

**CAVE EXPLORATION GROUP
SOUTH AUSTRALIA Inc.**

PO Box 144 Rundle Mall, Adelaide, 5000



ANNUAL REPORT

1999

Forty Fourth Annual Report

Presented to the Annual General Meeting
held on Saturday 12th February 2000
at the Old Queens Arms Hotel, 88 Wright St, Adelaide, SA.

CAVE EXPLORATION GROUP

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PO Box 144 Rundle Mall, Adelaide, 5000

PRESENTS THE

1999

ANNUAL REPORT



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REPORTS



1999 COMMITTEE

President	Marie Choi
Secretary	Julius Gheude
Museum Representative	Neville Pledge
Quartermaster/Safety & Training	Simon Kendrick
Search & Rescue	Frank Hankinson
Publications	Athol Jackson
Landowner Liaison	(Michael Caruana
	(Garry Woodcock

1999 OFFICE BEARERS

Librarian and Records	George MacLucas
Treasurer	June MacLucas
Trip Liaison (Logbook)	Steve Milner
Public Officer	Graham Pilkington
Membership	June MacLucas
Key Holder	Simon Kendrick
Research Coordinator	Steve Milner

1999 REPRESENTATIVES

Australian Speleological Federation	Peter Kraehenbuehl
S.A. Speleological Council	(Graham Pilkington
	(Simon Kendrick
Caving Leadership Standards Working Group	(Peter Kraehenbuehl
	(Marie Choi

PRESIDENT'S REPORT

Well it's been an interesting 12 months in this position, much of the committee's time has been spent on tidying up issues around insurance and leadership status.

The club has also continued to be active with new areas being added to our list of caving regions, and some other areas being revisited after some time. Members have also managed to penetrate caves that have been rather stubborn to others to reveal their secrets.

We have also had four of our members get married during the past 12 months along with the addition of two new babies. This must be a record, if not for a caving club for CEGSA

We have also had a busy time overseas with Steve Milner on an exciting Expedition to Vietnam and Damian and Amanda Grindley and Myself visiting the NSS Conference in Idaho USA. We can't forget about Max who even from the Philippines has kept himself up to date on what's happening on his beloved Nullarbor. We also have Pam making herself busy in the US. This has to be the most active CEGSA members have been over seas for some time!

1999 has been a good year for gaining some young and enthusiastic new members, lets hope this trend continues in the future.

Lastly I must thank a number of people in CEGSA including 1999s committee members, I believe we had a good mix of talented people that represented a wide cross section of CEGSA's membership, and hope that continues. I need to particularly thank Simon and Tracy for allowing us to have most of our meetings in their home, and Julius for his outstanding work as Secretary. Other Members that need special thanks are Athol for his hard work on the News Letters and reports (I don't know how you do it), and June and George who have allowed CEGSA to take over their home with the library and records, of course there are others who dedicate much to time and energy to the club and you all deserve a pat on the back .

Marie Choi.

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1999 AWARDS

Leather Medals

Leather Bug	Fred Aslin
Leather Glasses	Kevin Mott
Leather Computer	Steve Milner
Spirit of Caving	Linda Deer
Golden Compass Award	Dave Glowacki and Linda Deer (No Hips Entering 5L309)
Rivett's Reward	No Recipient
Mundrabilla Marble	Graham Pilkington (The Surveyors dinner plate)

Marie Choi.

SECRETARY REPORT

I took over the responsibilities of Secretary from Bill Binks in September 1998. Having observed Bills professional manner in being a frontline representative for CEGSA I must admit I was reluctant to follow. Fortunately he left a very good example as to the format of minutes and the general background record keeping that it was not too difficult to pick up the job and run with it.

What came as a surprise was the amount of responsibility and influence the Secretary actually has, particularly in regard to the producing CEGSA's official records of its proceedings namely the Minutes. I decided early on that I would try to represent in the Minutes the broad spectrum of opinions that is the clubs membership.

I also felt that members would feel like members and hence become more active in the club if they are kept duly informed. To this end I have endeavoured to send to our members (particularly those who cannot make the meetings) the Minutes via email.

Over the last 14 months or so of being Secretary I have observed the club as functioning quite well. Each of the Office bearers have taken their duties quite seriously and were very proactive in promoting the clubs cause - to find and explore caves and to have fun at the same time. Of some concern was the stagnation or downturn in the clubs membership. This trend has appeared to change with the recent influx of new members. The committee has recognized the problem and has been trying various ways of promoting CEGSA a bit more.

Of interest to me is the possibility of CEGSA hosting the 14th International Congress of Speleology in 2005. I think South Australia definitely has the goods in regard to standard and diversity of Karst features in our vicinity, namely the Nullarbor, Flinders Ranges and particularly the Lower South East. I believe that CEGSA has the history, infrastructure, professionalism and external affiliations to pull this one off. The spin offs for the sport in South Australia and the recognition that CEGSA will receive locally and internationally will be substantial. I hope we give it a try.

Julius Gheude

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MUSEUM REPRESENTATIVE REPORT

I am pleased to report that the skull fragments of the Wonambi skeleton stolen from the Museum last year have been recovered from an anonymous person through a third party. It is anticipated that they will go back on display when the Museum reopens next March, after major renovations to the Aboriginal gallery and elsewhere.

Terry Reardon and Neville Pledge led a group from the Friends of the South Australian Museum (FOSAM) to Naracoorte in November, staying at the new Caves Reserve dormitory accommodation on Carters old place. The program was to visit the new Wonambi Fossil Centre and the Victoria Fossil Cave, help Terry with his bat survey project, and visit a number of features in the lower Southeast, notably Piccaninnie and Ewans Ponds, and a detour to the spectacular Hell's Hole (L40). The Wonambi Fossil Centre gets better and better, with new exhibits appearing all the time. Despite a few hiccups, the weekend trip was enjoyed by all, and the new bunkhouse facilities proved quite comfortable.

As a postscript, Terry reports that more recent testing from the Bat Cave has revealed some disturbing results, which he will release when final analyses have been done.

A new cave found in the northern Flinders last Christmas had several partial skeletons, some still with desiccated skin. Photographs taken by Jules Gheude, however, showed them to be dingos and not the thylacines that early descriptions suggested.

"Vineyard Cave", discovered during the year near Naracoorte, has yielded a quantity of fossils, including a jaw fragment of the rare 'marsupial tapir' Palorchestes. These fossils are being studied by Liz Reed as part of her PhD work.

Neville Pledge.

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LIBRARY AND RECORDS REPORT

This year has been reasonably productive even though the regular group attending the working bees have been but a few, mostly Chris & Ray Gibbons and Graham Pilkington. A few other members joined us whenever they could, Eddie Rubessa, Ken Smith, Kerry Ninnies, Anne-Marie Hubycz, Simon Kendrick and Tracey Colhoun.

