



**Cave Exploration Group
(South Australia) Inc.**

C/O SOUTH AUSTRALIAN MUSEUM, NORTH TERRACE, ADELAIDE.

ANNUAL REPORT 1978-79

**TWENTY THIRD ANNUAL REPORT to be presented to
the Annual General Meeting on Wednesday,
28th of February 1979 at the
Museum Lecture Rooms - North Terrace,
Adelaide at 8.00 p.m.**

**CAVE EXPLORATION GROUP (SOUTH AUSTRALIA) INC.
TWENTY THIRD ANNUAL REPORT**

1978 - 1979

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PRESIDENT's REPORT

Ladies and Gentlemen,

I have much pleasure in presenting to you, the Twenty Third Annual Report of the Cave Exploration Group (South Australia) Inc. The many and varied activities of the group during the previous 12 months are well documented in this report and make most interesting reading.

For most of the year, work has proceeded with the organisation of the third Cave Tourism and Management Conference, to be held in Mt. Gambier from 30th April to 4th May, 1979. This conference is jointly sponsored by the Australian Speleological Federation and the National Parks and Wildlife Services of S.A. The actual organisation of the conference, however, is the responsibility of CEGSA.

The first conference was held at Jenolan, N.S.W., the second in Hobart, Tasmania, consequently participants in the next conference will have the opportunity of studying the greatly different cave forms present in the South East of the State, as well as how they are managed. Several field trips are planned, one of which will be to Naracoorte Caves Reserve to inspect the tourist caves, especially the revamped Victoria Fossil Cave and the newly completed Information Centre, which displays fossil bones, caving activities and the various stages of cave formation.

Communication by letter, telephone and actual meetings have occurred at various times throughout the year between CEGSA and the Museum regarding the formation of an enlarged version of the long established body known as "The Friends of the S.A. Museum". This enlarged body would consist of all the various Societies who have some connection with the Museum and use the Museum's Lecture room. The present position is that a constitution for the new body has been drafted (our Public Officer, Graham Pilkington, has made a significant contribution to this draft) which has been submitted to the Museum for comments and hopefully, approval. The aims of this new body, include the promotion of individual Societies through concerted action by the "New Friends", assistance from the Museum in setting up displays in the Museum of individual Societies activities and the publication by the Museum of a periodical which will include news and articles from individual Societies.

In the previous President's Report, I expressed concern over damage to caves and the need to protect caves and their contents by adequate gating. However, a very recent incident suggests that even adequate gating is not always an effective deterrent. I refer to a party of interstate cave divers who broke into Tantanoola Lake Cave, leaving the new gate and concrete surround in pieces. Fortunately, they were caught and heavily fined. I hope the fines will be a more effective deterrent than the gate was. The culprits excused themselves by admitting they did not realise when they broke into the cave that they were damaging National Parks and Wildlife Service property. The Judge was unimpressed and rightly so. It has been a long struggle. This cave has been broken into with monotonous frequency over many years, but now, with the successful outcome of this latest incident, it is to be hoped that this, and indeed all other caves, will in future receive the regard and protection they deserve.

An alternative method for protecting caves, is to educate those who may enter them, into behaving responsibly. I had an opportunity to do just this at the end of 1978, when I assisted local cavers in guiding parties of Venturers through some of the caves at Naracoorte. I used the occasion to show these teenagers examples of vandalism to be found there and also described how even apparently minor features within a cave can often be of vital importance, not only in research, but also to the cave itself. Every opportunity should be taken to use such occasions to educate the public into regarding caves as being rare, priceless and irreplaceable assets, which must be preserved for future generations to enjoy.

I take this opportunity of thanking the Committee for all the hard and often unrewarding work it has performed during the past year and to also thank the Committee and the Members generally for the support they have provided me during this time.

I would like to wish all members a Happy New Year, with plenty of caving trips and other social activities to keep the group active and successful.

ED BAILEY

THE 1978 COMMITTEE

Your Committee for 1978 has been:-

Ed Bailey	President
Graham Pilkington	Vice President and Treasurer
Dot Peisley	Secretary
Kevin Mott	Safety and Training and Quartermaster
Neil Smith	Records
Jim Cundy	Publications
Athol Jackson	ASF Representative
Dale Arnott	Librarian

Representatives

Neville Pledge	S.A. Museum
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Co-opted Position

Terry Reardon	Membership
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Many thanks to Annette Bates for helping out by taking the Minutes at both the Committee and General Meetings.

SECRETARY's REPORT

This year has been a busy one for the Group with many points of interest. Unfortunately it has been necessary to raise fees in all areas and this means increases in membership fees, trip fees and gear hire. Inflation has taken its toll over the past few years and we have to catch up.

Important projects such as the microfilming of records and organising the Cave Tourism Conference are well under way and nearing completion in the case of the microfilming.

