGHT GARDENS SA 5041			
F	TREHEARNE David	8604		
	10 LaJolla Avenue FULHAM SA 5024			
F	TRENORDEN Nicki	9203	8390-1730	(W) 8264-4166
	PO Box 173 SUMMERTOWN SA 5141			
CF	WILKINSON Bridget	8205	08-8733-3862	
	13 Walker Street MILLICENT SA 5280			
A	WILSON Dave	9606	8382-9709	(W) 015-699-285
	17 Arcturus Avenue HACKHAM WEST SA 5163			
F	WOODCOCK Gary	8109	8380-5154	(W) 8226-3950
	Section 5530, Lower Hermitage Road HOUGHTON SA 5131			
F	WOODWARD Graham	8105	8365-3076	
	15 Vagnoni Avenue PARADISE SA 5075			
F	WOODWARD Michael	8106	8337-5200	
	27 Harrow Avenue MAGILL SA 5072			
F	WRIGHT David	6501	8382-7481	(W) 8296-8444
	31 Teusner Drive MORPHETT VALE SA 5162			

1996 MAILING LIST

- G **A.S.F. LIBRARY** Cathy BROWN, 06288-2819
13 McDonald Street CHIFLEY ACT 2606
- G **A.S.F. PRESIDENT** Brendan Ferrari
122 Hawke Street WEST MELBOURNE Vic 3102
- E **ADELAIDE BUSHWALKERS**
PO Box 178 UNLEY SA 5061
- G **BAKKER** Dept Environment & Land Management,
PMB 43 MENINGIE SA 5264
- E **BLUE MOUNTAINS SPELEOLOGICAL CLUB**
PO Box 37 GLENBROOK NSW 2773
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