It was decided during 1998 that to catch up on a few areas needing attention, it would be necessary to increase the working bees to twice a month. This continued all through 1999. In this way thanks must go to Chris and Ray Gibbons for their regularity in turning up and contributing their time and energy to CEGSA records. Thanks also to Chris for contributions towards the evening meals, especially her wonderful home made soups. Thanks to Ray and Graham for contributions of firewood. In the cooler weather this is appreciated as a fire is constantly burning away to keep helpers warm and cosy.

A new area Torrens "T" has been commenced. This is a low profile karst area near Lake Torrens in the north of the state that started from a recent trip, when 4 caves with possible leads were located by Graham Pilkington and Ray Gibbons along with two locals from Andamooka SA.

The Nullarbor continues to find new features through the guidance of Max Hall of Balladonia WA, who has also been steering the interstate visitors to creative areas, resulting in CEGSA receiving maps from various active interstate clubs. Steve Milner also handed in various maps from his Nullarbor trip earlier this year.

The Flinders Rangers has yielded 20 new features with locations handed in by Eddie Rubessa and Bill Binks. The most active members in this area have been Eddie Rubessa, Ray Gibbons, Bill Binks and Jules Gheude.

Kevin Mott and Fred Aslin, both of Mt. Gambier, continue locating new karst features with location drawings of the south end by Kevin.

The periodicals received filing system is now complete with only new arrivals needing to be filed.

The library books have been re-sorted, documented on database and a colour code system incorporated for easy access.

The monographs have been sorted into folders ready for entry into a database.

The newspaper clippings continue to come in but unfortunately our filing system has not caught up with these items due to lack of person power.

I thank the members who have participated throughout the year in collecting data and passing it onto records and special thanks to those who have attended the working bees throughout the year. So much done, by so few, for the many. Happy millennium.

George MacLucas & Unofficial Assistant June MacLucas.

PUBLICATIONS REPORT

Four editions of the CEGSA NEWS were produced during the year in February, May, August and November. Ken Boland's articles from Nargun on Thampanna Cave in the Nullarbor have been continued and completed. The Annual Report was also produced for the AGM in February.

You would have noticed that the last few editions have been smaller than previous ones. This is because you, the members are not supplying the information for publication. This is your magazine. It can only be as good as you make it. I can only put together what you supply for it.

It continues to worry me that trips and cave visitation are not recorded in CEGSA's records. It is one of the constituted aims of the group that we record information about caves. The visitation to caves is part of the history of those caves and should be recorded so, as I said last year – "Please write a report for the NEWS at least, as that provides a record of both what the Group is doing, and also a record of cave usage".

No other publications were produced this year.

Athol Jackson.

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SAFETY and TRAINING REPORT

Having accepted the position of Training Officer at the February AGM, 1999 was a year of consolidation and planning towards 2000. No structured training was offered to CEGSA members during the year.

However, I attended a number of courses in an effort to improve my own knowledge;

- | | |
|--|-------------------------------|
| • Rope Rescue (AFAC Module 1.25) | Fire & Rescue Australia |
| • Low Angle Stretcher Rescue | Fire & Rescue Australia |
| • Recreation Industry Trainer Category 1 | TAFE SA |
| • Recreation Industry Assessor | TAFE SA |
| • Vertical Rescue Instructors Workshop | State Emergency Service (SES) |

Plus, in an effort to keep abreast of current developments in the State and National training scene I joined the Outdoor Recreation Council of SA (ORCSA). While at the same time, I undertook a number of informal discussions about the direction CEGSA training could and/or should take.

At the October Committee Meeting I accepted the combined role of (CEGSA) SAFETY AND TRAINING OFFICER.

Simon Kendrick

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MEMBERSHIP REPORT

	1996	1997	1998	1999
Honorary Life Members	12	12	12	12
Full Members	51	51	47	47
Long-term Associate members	4	1	1	0
Associate members	20	19	10	13
Total individual members	87	83	70	72
Family memberships	2	3	6	9
Newsletter Subscribers	1	1	0	0
Newsletter Exchange	39	41	38	38
Newsletter Gifts	12	12	13	12
Newsletter Advertisers	4	2	3	3
Total	145	142	130	134

June MacLucas.

EQUIPMENT REPORT

There were no equipment purchases during the year and the club equipment continues to be under utilised. This is, I believe, the result of a number of contributing factors;

- High levels of personal equipment ownership within CEGSA
- Low numbers of new members
- A lack of training workshops offered to members
- A preference by some members to independently source equipment, rather than hire Club equipment.

Following the resignation of our previous Quarter Master, Mark Sefton, club equipment has been moved to Norwood and this should prove to be a more central and convenient location to pick up and return equipment.

I hope that an increase in training workshops and a small increase in new members will see a marked increase in the utilisation of club equipment.

Simon Kendrick

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KEYHOLDERS REPORT

As KEY HOLDER, I hold keys for a limited number of caves in the Flinders Ranges Karst region. Keys for 5Y1, 5A5 and 5A25 are held by other CEGSA members, while keys for caves are also held by other Land Owners, or Land Managers (and not included in this report). To the best of my knowledge there were no problems with booking, collecting or returning the keys outlined above. Using the Scout Outdoor Centre as a focal point again proved convenient for all parties. The construction of a new belay point at the entrance of Mairs Cave 5F3, by Michael Caruana has vastly improved the safety of this (vertical) entrance and it deserves far greater patronage by CEGSA members.

Following is a list of the usage of the keys for 1999.

RECEIPT #	DATE	USER	CAVES	INCOME
51	26/02/99	Simon Kendrick	F7	\$ 5.00
52	26/02/99	Nugget Chapman	F3, F4	\$10.00
53	01/04/99	FUSSI	F3, F4, Eyrie	\$ 5.00
55	21/04/99	Michael Caruana	F3, F4 (working bee)	-
56	28/04/99	CEGSA - Frank Hankinson	F3, F4, F7	\$15.00
57	13/05/99	Westcare – Michael	F3, F4, F7	\$15.00
58	24/06/99	Westcare – Michael	F3, F4, F7	\$15.00
59	01/07/99	Westcare – Nicky	F3, F4, F7	\$15.00
60	12/07/99	FUSSI – Kirsty	F3, F4, Eyrie	\$10.00
61	23/07/99	Westcare – Michael	F3, F4, F7	\$15.00
62	19/08/99	Westcare – Bart	F3, F4, F7	\$15.00
63	22/09/99	FUSSI	Eyrie	-
64	30/09/99	CAVEX – Geoff	F3, F4, F7	\$15.00
65	09/10/99	BCS Adventure Breaks – Michael	F3, F4, F7	\$15.00
66	02/08/99	Simon Kendrick	F3	\$ 5.00
TOTAL 1999				\$155.00

Simon Kendrick

RESEARCH OFFICERS REPORT

In 1999 there was continuing progress for many of the activities below. Of note there has been a significant increase in the level of cave exploration throughout the State, and major research projects include the 'Bat Count Project' (supported by the National Parks Foundation of SA) and the ongoing search for fossils in the Upper and Lower SE.