Caving activities have been varied with visits to all areas in South Australia plus many interstate trips. This is an encouragement for those newcomers who are not as yet well versed in the many aspects of caving. Other activities included a substantial new find in Alexandra Cave whilst excavations were in progress for the new tourist exit. This has added many metres to the known cave. The Search and Rescue exercise in July was again well attended and a definite improvement in techniques could be seen.

The C.E.G.S.A. / V.S.A. Dinner held at the Naracoorte Hotel was once again a great success even though our side was out-numbered. Our lack of success at the numerous games was made up for in enthusiasm and rowdiness. The Annual Dinner held at the Findon Hotel was also a success and well attended. After the eats were dispensed with, some took the opportunity to have a dance in the disco. Awards presented were:

Spirit of Caving	Terry Reardon
Leather Medal	Meredith Reardon (for volunteering to demonstrate an Eskimo roll on an air mattress)
Leather Medal	Max Meth (for being stairer of the year)
Leather Medal	Grant Gartrell (caving footballer of the year)
Stirrers Award	Neil Smith (for agreeing to disagree)

DOT PEISLEY

TREASURER's REPORT

This is the first time the calendar year has been used for the financial year and that the accounts have been tabled by function rather than by number. This enables members to better assess how their money is spent.

When I took up Treasury, I drew up a rough budget for my own use and discovered that the Group was subsidising the general running of the Group by extracting about \$300 from special purpose accounts each year. To enable the special purpose accounts to function as intended, an increase in subscription dues was made this year to \$12.50 Full, \$10.50 Country Full, and \$7.00 Associate including the ASF levy of \$3.50 for Full Members.

In 1979 I will produce a Budget for GM approval so that members will know in advance how much and on what they can allocate money.

Influential news from the year includes changing to bulk mailing and A4 envelopes for the Newsletter - a yearly saving of \$100.00; equipment is now paid for by time-of-possession and IRRESPECTIVE OF ACTUAL USE; there is a flat fee for the Naracoorte Hut independent of the number of users; and under our new Social sub-committee chaired by Meredith Reardon, we actually made a profit this year on social activities!

GRAHAM PILKINGTON

Treasurer

PUBLICATIONS REPORT

It has been another highly successful year for the Newsletter. However all the credit is yours! Not once have I had to push people to write up their trip reports nor have I had to clamour for more articles. There has always been a good supply of material and a wide variety from Ed's cartoons to the Technical articles, from comedy to trip reports. In fact the situation was so good that I had to exercise my duty as Editor to keep the Newsletter down to a respectable size.

As always Jan Peterson has proved to be worth her weight in gold, she has often worked late into the night and the quality of her typing is always excellent. As for the quantity; just try typing out a Newsletter and see how long it takes. Many many thanks Jan!

Thanks also to Peter Hocknell who has printed the covers on behalf of the Subterranean Foundation, they have always been of the highest quality.

Although there were no Occasional Papers this year I have heard **rumours** of three possible ones for the future.

JIM CUNDY

RECORDS REPORT

1978 has been a year of consolidation for Records. As in the past few years, the focus has been mainly on maps although the rate of reproduction of new maps has slowed somewhat. Perhaps the most notable contribution has been Graham Pilkington's silhouette map of Corra-Lynn. Cave at 1:1000, employing three superimposed sheets. The important features of CEGSA's standard A2-size mapping system have been outlined in a two-part article in the Newsletter; it is hoped that this may stimulate surveying and mapping activity by some of the group's newer members.

The second half of the year saw several get-togethers billed as “caving fun nights” for the purpose of “tidying up” the large number of “almost finished” cave maps prior to getting all the maps microfilmed. For the two hundred non-A2 (mostly old) maps this consisted simply of drafting in the recently adopted sequence numbers; other changes were often needed to the newer A2 maps to make them comply with the new standards. The result is that we now have 143 A2 and 201 non-A2 maps committed to microfilm. This not only provides us with a compact reproducible copy but makes it a simple matter to change map scales and to project maps onto a screen during meetings and talks. Twenty maps were insufficiently complete to justify microfilming at this stage (and will provide headaches to future Records Officers unless the draftsmen do something about them!)

Hopefully, with the maps now in a fairly tidy state, future records work will be concentrated on cataloguing and cross-referencing the large amount of written information in the group's possession.

NEIL SMITH

PHOTOGRAPHIC RECORDS

The photographic records have continued to grow and now totals about 500 photographs. The majority of these photos are Black and White and of cave entrances. However a lack of time and money has prevented these being printed.

All relevant information is recorded and the negatives are numbered and safely stored.

JIM CUNDY

SOCIAL AND FUNDRAISING REPORT

Again it has been a quiet year for social events. The pool party in March was a novelty but was not a very well attended gathering and so we over-catered for those who should have been there. In future people could think about boosting numbers by bringing friends.