Don't forget to get in touch with the project coordinators if you want to participate in a project, or contact the committee if you wish to develop a project of your own.

Surveying

Gary Woodcock	Naracoorte	Vic Fossil Cave	Updating old survey to aid exploration
Steve Milner	Naracoorte	Blackberry Cave	ASF grade 5 survey
Mark Sefton	Naracoorte	Misc. Caves	New surveys for the records
Peter Kraehenbuehl	Naracoorte	Fox Cave	New metric survey
Peter Kraehenbuehl	Nullarbor	Misc. Caves	Cave Diving Maps

Exploration

Graham Pilkington	Naracoorte	Vic Fossil Cave	Search for new fossil deposits
Grant Gartrell	Fleurieu Peninsula and Kangaroo Island		Search for new karst features
Graham Pilkington	Nullarbor	6N83	Ongoing exploration & mapping
Graham Pilkington	Yorke Peninsula	Corra-lynn	Ongoing mapping of a 14km system
Steve Milner	Nullarbor	Cliffs	Search for new karst features

Natural History

Terry Reardon	South Australia	Bats	Ongoing research - bats of SA
Ron Simms	South Australia	Cave Crickets	Ongoing research - invertebrates of SA
Neville Pledge	South Australia	Bones	Ongoing research - bone deposits of SA
Ruth Lawrence	Australia	Geomorphology	Ongoing research - Geomorphology
Ruth Lawrence	South East	Publications	Two publications on the SE of SA
Fred Aslin	South East	Geomorphology	Documentation of the Bridgewater / Gambier Interface

Art

June MacLucas	Australia		Development of Art of the Underground
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Indices

Kevin Mott	Upper and Lower South East		Maintenance of existing karst database
Peter Horne	Lower South East (Diving)		Maintenance of existing karst database
Ruth Lawrence	Upper South East		Maintenance of new karst database
Steve Milner	Kangaroo Island		Maintenance of new karst database
Bill Binks	Flinders Ranges		Maintenance of existing karst database
Max Meth	Nullarbor		Maintenance of existing karst database
Peter Kraehenbuehl	Adelaide Hills		Maintenance of existing karst database
Max Meth	Eyre Peninsula		Maintenance of existing karst database
Steve Milner	Karst Index Coordinator (interim)		Coordination of CEGSA database

Technical

Nigel Dobson- Keefe	Electronic Communication	RDF equipment for surveying and rescue
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Special Interest

Frank Hankinson	Search & Rescue	Re-establishment of cave rescue
Gordon Ninnis	Artificial Caves	Development of a nationwide database
Peter Kraehenbuehl	Cave Leadership Standards	Development of skills for cave leadership
Fred Aslin	Newspaper and Magazine Articles	Recording cave-related articles
George MacLucas/ Ray Gibbons/ Graham Pilkington	Modernising CEGSA Records	Bringing the records into the next millennium

Steve Milner.

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SEARCH and RESCUE REPORT

Over the past year a small group has been reviewing the Search and Rescue procedures currently used by CEGSA. This has turned into a mammoth task, involving the restructuring of the whole process.

Currently this work is at the ongoing stage.

Anyone interested in assisting in this process please contact Frank Hankinson.

Frank Hankinson.

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SOUTH AUSTRALIAN SPELEOLOGICAL COUNCIL REPRESENTATIVE REPORT

The major events for 1999 were:

The Australian Speleological Federation, of which the SASC is the recognised State body, has acknowledged that the SASC is independently financed for both revenue and expenditure. This means that the SASC does not form part of any ASF audit.

The Outdoor Recreation Council of South Australia (ORCSA), of which the SASC is a member, is amalgamating with the Recreation Council of South Australia (RCSA).

Town Well Cave, 5Y2, is still closed because the entrance is still unstable.

The SASC has held joint club training for the "ASF Caving Leadership Scheme" and plans to present a common certificate. The training of the assessors has started.

The GPS units now have computer connection cables and software.

Warraweena Cave, 5F10, owned by "Wetlands & Wildlife", is being proposed as a site to be managed in conjunction with the SASC.

The Quorn ASF Conference finances have finally been closed and about \$1300 distributed to the ASF. The large "profit" was because a large number of unexpected late registrations occurred after cost recovery had been budgeted for and then cavers using their own vehicles supplied the extra transport needed. We also received some significant donations.

Graham Pilkington.

TRIP LIAISON REPORT

While there were only 10 'official' CEGSA trips recorded in the log book, the trips recorded at the general meetings tell a different story (see the summary table below). Over 100 different caves were visited, which is nearly twice as many as visited in 1998. Of note, there were 6 different trips out to the Nullarbor in 1999, and there was more interstate activity. Here are some brief statistics by region:

Area	Number of Days in the Field	Different Caves
A - Adelaide	15+	❖
F- Flinders	23	❖❖❖
K – Kangaroo Island	6	❖
L - Lower South East	10	❖❖❖
M - Murray Plains	8	❖
N - Nullarbor	50+	❖❖❖
U - Upper South East	11	❖❖
Y - Yorke Peninsula	5	❖
T - Torrens	3	❖
NSW	4	❖
NT	6	❖❖
TAS	21	❖❖
VIC	2	❖

Legend: ❖ (1 to 5 caves); ❖❖ (6 to 19 caves); ❖❖❖ (20-plus caves)

Please remember that to be covered for Public Liability your trip must be registered as a CEGSA trip before you go. Don't forget that negligence is not covered. Please record your trip with me before you go, give me a call, drop me an email, or leave a message on my answering machine!

Steve Milner.

CAVING ACTIVITIES



ADELAIDE HILLS & FLEURIEU PENINSULA

The work in the Adelaide Hills and Fleurieu Peninsula region has once again focussed mainly on the Sellicks area. With the exception of Sellicks Hill Quarry Cave, 5A20, the predicted major cave systems still elude us, but small breakthroughs in 5A25 and 5A30 help to keep the optimism alive. A micrometeorological study of the airflows in 5A25 and 5A5 is planned for the coming year. It is hoped that this study will enable us to determine whether the two caves are linked underground, and to upgrade current crude air-flow based estimates of predicted cave volume with more precise measurements.