The CEGSA / VSA Dinner was successful but it made a loss. Perhaps we should seriously think about covering all functions with worthwhile raffles to cover expenses.

The finale was a dinner at the Findon Hotel where the Fiesta Villa Discoteque was available to those who desired it. This function was well attended and made a profit of almost \$50.00. Perhaps in 1979 we could combine success, good numbers of people and financial stability at our functions.

MEREDITH REARDON

MEMBERSHIP REPORT

The overall financial membership of CEGSA for this year was well down on last year - it is disappointing that such a large number (15 Full and Associates) did not renew their membership from the previous year. We had 14 new Associates and 1 Full member join the club with one associate successfully applying for Full membership.

Early in the year, our Newsletter was registered for postage as Category B, which meant a considerable cost saving in postage. CEGSA Newsletter envelopes were printed making the Newsletter a very professional package.

Membership cards will be issued to all members next year. There has been in the past, criticism of the behaviour of some "CEGSA members" by landowners and N.P.W.S. officers. Further investigation reveals that these offending individuals are probably not CEGSA members at all. These cards will help landowners etc. identify cavers and if CEGSA members are not towing the line the club will have to take responsibility and take the appropriate action.

Another first this year was the commencement of introductory trips. These were designed for the newer caver to have the opportunity of going on a non-work type trip with the view of being introduced to a cave or caving area and learning something about speleology. Five trips were run; Carrickalinga by Neil Smith was a successful day trip with a good turnout; Graham Pilkington's trip to Corra-Lynn was a bit short of numbers; and my trip to Swan Reach, Buckalowie, and Naracoorte, were well attended.

I would like to see more trips of this type run in the future; experienced Full members should feel responsible for setting aside a weekend to run a trip for the newer members.

A few CEGSA T-shirts were printed and sold, the "S.A. cavers go in deeper" raised a few eyebrows.

I hope that sometime next year an Information Kit will be available. This will serve as a handout to interested parties and to new members to understand CEGSA and get involved in its activities quickly. It will consist of the Clubs Rules; ASF Code of Ethics; general Club history and information; reading references; and a handbook of caving.

Finally I would like to thank Peter Hocknell for his time and energies, his generosity has put the various printing matters into the realms of possibility for the Club, and to the Committee members for their help in my first year on Committee.

TERRY REARDON

	1975	1976	1977	1978	1979
Honorary Life Members	7	8	8	10	10
Full Members	47	45	48	49	37
Associate Members	47	33	44	53	41
Hon. Associate Members	5	5	-	2	-
	106	91	100	114	88

SAFETY AND TRAINING REPORT

Once again the exercise held in July 1978 showed that everyone knows all about first aid until they have to administer it. Perhaps at the exercise those bothering to attend will have undertaken a first aid course. Accidents can happen at any time.

There were no field days held as every member of the group appears to know all they need for caving. We can always learn, and techniques always change. Terry ran several introductory trips to acquaint new members with our caves and techniques. Those who attended enjoyed the trips and gained a better appreciation of our caves.

Work started during the year on a booklet giving information on the Group; requirements for membership; and the various skills required for caving.

KEVIN MOTT

LIBRARIAN's REPORT

The updating of the Library which was begun last year has continued. Approximately 70% of the books have now been covered and all of the books have been numbered. Each of the books have been catalogued in numerical order according to the Dale Arnott system.

A number of orange cards have been purchased in anticipation of cataloguing the periodicals.

Other than donations and the usual subscriptions there have been no new additions to the Library.

DALE ARNOTT

EQUIPMENT OFFICER's REPORT

It is pleasing to see that although there has been an increase in usage of the Group's gear it is being returned to the store promptly and in good condition. A store of gear is built up at Naracoorte and it is hoped that people using this gear will record the usage on the card provided. The hut made more habitable by repairing the broken window, laying more lino on the floor and the provision of a couple of tablecloths for the table. Gordon livened the interior by the application of some fresh paint. Cleaning of the gutters has been made easier by the donation of a wooden ladder to the Group. The Bonwick ladder left after the 1977 exercise has been donated to National Parks.

The Group supplied gear to Eucla Police during the extent of Waccon to be used in the event of an emergency. Thankfully it was not needed. In the latter half of the year charges for use of the hut and gear were increased.

KEVIN MOTT

CAVING ACTIVITIES

YORKE PENINSULA REGION

Trips were limited to Corra-Lynn and Town Well Caves this year.

The Town Well trips produced enjoyable abseils and skinned trogs but thanks to Ian Lewis all the lakes have now been dived. The fourth and last was dived this year and drops at 60 deg. to -12m before becoming too narrow to continue. The usual gate lock casualties occurred but this time some bloody person (yes pools of the stuff were around the entrance) tried to lever off the metal tie bar but must have quit before rushing off to hospital.