It is pleasing to report for a change that no further attempts have been made to break in to 5A25. It is possible that the extra layer of reinforced concrete added after last year's attempted break in looks like too much hard work. We hope so.

One visit has been made to an interesting area on the lower Fleurieu, where winter rains caused further collapse in a small sinkhole. Any progress in this area is dependent on plenty of manpower for a well planned and committed digging exercise, and may therefore be a few years off, because it is hard finding enough dedicated diggers at present even for 5A25 and 5A30. Volunteers are always welcome.

There is still scope in the region for some surface exploration, and because of its proximity to Adelaide and the effects of population pressure, it is important to catalogue and investigate significant karst features while we still have the opportunity. Housing is being established on limestone strata on the hills overlooking Carrickalinga. One house at the base of those hills several years ago suffered a sudden and significant subsidence of their garden that appeared to be a consequence of collapse into a cavity generated by, or forming part of, natural underground drainage, and resulted in a claim being made against an insurance company. Large cracks observed to be at least several metres deep opened up overnight around a subsidence about eight metres across luckily right next to rather than underneath the footings of a two storey house. A conical doline in a farm paddock in the same band of limestone a kilometre or so to the north is a visible manifestation of karst processes which could indicate future problems for other housing and any as yet undiscovered significant karst features which may lie below. The safe treatment and disposal of effluent from septic tanks is another area of potential conflict that comes to mind.

Correspondence has continued to be exchanged between the State Government and members who were involved with Sellicks Hill Quarry Cave who have been concerned over the Government's lack of progress in implementing the recommendations of the Environment, Resources and Development Committee's report on the matter. Regrettably, the Government seems to be accepting at face value, and with relief that the problem may have been gotten rid of, advice from "a qualified surveyor" that the cave has now been substantially removed by mining. Throughout this matter the Government has demonstrated a preference for clutching at bad advice rather than ferreting out the truth. It only takes a cursory inspection of the site and a proper understanding of the cave survey to establish that significant portions of the known cave could still be intact. Additionally the Government has been repeatedly advised that survey and exploration of the cave system was incomplete at the time further access was denied, so the factual information which would be needed to support the claim attributed to the "qualified surveyor" just does not exist. Cavers look forward to the day when the fact that such caves are out of sight no longer results in shabby, half-baked misrepresentation, and the resource we are attempting to conserve is at least judged in the light of proper, well-informed assessment processes. In the present circumstances it is difficult to form a conclusion other than that those who do not want caves to interfere with mining are afraid of the possible outcome of a proper assessment process, and have at least the tacit support of the Government.

Even so, the Government wants to avoid a repetition of the Quarry Cave debacle and some good may yet come from this episode. One of the problems that the Government found that it was faced with in dealing with this matter was that the Sellicks Hill Quarry has the status of a private mine. The Government has finally legislated to amend an anomaly created when the current Mining Act was passed in 1971. To avoid massive compensation payouts when the new Mining Act reserved minerals under private land to the Crown, the Government largely exempted Private Mines from the provisions

of the Act. This meant that there was little the Government could do about the Sellicks Hill Quarry Cave matter under the Mining Act (as distinct from the actions of Minister Wotton in actively preventing any proper assessment of the cave under the provisions of the Heritage Act). The Government has now, with the support of Labor and the Democrats, as well as the Chamber of Mines and Energy, and the Extractive Industries Association, passed the Mining (Private Mines) Amendment Bill, which among other things has the function of requiring proper environmental considerations to be made in the preparation and implementation of mine operations plans for private mines, and gives to the Government the power to enforce compliance should this be necessary. The regulations to accompany this Bill should be in place early in the coming year, and are expected to require operators to consider caves and other items of environmental significance in the preparation of any mine operations plan. It remains to be seen whether operators observe the spirit of this legislation, or alternately are so scared by it that they make sure all future caves are destroyed before they are "discovered". We urge the Government to encourage the former approach by ensuring fair compensation is payable in the rare event that unexpected discoveries of significance necessitate the modification of a mine operations plan.

Grant Gartrell.

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EYRE PENINSULA

Nil report.

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FLINDERS RANGES

Activity in the Flinders region during 1999 was again dominated by exploratory trips in the Wirrealpa–Narrina area. Further work mapping and relocating features was carried out, but new discoveries were scarcer than in previous years. Features found in 1999 were F175, F176, F177, F178 and F180.

In February a trip to the Point Well area began the survey of F172, Sweet J Cave and also visited F170, F171 and F173. The location of Steam Pot (F74) was confirmed by GPS, and the small cave was further explored with assistance from new Flinders recruit Jock Hummer.

An Easter trip from April 1-8 visited the areas of Point Well (finished surveying F172), Narrina Hut (confirmed locations for F18 and F67), Moro Gorge and Gum Creek (Trezona Range). F175, McKinlay's Daughters Cave was found near Moro Gorge and F176 and F177 were found in the hills around Arrowie Gorge. The location of F69, Gum Creek Cave was confirmed with GPS.

In May, further exploration of F171 began, with over 100 buckets of dirt and rubble removed to the surface. F178, a small craggy hole near Eregunda Spring was discovered on the trip.

Another trip over the May long weekend was run by Frank Hankinson and Gary Woodcock, to the Bagalowie area, visiting Mairs (F3) and Clara St Dora (F4) Caves.

Warraweena station, on the western fringe of the Flinders was visited over the June long weekend, with the objective of locating F10, Warraweena Cave - the location of which has continued to elude CEGSA records and the property owners. The cave was eventually found and its location accurately recorded. Since the trip, the property owners have consulted with CEGSA members involved in this trip, in developing a management plan for this sensitive cave.

Point Well homestead was visited again over the October long weekend. Digging in F171 continued and an area of promising limestone in the hills north-west of Narrina homestead was walked in search of new caves. No new features were located, but the area shows good potential and appears to be largely unexplored. The stunning scenery of Blinman Pools was appreciated later in this trip. These permanent pools are well worth the several kilometre walk.

A trip in early December returned to F171, where the technique for bucket removal reached a greater level of sophistication. Later in the trip a new feature near Narrina Hut, F180 was discovered and appropriately named Kangaroo Rodeo Cave. The location of F67 was also confirmed by GPS.

Flinders Ranges karst features now total 179 (F179 is not allocated yet). Activity is sure to continue with enthusiasm in the new Millennium.

Bill Binks.

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KANGAROO ISLAND

Despite improved access to the Island with the new Sealink ferry, "Sealion 2000", and the bitumen now close to Kelly Hill, the Island's caves warrant more attention than we have been able to give them again this year. When we do manage to get there, we keep promising ourselves that we won't leave it so long before we return, but despite all the new labour saving devices around us, life just keeps on getting busier. At least we did manage one very productive trip to the Island in June last year in conjunction with members of CAVEX.

Several so far small but interesting holes near 6 Mile Lagoon were briefly examined. Further exploration and survey is planned for a return visit in May. At Kelly Hill, the timely approach of an intense low pressure system caused strong cave breathing which helped us to locate a very promising area for concentrating further exploration effort in the main Kelly Hill system. Current indications are that the known cave still only represents a small fraction of what remains to be found. Much the same comment applies to minor caves southwest of the influx. The scale of development in some of these caves, when coupled with the strength of breezes observed, suggests that the main cave system in this part of the ridge is yet to be located. Considerable effort should be invested in systematic searching for leads if we wish to improve our understanding of this complex system.

Grant Gartrell

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LOWER SOUTH EAST

Caves numbered	13
Features recorded	12
Latest number	L429

Caving activity continues in the South East, albeit quietly with a couple of CEGSA trips to the area early in the year. Further work continued in L412 but more work is required to resolve anomalies in the surveys. A known cave with a tight entrance was entered for the first time and preliminary exploration revealed at least 500m of passage. This cave still needs to be documented. Several trips were run through the area by Peter Horne to show overseas visitors a sample of our karst.

The 13th biennial conference of ACKMA was held in Mount Gambier in April with delegates from across Australia and overseas. Field trips were conducted through both the Upper and Lower South East. Delegates were impressed with what the area has to offer in karst; if not the weather.

Neville has been busy extracting fossil whale material out of the limestone. The find is quite exciting and together with material from L412 should help to provide a better understanding of our past.

A census of bat sites was undertaken in the winter as part of a Wildlife grant. This grant was obtained to determine the status of bat habitat in the region and to get an up to date idea of population numbers. The numbers appear to be declining but the study shows that more detailed research is required to better understand what is happening to the bat population. Part of the problem appears to be that no one is willing to accept responsibility for research or management of the species.

Several training sessions in cave searching with the Mount Gambier SES were conducted during the year. It is anticipated that the sessions may flow on to the Naracoorte CFS in 2000.

Forestry SA have developed a GIS system to manage caves on forestry land. This was triggered by the need to ensure a duty of care to employees under the Occupational Health Safety and Welfare Act. It far surpasses anything caving societies have and provides up to date information on the cave or feature.

A listing of cave nomenclature for the Lower South East was published in Volume 44 No 4 of CEGSA News. Members are encouraged to look at the document and provide feedback on names as it is intended to have the names listed adopted as recognised nomenclature.

Kevin Mott.

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MURRAY PLAINS

The usual caving took place this year to Punyelroo Cave and Gloop Cave.

A trip to three previously noted but undocumented caves/rock shelters containing Aboriginal art was made at the end of 1998. Two trips were made to an area between Swan Reach and Loxton. Six interesting features were noted bringing the M list up to 40. One depression near Swan Reach was excavated from the initial 3.5m to 7m depth down a 1.5m diameter solution pipe.

Graham Pilkington

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NULLARBOR PLAIN

This year the numbering of karst features on the Nullarbor reached 1654 with some significant caves being found.

Many known caves remain unsurveyed so accurate figures are not available. But there are now at least 120 caves over 50m in length with 39 exceeding 200m.

Much work is being done in the field by Paul Devine. He has to date added 122 karst features to our database most with complete descriptions, and most are tagged. Most of the new additions are in Balgair Station and nearby. With many significant caves now being found in this area, the old idea that caves are mainly found in the coastal strip needs at least to be revised. Particularly since the Nullarbor's longest cave N83 is also located in this northern area.

Old Homestead Cave 6N83 surveyed length is currently 26.7km as per Graham Pilkington in CEGSA NEWS vol 44 #4. I recall making the remark to Graham, "We will be old men before this cave is completely surveyed". The occasion was in Sept 1985 when Graham and I were walking along the main passage in the North Cave that we had just entered for the first time. We were walking past many side passages on at least three levels. It was VERY obvious on that first trip that the cave was immensely complex. Events have proved that this is so. Realistically, the cave may never be completely explored because the limits tend to be awkward and difficult to traverse.

In some of new caves being found there is a great diversity of troglobitic fauna. Both in the "traditional" areas of cave fauna on Mundrabilla and Madura stations as well as on Balgair Station. Finds have been made by N Poulter, S M Eberhard and P Devine among others. The report by Stefan Eberhard THE BIOLOGICAL SIGNIFICANCE OF CAVES N46, N327, AND N1327 ON THE NULLARBOR PLAIN commissioned by Norman Poulter of SRGWA contains a detailed account of troglobitic fauna occurring in those three caves.

The TROGLOBITIC species in these caves include:

Amphipods, Isopods, Spiders, Cockroaches, Beetles, Centipedes and a Planthopper.

On Balgair the cave fauna species found include: (per Paul Devine)

Troglobitic Isopods, Spiders, (Janusia ?murri) (Tartarus ?sp), House centipede, Harvestman spiders and Cave crickets.

It hardly needs to be stated that much further work remains to be done on the Nullarbor. Both in finding new caves, and in exploring existing ones, and in detailing the fauna they contain.

Max G Meth.

Old Homestead Cave 6N83

Two trips were made to Old Homestead Cave. The first of 4 days duration and the second lasting 7 days. Both trips concentrated on surveying in the south end of the Officers Mess. About 1.4 km was added to the survey bringing OHC to 28.0 km surveyed. Known but unsurveyed passage increased from about 2 km to 2.2 km.

Graham Pilkington

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TORRENS

This is a new caving area designated late this year to the Andamooka Limestone. It covers the area north of Andamooka from just east of Lake Torrens across the top of the lake, including some "islands", and across to west of Roxby Downs. So far we have one cave (5T1) which is 10.8m deep with about 30m of passage. Other karst features abound, especially just north of Lake Torrens.

Graham Pilkington

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UPPER SOUTH EAST

Caves numbered 13
Features recorded 8
Latest number U180

Vineyard development in the Naracoorte area continues to unearth more caves with some providing quite valuable palaeontological specimens. These are keeping Liz and Steve on their toes. There are reports of 4-5 other caves in the Upper South East but no documentation has been provided to enable them to be included in the system.

The ACKMA conference in April visited the Naracoorte area on several occasions with delegates very impressed by the Naracoorte developments. Carter's property has been redeveloped as accommodation for research groups. Groups working in the area now have access to excellent working facilities in the heart of the caves.

The bat census visited caves in the Naracoorte area in June. The only caves containing bats on the survey were those located on the Reserve. Several new caves were located in the Avenue Range area. Participants were surprised to learn that there were caves and the potential for more caves in an area they did not know about. Says something about trip programs and training doesn't it.