Corra-Lynn still has its blasted arrows, even that did not remove them. Mud throwing takes the glare off but rarely hid them for long. Hopefully, solvents will be tried next year. The cave was not the only casualty last year, drought made the doline barren and loose. The recent rains have revegetated and stabilised the slopes again, but we can thank Max Meth and George Parker for the repair job. They excavated down to the steps, removed tonnes of rubble from the cave, built steps right up to the doline lip, fenced off areas for regeneration and planted trees and ground cover. The "temporary" toilet was given a concrete floor. Max nearly lived at the place.

A special trip to remove rubbish cleaned up the entrance section. Some caving was done. Approximately 410m of passage was surveyed, 140m of this was discovered this year. Preliminary stratigraphic work to better understand the cave and the relationship between levels produced interesting results, but much more data needs to be gathered.

Introductory trips were led for Scouts and others had the usual mixed reaction from participants.

GRAHAM PILKINGTON

EYRE PENINSULA

Several short trips throughout the year have turned up a number of new caves, mostly near Port Lincoln. These are of limited size and extent reflecting the relatively thin limestone beds local to the area.

Sea caves at Louth Bay were visited but unsuitable tides made exploration difficult.

A 9m pot and a substantial maze type cave are still awaiting exploration. These are located near Elliston on the west coast. East of Sheringa, a short drive on any of the few roads will quickly confirm the potential that still exists for some exciting discoveries in the region. There remains yet a good deal of surveying and drafting to be done in order to catch up on recent discoveries.

JERRY de GRAAF

NULLARBOR

The Nullarbor has been visited on three major occasions and has consequently had a large amount of visitation. The occasions were firstly the ASF Nullarbor Study in May 1978, secondly the pre-Waccon trips and thirdly the post-Waccon trips.

The ASF Nullarbor Study came about as a direct result of an Environmental Protection Authority recommendation. The study team and field trip were organized by Adrian Davey (ASF Conservation Sub-Committee). The team consisted of 10 cavers from around Australia as well as representatives from the W.A. Museum, W.A. National Parks Authority and the W.A. Department of Conservation and Environment. The South Australians involved were Kevin Mott, Ian Lewis and Jim Cundy.

The Study was of the Western Australian Nullarbor and was aimed at a review and analysis of the significant features and resource management status of the Nullarbor Karst; identification of specific resource management problems, and a plan of management for the W.A. Nullarbor. The Study has not as yet been completed although the first report has been submitted. Further work has been done since May 1978; the cleanup of Murra-el-Elevyn Cave and Cocklebidy Cave in January 1979 by a large number of cavers returning from Waccon; and a high grade survey of the Weebubbie Doline and rock piles.

The pre and post Waccon trips were mainly sightseeing and apart from some minor surveying (Madura Cave by Kevin Mott and Easter Extension in Mullamullang by Neil Smith were the main efforts) no speleological work was done. I am very pleased to report that although there were a large number of cavers, for varying times and in varying places on the Nullarbor, there were no obvious signs that the caves had suffered from the numbers. The exception being the 'Coffee and Cream' in Mullamullang, which continues to deteriorate and has suffered greatly in the last 8 months, presumably at the hands of cavers. Police and station managers were also pleased with the cavers behaviour and relations are still excellent.

JIM CUNDY

LOWER SOUTH EAST

The major activity in this area was in the January long weekend (1978) with a trip to Glencoe. Levelling surveys around the entrances to L86 and L15 were completed; Caves L90, L121, L176 were surveyed and maps subsequently drawn. During the year L177 and L178 were surveyed; the latter being undertaken by local cavers. It was during this trip that Monbulla Cave and Wrecked Car Cave were joined. Access to this cave system has altered and as always permission must be obtained. Monbulla was one site used by several students of O'Halloran Hill Technical College for a project on cave surveying. A copy of their report is in the Library.

Tantanoola Lake Cave once again achieved a degree of notoriety. A party of Victorian divers, overdue, caused a full scale call out.

They were apparently alright and had forgotten about the time. In a cave as potentially hazardous as this one such foolishness is costly and inconvenient. Just recently another group were found illegally entering the cave after demolishing the gate. They were subsequently found guilty in the Mount Gambier Court and fined heavily.

KEVIN MOTT

MURRAY PLAINS

This area received little attention this year. The only trips were several introductory trips to Punyelroo Cave. The water level within the cave was noted to be lower than usual. Graffiti is still being applied to the cave as evidenced by several 1978 inscriptions.

KEVIN MOTT

ADELAIDE HILLS REGION

Only two caves in this area were visited in the past year. An introductory trip to Carrickalinga Cave attracted four new members and three visitors, indicating that single-day trips from Adelaide have some appeal to these people.

Several trips to Sellicks Hill Cave have succeeded in tracing the source of an air flow further down the main crevice approximately 30m below the entrance. With further work it should be possible to descend deeper as the air flow indicates a considerable volume of undiscovered passage. At present a choked-off area of the crevice does descend to about 60m. During 1979 it is intended to stabilise the rockpile type entrance to the 30m level, and some of this work has already been done.

MAX METH

FLINDERS RANGES

A large area with very interesting caves, it has not seen much activity this year compared with previous years. The breaking of the drought with good rains have allowed regeneration of the wildflowers and grasses making a visit rewarding for cavers as well as sightseers.

Activity has been centred around Buckalowie and the Narrina areas once more. Apart from the exploratory trips to Buckalowie, an introductory trip was run. This enabled novices and those unfamiliar with the Flinders to become acquainted with a different kind of cave and some spectacular scenery. Bagalowie Station has changed Managers and a friendship was bonded with the new Manager. The water in Mairs Cave is once again minor and Clara St Dora Cave is still dry. The recent plentiful rains have had little immediate impact on the caves.

Narrina Cave was the focus of attention in May 1978. The South Australian Museum funded a trip, headed by the Curator of Ichthyology, Mr. John Glover to this cave. The purpose of the trip, to determine if any aquatic life was present, enabled us to prove persistent rumours about fish life there were false. Water samples, after analysis showed the present conditions were not adverse to aquatic life though none have been found. A full report appeared in a Newsletter.

A trip to Brachina Gorge and Bunyeroo Gorge was run and a cave search was conducted in Bunyeroo Gorge. Apart from a few small holes and overhangs we failed to turn up anything of significance.

With the ASF Conference in Perth, a few side trips were run to the Flinders by interstaters and no doubt these will be reported on in various journals later this year. A paper on the Flinders Ranges, its geology, fossils and caves was presented at the Perth Conference and this has aroused interest interstate.

DOT PEISLEY

UPPER SOUTH EAST

The main activity in this region during the year was continuation of the cave location programme, several exercises and the continuation of Henschkes Fossil dig.

The cave relocation programme continued early in the year and accurate locations. have now been established for all the caves in the Naracoorte area. A photographic record of the entrances was completed at the same time. During the latter part of the programme tagging of entrances was commenced. It is hoped that this will be continued in the coming year and the location programme extended to other areas within the region. As a result of the location programme 10 new caves were allocated numbers.

Two exercises involving local emergency bodies were conducted during the year. The first, held in February, involved a party becoming overdue. After a confused start the exercise was completed within the expected time limits. A detailed account is given in Newsletter Vol. 23 No: 1. The major exercise in July could have received greater attendance by CEGSA members. Those who did attend gained an appreciation of the difficulties involved. The feedback from participants was much better this year and should help to make next years exercise more informative and interesting.

The bone cave at Henschkes Quarry still manages to survive due to patience on Mr. Henschkes behalf. Because of the approaching quarry operations, there was a flurry of activity at the excavations in the Bone Cave early in 1978. Trips were organised for January 7-10, February 25-26, March 11-12, April 1-2, and April 29-30 before the winter recess (when weather conditions make outside sieving work unpleasant). Work resumed late, with a trip on December 2-3. Many thanks are due to Fred Aslin for his part in organising the workforce for these trips, for although there is a regular core of CEGSA members, the majority of diggers and sifters have been volunteers from Mt. Gambier.

This year, we used a portable electric generator for the first time, borrowed from the Museum, and with its greater light output, it proved a boon. Other highlights for the year were : our biggest contingent of workers was about 40, on the February trip, and proved rather overwhelming and unwieldy; the natural entrance shaft was greatly enlarged and connected with the fossil excavations, allowing it to be used as a main thoroughfare; digging in the main tunnel area has stopped (at least for now), having cleared all the way from the natural entrance to the Corner Break-in entrance; and excavation has now commenced in a new area adjoining the original pits. This new area seems quite rich, and has yielded the giant kangaroo *Procoptodon* for the first time in the cave.

Excavation will continue in 1979, to extract as much as possible before the cave is destroyed. Lower Wet Cave has been covered by quarrying operations and Upper Wet Cave appears to be not too far behind the same fate,

Several photographic trips were run to the area to improve the quality of the slides on sale at Naracoorte. The slides, especially the sets, appear to be selling quite well and postcards could well be the next venture to be undertaken. CEGSA provided some assistance to the Museum to enable it to set up a Cave Interpretation Centre at the reserve. Hopefully the display can be finalised and opened to the public next year.

Underground exploration (which at Naracoorte means mostly digging) met with some small successes in Robertsons Cave and Victoria Fossil Cave. The find of the year was a new chamber by Graham Pilkington in Alexandra Cave on the weekend of the CEGSA / VSA Dinner.