Kevin Mott.

YORKE PENINSULA

Most Corra Lynn trips were for beginners or for fun. One day was the CEGSA BBQ which had a large attendance and was enjoyed by all, even if some beginners were a bit sore the next day. There were only 8 registered trips to Corra Lynn Cave during the year. Maybe there were fewer cavers having fun this year? The organisational split was as follows:

Scouts	4
CEGSA	3
South Siders	1

Town Well Cave is still closed because part of the fill around the surface shoring collapsed into the cave over two years ago. The SA Speleological Council has made no progress in enabling cave access.

Graham Pilkington.

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INTERSTATE

Caving interstate was a little quieter this year than in previous years. June started the year off with a trip in January to the 22 Biennial ASF Conference in Chillagoe Queensland. Whilst at the Conference June presented a paper titled Speleo Art Down Under. She also attended a number of presentations and visited a few caves in the area, 4J-8 and 4J-7.

During their Easter Trip to the Lower South East, Dave Glowacki, Linda Deer, Fred Aslin, Amanda Grindley and Marie Choi, visited a number of yet un-numbered features in the Drik Drik area, and assisted Fred with the surveys of these caves.

July saw Simon Kendrick and Linda Deer run a trip to Bat Ridge in Victoria to visit a number of caves. This trip included a number of visitors who have since become members.

In July, June and George MacLucas and Mark Sefton attended a trip to Bullita cave within Gregory National Park and were suitably impressed with it.

Marie Choi.

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OVERSEAS

1999 was an active year for CEGSA members overseas, which included 4 of our members getting married. First we had Damian (the Pom) and Amanda Who were married in January, in America, then Max Meth tied the knot in the Philippines and that was followed by Pams wedding to Tim in June, whilst they were in America.

Damian Grindley has been active with The San Francisco Bay Chapter Caving grotto, he has been on a number of trips to the Sequoia National park working on both Mayes cave and Lilburn cave, Amanda has also been involved in a number of these trips. Pom has also been to Millerton lake Cave on a few occasions which is also in California. They were joined by me in July where I visited the above-mentioned caves before heading to the NSS Conference in Idaho. Here we met up with people who had recently been in South Australia at the ACKMA conference. We all visited a number of Lava Caves in the Craters of the Moons National Park. Damian and I also gave a slide presentation of Australian caves covering: Mole Creek, Byaduk, Mt Eccles, Lower and Upper South East, Flinders, York Peninsula, Nullarbor and Margaret River.

Damian has also recently completed a trip into Lechuguilla Cave as part of the Lechuguilla Exploration and Research Network (LEARN) Restoration and Conservation Expedition in December 1999. We can look forward to reading his trip report about how he got on that one.

Pams activities in America have been more revolved around sight seeing and I believe Pam and Tim have been making the most of it whilst there. If you would like to follow their travels then check out their web site at <http://users.erols.com/tpayne/>. My last report from Pam was that they are due back any day now.

Max has been keeping himself busy in the Philippines, by getting married and caving. He has also managed to keep on top of what's happening on the Nullarbor.

Ken Smith went caving while on a visit to South Africa.

We also had Steve Milner away for a few weeks on a British expedition to Vietnam. Steve gave an excellent slide presentation at a CEGSA meeting about this trip and the discoveries that were made.

So an active year overseas, let's hope this coming year will be as active.

Marie Choi.

FINANCIAL STATEMENTS



INCOME AND EXPENDITURE STATEMENT**Cave Exploration Group SA Inc**Period ending 31st December 1999 (Cash Basis)

	1999	1998
INCOME		
Full Membership (CEGSA)	720.00	1093.50
Full Membership (Country)	309.00	290.00
Associate Membership	162.95	238.90
Family Membership	360.00	332.00
ASF Levy & Insurance Levy	990.75	1425.25
Key Hire (Only Corra Lynn)	45.00	295.00
Equipment Hire	210.00	95.00
Donations:		
Other	184.10	219.90
Teddy Raffle	150.00	
Advertising in CEGSA NEWS	800.00	450.00
Sale of Publications, Occasional Papers		
Stickers, Badges, maps and excess Library books	333.00	102.00
Bank Interest	112.91	117.96
General Meeting Room/Suppers	276.00	176.10
Membership cards – Printed		27.50
Sundries:		
AGM – Hackney Hotel	40.50	101.45
CEGSA Auction		345.00
Sale of batteries	80.00	
BBQ at Corra Lynn	62.50	
Other	2.00	43.00
TOTAL OPERATING INCOME	4838.71	5352.56
Extraordinary Items		
Grant National Parks Foundation of SA Inc - Bat Research	1000.00	
SAUSS - Closure		430.99
TOTAL INCOME	5838.71	5783.55
EXPENDITURE		
CEGSA News/Printing/Stationery/Postage	1540.70	1873.30
ASF Levy & Insurance	1265.00	1348.50
Aust Post Box Rental	82.00	78.00
Telephone Directory Listing	120.00	
Library Books Purchase & Expenses	173.60	278.04
Records Expenses	91.05	159.52
Treasurer Expenses	16.00	31.20
Secretary Expenses		22.30
Stationery	46.35	
Subscriptions / M/Ships (see Notes: Annual Items)	285.59	263.67
General Meeting – Suppers	87.15	216.22
ASF Representative Costs	150.00	150.00
Equipment Purchases		35.40
Bank Charges Gov.Tax & FID	22.35	23.57
Sundries		439.25
Other		
Snake Talk	120.00	
TOTAL OPERATING EXPENSES	3999.79	4918.97
OPERATING SURPLUS (DEFICIT)	838.92	433.59
Extraordinary Items		
Bat Research	500.00	
Annual Surplus / (Deficit)	1338.92	433.59

BALANCE SHEET**Cave Exploration Group SA Inc.**As at 31st December 1999 – Cash Basis**ASSETS****CURRENT**

Cash at Bank

Petty Cash on Hand

TOTAL**1999****1998**

General Account	3514.57	10675.70
Long Term Investment	8000.00	
		100.00
Treasurer	20.00	20.00
	<u>11534.57</u>	<u>10795.70</u>

LIABILITIES**CURRENT**Accumulated Membership Fund
Surplus/ (Deficit) from years activity**TOTAL**

	10195.65	10362.11
	1338.92	433.59
	<u>11534.57</u>	<u>10795.70</u>

A. G. Jevons. MNIA
Honorary Auditor

29 January 2000

SALEABLE ITEMS, STOCK ON HANDAs at 31st December 1999 (at Committee valuation)**BADGES**

Enamel	40 @ \$5 each	\$200	
Cloth	26 @ \$4 each	<u>\$104</u>	\$304.00

STICKERS

Sheets	116 @ \$3.50 each	\$406	
Single Large	21 @ \$1.50 each	\$ 31.50	
Single Medium	NIL		
Single Small	5 @ \$0.25 each	<u>\$ 1.25</u>	\$438.75

LIBRARY

Occasional Paper No 4	16 @ \$6 each	\$ 96	
Occasional Paper No 5	17 @ \$6 each	\$102	
Occasional Paper No 6	38 @ \$8 each	\$304	
Speleovision (14 th ASF Conference)			
Proceedings	14 @ \$12 each	<u>\$168</u>	<u>\$670.00</u>

TOTAL\$1,412.75

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).

PERIODIC EXPENDITURE STATEMENT

For year ending 31st December 1999

ANNUAL ITEMS

Telstra White Pages	\$60.00
SA Speleological Council Membership	\$50.00
Helictite Subscription	\$20.00
Australian Post Box Rental	\$82.00
Spectrum Management Agency Radio Licence	\$30.00
Underground Photographer (England)	\$60.23
Friends of the Flinders National Park	\$10.00
Cave Radio and Electronics. (England)	\$55.36
Australian Cave & Karst Management Membership	<u>\$40.00</u>
TOTAL	\$407.59

YEAR 2000 CEGSA MEMBERSHIP FEES

FULL MEMBERSHIP	\$37
COUNTRY MEMBERSHIP	\$32
ASSOCIATE MEMBER	\$30
COUNTRY ASSOCIATE MEMBER	\$25
LONG TERM ASSOCIATE	\$37

VARIATION FOR FAMILY MEMBERSHIP

- 1) 1ST FULL MEMBER \$37+2ND FULL MEMBER \$37
= \$74 LESS \$20 FOR ONLY ONE NEWSLETTER = \$54
- 2) 1ST FULL MEMBER \$37+2ND ASSOC MEMBER
\$30 = \$67 LESS \$20 FOR ONLY ONE
NEWSLETTER = \$47

CEGSA MEMBERSHIP DOES NOT INCLUDE ASF FEES. YOU MUST PAY THE APPROPRIATE AMOUNT LISTED BELOW AS WELL AS CEGSA MEMBERSHIP FEES.

AUSTRALIAN SPELEOLOGICAL FEDERATION (ASF) FEES FOR YEAR 2000 (INCLUDES INSURANCE)

INDIVIDUAL = FULL/ASSOCIATE/LIFE MEMBERSHIP	\$24.50
FAMILY MEMBERSHIP	\$42.00
STUDENT MEMBERSHIP	\$17.50
FIRST YEAR MEMBERS (Includes "Australian Caver")	\$24.50
FIRST YEAR MEMBERS (without "Australian Caver")	\$ 5.00

TREASURERS' STATEMENT

The above Income and Expenditure Statement Balance Sheet and other statements are a record of the activities of CEGSA for the year ending 31st December 1999.

By the end of December 1998 eleven members had paid their membership in advance for 1999, boosting the coffers nicely. But at the end of December 1999 only one had paid for the year 2000. I trust this does not mean we will have a lean year. Unfortunately in the last 12 months we seem to be down a few long standing Full Members and for a while we had only one Associate Member. Fortunately, we managed to pick up a few late Associates and to save costs, some Full Members joined together as Family Members. We also had an increase in Country Members that include new members from Mt Gambier, S.A. Moe, Victoria and Kalgoorlie, Western Australia.

In spite of a great effort made by some members to help raise a little extra towards our overhead, we are still not fully self supporting. If it were not for these members, that include Marie Choi and her Teddy Bear Raffle (to be set aside for restoration purposes,) and her sale of batteries (towards costs of the interesting Reptile lecture) plus CEGSA sale of excess library books and donations by several venture groups, we would be in a pickle. At the moment our saving grace is our largest income after Membership, **Advertising in CEGSA NEWS** (which is our largest expense.) Without advertising we are far from being self supportive. **So to make sure that these advertisements continue, please visit these "outlets", shop for your caving and camera gear at these Stores and make it work for you, them and CEGSA.**

To help cover some of these running costs, at a Committee Meeting held on the 11th November 1998 it was suggested that all Membership fees increased by \$5 per member. It was then suggested that the fees be automatically increased by \$1 per year to accommodate potentially looming running expenses. It was then brought forward at a General Meeting dated 27th January 1999 and voted "in" by members. Therefore the extra \$1 has been added to each membership category for 2000.

According to the Financial Statement for 1999 and the proposed budget for year 2000 this will hardly be substantial towards being self supporting and I suggest that we all get together in the near future regarding this matter and come up with something more substantial.

Since the proposed budget for 2000 was handed in, the costs of overseas postage has increased significantly. There is no longer the cheaper mail service of "sea mail" for letters, only for parcels. All mail will go via Airmail and of course at an extra costs. This means that the overseas CEGSA NEWS and the ANNUAL REPORT will cost from \$4.50 for 250g up to \$9 for 500g each. We exchange magazines with 12 overseas clubs.

A transfer of \$8,000 was made from CEGSA General Account to Savings & Loans Credit Union (SA) Ltd., as an investment put into a 12 months "High Riser" Account. We receive an overall 5.28% per year.

Congratulations must go to Kevin Mott and Fred Aslin who shared a Grant for \$1,000 deposited in CEGSA account by National Parks Foundation of South Australia Inc to go towards their bat research in the Lower South East.

Earlier in the year an investigation into printed Membership Cards proved to be far too expensive and it was decided that Athol Jackson would print out the cards and they could then be sealed in plastic sleeves and run through a laminator. This proved to be effective, simple and almost cost free and will be adopted as a regular system of maintaining an ID card for CEGSA Full Members.

FEES ARE NOW DUE. It would be appreciated if all members could pay their fees as soon as possible, remember to include ASF fees.