During Christmas 1978, 120 Venturers went to Naracoorte as part of their Jamboree activities. Many of our members were away at WACCON, and Ed. Bailey did a great job in introducing these people to South Australian caving.

KEVIN MOTT, NEIL SMITH and NEVILLE PLEDGE

KANGAROO ISLAND

Two trips to the island were organised during the year, one at Easter and the other at the October long weekend.

During the Easter trip several caves located by Bruce Allen were surveyed and allocated numbers K44, K45. K46 was surveyed and tied in to K11. A trip to New Year's Day cave was made to show those of us who didn't know it, its location. A trip between entrances K1 - K3 was organised to show the Park staff the delights of the cave. The usual photography trip to the tourist section was also run.

The October trip was a much more leisurely affair with photography being the primary aim. This trip began quite leisurely for some, with snorkelling at Snug Cove.

A pleasant day's bush walking to West Bay Hollow to look at water pouring out of the cave system was enjoyed by most people; especially "Granny". An attempted dig in the scarp near the camp site proved futile. Former ranger, Doug Sefton, was on the island at this time and he accompanied us on a trip with Ken to see the renovations.

Following the recent heavy rains, water began pouring into the Kelly Hill influx in voluminous amounts causing the influx to become metastable. The strong winds that caused havoc at Victor Harbour a few weeks previously also left their mark at Kelly Hill. In one section of the reserve huge gums were just ripped out of the ground and levelled.

KEVIN MO TT

GLENELG RIVER

Not much went on to write about.

ANON

CAVING OUTSIDE SOUTH AUSTRALIA

The trend for some of our members to seek caving pleasure in far flung places has continued in 1978-79.

At Easter 1978, CEGSA members performed the now almost "traditional" pilgrimage to the holes of Tasmania. Four members visited three of Mole Creek's best caves. Two who were lucky enough to have the rest of the following week off managed also to get to the famous and fascinating Khazad-Dum.

Chillagoe received another visit by four of our members in September. This trip resulted in the production of a new area map. In conjunction with C.C.C., we explored and tagged five significant new caves.

CEGSA was represented by 13 members at the ASF Conference (WACCON) held in Perth in January, 1979. Following the conference, trips were made to Eneabba, Nambung and the Leeuwin-Naturaliste Ridge. These were mostly just "touristies" (and very beautiful many of these caves are). One CEGSA member participated in a significant survey project near Augusta but most of our post-conference "work" was on our "own" Nullarbor.

Graham Pilkington has also been a 'regular' at Buchan and his exploits have put the Vics to shame as he has shown them what heavy surveying is all about.

Linda Whaley has now taken the "Top Traveller's Award" from Ian Lewis with reports from Greece and the U.K.

NEIL SMITH

CAVE EXPLORATION GROUP OF SOUTH AUSTRALIA INCORPORATED

FINANCIAL STATEMENTS

AUDITOR's REPORT

The enclosed balance sheets and income and expenditure statements of the Cave Exploration Group of S.A. Inc. are in my opinion, properly drawn up so as to give a true and fair view of the state of affairs of the Group as at the 31st December 1978 and the results of its operations for the year there ended.

MEREDITH REARDON

ACCOUNT NO: 1

1/1/1978 - 31/12/1978

General: INCOME

Full membership	232.00	
Associate membership	171.50	
Country Full membership	<u>42.00</u>	445.50
Stickers & Badges	29.25	
T-shirts	27.00	
"S & R Techniques" book	78.00	
Raffle	5.00	
Returned cheque	6.00	
Donations	2.50	
Sundries	10.00	
Bank interest	<u>6.63</u>	164.38
Cash in Hand 1/1/78	8.76	
Cash in Bank 1/1/78	<u>136.49</u>	145.25

\$755.13

EXPENDITURE

Newsletter levy (84 @ approx \$4.74)	398.32	
A.S.F. subscription (58 @ \$3.50)	203.00	
"S & R Techniques"	97.50	
T-shirts	14.75	
Postage	7.40	
Stationary	4.44	
Museum Hall hire	30.00	
Legal fees	0.70	
Transfer to Capitol Account	<u>1.00</u>	757.11
Cash on Hand 31/12/78	13.14	
Cash in Bank 31/12/78	<u>(15.12)</u>	(1.98)

\$755.13

NEWSLETTER and ANNUAL REPORT

INCOME

Membership levy (84 @ approx \$4.74)	398.32	
Advertisement	15.00	
Direct subscriptions	<u>10.00</u>	<u>\$423.32</u>

EXPENDITURE

Paper	196.80	
Postage	162.12	
Envelopes	24.00	
Stencils	20.50	
Ink	10.20	
Binding	<u>9.70</u>	<u>\$423.32</u>