**JUNE MACLUCAS
TREASURER & MEMBERSHIP OFFICER**

MEMBERSHIP

and

MAILING LISTS



MEMBERSHIP LIST

CL	ASLIN Fred	6401	08-8725-1233			
	29 Elizabeth Street		MOUNT GAMBIER	SA	5290	
F	BAKKER Joyce	5801				
	4 St Annes Flats, Chopin Road		SOMERTON	SA	5044	
A	BARRETT Corey Lee	9910	8346-7250			
Fam	U3/181 Coglin Street		BROMPTON	SA	5007	
CF	BINKS Bill	9412	08-8762-2897 (W) 08-8762-9177			
	PO Box 618 14 Grove		NARACOORTE	SA	5271	
			binks.bill@saugov.sa.gov.au (M) 0427-852-628			
A	BOWEY David	9715	8271-8910 (W) 8271-8910			
	23 Torrens Street		NETHERBY	SA	5062	
A	BULGAR Rebecca	9912	8270-2618			
	10 Corro Street		ABERFOYLE PARK	SA	5159	
A	CARUANA Michael	9716	8277-7627 (W) 8231-3762			
Fam	(with Nicky Trenorden)		BCS Adventure Breaks			
	212 Wright Street		ADELAIDE	SA	5000	
F	CHOI Marie	9408	8322-0895 (W) 8326-1777 (MH) 0429-696-299			
	75 Capella Drive,		HALLETT COVE	SA	5158	
			battymariec@picknowl.com.au (MW) 0428-810-010			
A	COLHOUN Tracy	9309	8331-3750			
	1 Hall Street		NORWOOD	SA	5067	
F	DEER Linda	9905	8396-5386			
	6 Amethyst Cres.		HOPE VALLEY	SA	5090	
			spelunkt@yahoo.com.au			
CF	DEVINE Paul	9906	08-9021-6244 (W) 0419-934-988			
	PO Box 458		KALGOORLIE	WA	6430	
			pddevine.kal@bigpond.com			
F	DOBSON-KEEFFE Nigel	8821	8336-5895 (W) 8282-8501			
	10 Pope Street		NEWTON	SA	5074	
			ndk@camtech.net.au			
A	FLETCHER Daniel	9911	8270-2618			
	10 Corro Street		ABERFOYLE PARK	SA	5159	
L	GARTRELL Grant	6301	08-8556-9100			
	PO Box 27		MT COMPASS	SA	5210	
			bluebree@dove.net.au			
F	GHEUDE Jules	9504	8342-9025 (W) 8282-3829			
	2/5 Kintore Avenue		PROSPECT	SA	5082	
			jgheude@pickknowl.com.au			
F	GIBBONS Ray	9403	8258-9847 (W) 8258-9847			
	9 Cuthbert Avenue		SALISBURY EAST	SA	5109	
CF	GLOWACKI Dave	9510	08-8762-1463 (W) 018-474-096			
	PO Box 1060		NARACOORTE	SA	5271	
CF	GRIMES Ken	9106	03-5573-4503 (W) 03-5573-4503			
	PO Box 362		HAMILTON	VIC	3300	
			ken-grimes@h140.aone.net.au			
CF	GRIMES Janeen	9107	03-5573-4503			
	PO Box 362		HAMILTON	VIC	3300	
F	GRINDLEY Damian	9610	q			
fam	PO Box 1014		SOLEDAD	CA	93960	USA
A	GRINDLEY Amanda	9714				
fam	PO Box 1014		SOLEDAD	CA	93960	USA
F	HALES Chris	8403	08-8524-4796			
	PO Box 440 4 Barossa Court		LYNDOCH	SA	5351	
CF	HALL Max	9308	08-9039-3453 (W) 08-9039-3453 (F) 08 9039 3217			
	PO Box 496		ESPERANCE	WA	6450	

CL	HAMILTON-SMITH Elery	5506 (W) 03-9489-7785			
	PO Box 36	CARLTON SOUTH	VIC	3053	
		elery@melb.alexia.net.au			
F	HANKINSON Frank	9404 8322-4300 (W) 8277-1711			
	7 St Helens Court	WOODCROFT	SA	5162	
		speleospice@telstra.easymail.com.au			
F	HARPER Paul	8802 8270-2359 (W) 8222-5615			
	17 Campus Drive	ABERFOYLE PARK	SA	5159	
		pharper@mail.rah.sa.gov.au			
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	
		ppuddles@adelaide.dialix.com.au			
F	HUBYCZ Anne-Marie	9419 8384-4508			
	9 Nepal Street	HILLCREST	SA	5086	
		AnneMarie.Hubycz@Saugov.sa			
L	JACKSON Athol	5701 8337-8759			
	6 Hudson Avenue	ROSTREVOR	SA	5073	
		atholjax@senet.com.au			
F	JANSEN Bart	8806 8383-7111			
	PO Box 174	KANGARILLA	SA	5157	
		bart@mmal.com.au			
F	JEVONS Alan	8602 8338-7050			
	PO Box 301	FULLARTON	SA	5063	
		alan@box.net.au			
F	KENDRICK Simon	8611 8331-3750 (W) 8223-5544			
	1 Hall Street	NORWOOD	SA	5067	
		soc@scoutnet.net.au (F) 8223-5347			
A	KNAP Sheree	9908 8351-2502			
fam	465 Marion Road	SOUTH PLYMPTON	SA	5038	
fam	KNAP Jason				
fam	KNAP Jessica				
F	KRAEHENBUEHL Peter	8407 8278-4531			
fam	71 Sheoak Road	BELAIR	SA	5052	
		krunchy@bigpond.com			
F	KRAEHENBUEHL Janine	9301 8278-4531 (W) 8278-5477			
fam	71 Sheoak Road	BELAIR	SA	5052	
CF	LAWRENCE Ruth	9208 03-5442-1425 (W) 03-5444-7907			
	23 Horace Street	BENDIGO	VIC	3550	
		r.lawrence@bendigo.latrobe.edu.au (F) 03-5444-7800			
L	LEWIS Ian	6701 03-9395-1008 (W) 03-9243-3217			
	PO Box 2134	WERRIBEE	VIC	3030	
CF	LOWE Dave	9413 08-8952-1446			
	57/111 Bloomfield Street	ALICE SPRINGS	NT	870	
		catdgl@ozemail.com.au			
A	MacKENZIE Daniel	2001 8383-6235 (W) 041-356-6616			
	PO Box 73	KANGARILLA	SA	5157	
F	MACLUCAS June	9209 8261-4180			
Fam	11 Gulfview Parade	VALLEY VIEW	SA	5093	
F	MACLUCAS George	8004 8261-4180 (W) 8303-0209 (F) 8303-0211			
Fam	11 Gulfview Parade	VALLEY VIEW	SA	5093	
		maclucas.george@saugov.sa.gov.au (M) 0417-808-196			
Fam	MACLUCAS Aaron				

CF	MATTHEWS Spot	9901	03-5126-1854			
Fam	6A Vale Street		MOE		VIC	3825
CF	MATTHEWS Jude	9902	03-5126-1854			
Fam	6A Vale Street		MOE		VIC	3825
CL	METH Max	7101	08-8625-2700			
	PO Box 622	1 Morris Ave.	CEDUNA		SA	5690
			maxmeth@arcom.com.au (temp email Padilla@pacific.net.ph)			
A	MICHAELS Diana	9808	8346-3631 (sister Rita)			
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