QUARTERMASTER

INCOME

Equipment Hire and Hut fees	121.25	
Sale of Magnesium Powder	19.46	
Sale of Carbide	2.50	
Donation	<u>4.80</u>	<u>\$148.01</u>

EXPENDITURE

Hut electricity	49.94	
Hut repairs	24.80	
Locks	15.95	
Ladder repairs	5.65	
Hut Log Book	<u>2.30</u>	<u>98.64</u>
Cash in Bank 31/12/78		<u>49.37</u> <u>\$148.01</u>

RECORDS Account (No: 2)

INCOME

Slides:	singles	516.60	
	sets	<u>301.52</u>	<u>818.12</u>
Other:	map sales	28.55	
	bank interest	<u>5.67</u>	<u>34.22</u>
Cash on hand 1/1/78		5.10	
Cash in bank 1/1/78		<u>0.26</u>	<u>5.36</u>

\$857.70

RECORDS Account (No: 2) continued..**EXPENDITURE**

Slides:	reproduction	178.47	
	Sales Tax	176.08	
	plastic roll	16.35	
	films and processing	20.03	
	slide album	6.98	<u>\$397.91</u>
Other:	cash loan repayment	8.56	
	cave tagging gear	40.30	
	Dyeline paper	23.10	
	B/W cave ent. film	11.35	
	postage	0.40	
	rubber stamp	8.97	<u>92.68</u>
Cash on hand 31/12/78		5.46	
Cash in bank 31/12/78		<u>361.65</u>	<u>367.11</u>

\$857.70**ASSETS**

	1977	1978
Slide singles at cost	652.78	442.00
Slide sets at cost	---	148.20
Cash	<u>5.36</u>	<u>367.11</u>
	658.14	957.31
Less LIABILITIES	<u>28.88</u>	
	\$629.26	\$957.31

Net increase in ASSETS for year**\$328.05****LIBRARY Account (No: 3)****INCOME**

CEGSA Publications	Qty	amount
Occasional Paper #1 : Surveying	1	2.00
#2 : Nullarbor Karst	1	2.00
#3 : Coastal Karst	3	6.00
#4 : Mullamullang	10	29.00
#5 : S.A. Cave Ref. Book	18	108.00
7th Biennial Conference	<u>5</u>	<u>10.60</u>
	38	157.60
Other Publications	14	42.20
Postage	5.00	
Bank interest	2.50	
Deposit Stock interest	<u>30.00</u>	<u>37.50</u>
Cash in Bank 1/1/78	55.60	
Deposit Stock 1/1/78	<u>300.00</u>	<u>355.60</u>

\$592.90

LIBRARY Account (No: 3) continued**EXPENDITURE**

Library book	6.50	
Helictite subs	13.00	
B.C.R.A. subs	24.58	
Will. Peng. Cave Studies Trust	<u>7.55</u>	<u>51.68</u>
Stationary	14.47	
Postage	<u>6.63</u>	<u>21.10</u>
Cash in Bank 31/12/78		220.17
Deposit Stock 31/12/78		<u>300.00</u>
		\$592.90

SOCIAL Account (No: 4)**INCOME**

CEGSA/VSA Dinner	462.00	
Annual Dinner	188.35	
Pool Party (nett)	55.00	
Raffles (nett)	12.45	
Bank interest	<u>34.43</u>	<u>752.23</u>
Cash in hand 1/1/78		<u>99.92</u>
		\$852.15

EXPENDITURE

CEGSA/VSA Dinner	491.00	
Annual Dinner	<u>140.00</u>	<u>631.00</u>
Cash in Bank 31/12/78		<u>221.15</u>
		\$852.15

CAPITOL ACCOUNT**ASSETS 31/12/78**

10.5% Term Deposit, Hindmarsh Building Society (matures 24/3/1980)	\$2,000.00
Ordinary Account, M.B.S.	<u>106.00</u>
	\$2,106.00

EQUIPMENT LIST

NARACOOORTE

- | | | | | | | |
|-----|---------------------------|-----|-------------------------------|---------|------|--------------|
| 1) | Rope | (a) | No: 5 | Manilla | 12mm | 18.3m |
| | | (b) | No: 6 | Manilla | 12mm | 18.3m |
| | | (c) | No: 12 | Nylon | 12mm | 27.4m (1978) |
| 2) | Ladders | (a) | 25 ' | | | |
| | | (b) | 30 ' + sling | | | |
| 3) | First aid kit | | | | | |
| 4) | Digging equipment | (a) | 2 boats | | | |
| | | (b) | 3 shovels | | | |
| | | (c) | assorted bars, picks and wire | | | |
| 5) | Battery Charger | | | | | |
| 6) | Fridge | | | | | |
| 7) | Electric cooker | | | | | |
| 8) | 2 electric jugs | | | | | |
| 9) | Assorted cooking utensils | | | | | |
| 10) | 2 carbide sieves | | | | | |
| 11) | 1 2.5m wooden ladder | | | | | |

ADELAIDE

- | | | | | | | |
|-----|------------------|-----|--------------------------------------|---------|------|--------|
| 1) | Rope | (a) | No: 1 and 3 | Nylon | 12mm | 36.5m |
| | | (b) | No: 2 | Manilla | 12mm | 36.5m |
| | | (c) | No: 4 | Nylon | 12mm | 73.0m |
| | | (d) | Nos: 7-10 | Manilla | 12mm | 18. 3m |
| | | (e) | No: 4 | Nylon | | 10.0m |
| 2) | Ladders | (a) | 4 old | | | |
| | | (b) | 9 new + slings | | | |
| | | (c) | 3 rescue + slings | | | |
| 3) | First aid kit | | | | | |
| 4) | Helmets | | 13 | | | |
| 5) | Miners dials | (a) | CEGSA | | | |
| | | (b) | Property of Late A. L. Hill | | | |
| 6) | Webbing bands | | 1 set | | | |
| 7) | Stretchers | (a) | Neil Robertson | | | |
| | | (b) | Dragmat | | | |
| 8) | Field telephones | | 3 + several reels of wire | | | |
| 9) | Magnesium powder | | 2 drums | | | |
| 10) | Office equipment | | | | | |
| | | (a) | Dyeline | | | |
| | | (b) | Duplicator | | | |
| | | (c) | 3 Typewriters - 1 electric, 2 manual | | | |
| | | (d) | Four drawer file cabinet | | | |
| | | (e) | Map cabinet | | | |
| | | (f) | Vertical plan cabinet | | | |

CAVE EXPLORATION GROUP (SOUTH AUSTRALIA) INC.

MEMBERS TO THE 1st FEBRUARY 1979

HONORARY LIFE MEMBERS

Aslin, Fred	29 Elizabeth St. Mt. Gambier 5290 (h) 25.1233
Baker, Harry	2 Handyside St. Naracoorte 5271 (h) 62.1369
Baker, W. (Mrs.)	4 Cambridge Ave. West Beach 5024
Gartrell, Grant (Dr.)	45 Marlborough St. Brighton 5048 (h) 298.2203 (w) 259.6298
Hamilton-Smith, Elery	P.O. Box 36, Carlton South, Vic. 3053
Jackson, Athol	6 Hudson Ave. Rostrevor 5073 (h) 337.8759 (w) 259.6795
Lewis, Ian	12 McLachlan Ave. Glenelg Nth. 5045 (h) 295.6582
Mollet, Noel	51 Amber Road, Highbury 5089 (h) 264.2221 (w) 22.3222
Sanders, Fred	8 Wattlebury Rd, Lower Mitcham 5062 (h) 276.3839 (w) 51.3458
Sexton, Bob	C/- Highways Dept. 33 Walker St, Walkerville 5081

FULL MEMBERS

Arnott, Dale	53 Sturt St. Grange 5022 (h) 353.3714 (w) 294.4588
Bailey, Ed.	2 Boorman Ave. Pasadena 5042 (h) 276.8264 (w) 25.9378
Bailey, Trevor	C/- Hamley Bridge School, Hamley Bridge, S.A. 5401 (h) Hamley Bridge 76
Bakker, Joyce	A4/40 Chopin Rd. Somerton Pk. 5044 (w) 51.3041
Barrow, Simon	9 Spencer St. Campbelltown 5074 (h) 336.5375 (w) 269.8117
Bray, Robbie	C/- 10 Day Ave. Rostrevor 5073
Cohen, Harvey	C/- Maths Dept. Uni. of Latrobe, Bandoora, Vic. 3083
Cundy, Jim	P.O., Coomandook 5261 (h) 31.4323
De Graaf, Jerry	Flat 1A Kingscourt, Pt. Lincoln 5606
Galbreath, Ron	66 Ashfield Rd. Elizabeth 5112 (w) 259.6346
Gartrell, Lesley	45 Marlborough St. Brighton 5048 (h) 298.2203
Hawkes, Peter	Bow Hill, S.A. 5238 (h) BowHill 208
Hendriks, Frank	ARDU RAAF Base, Edinburgh 5111 Ext. 2139
Hocknell, Peter	133 Murray Rd, Pt. Noarlunga 5167 (h) 382.7551 (w) 388.7536
Hughes, Merrilyn	8 Lilka St, Gepps Cross 5094 (w) 87.7531
Hutchins, Ric	90 George St. Norwood 5067
Linke, Vic	3 Napier St. Renown Park 5008 (h) 46.3105
McDougal, Rod	C/- I Hillview Ave. Tennyson 5022 (h) 356.2277
Meth, Max	12 Cleve St, Mansfield Park 5012 (h) 45.6744 (w) 87.7499
Mott, Kevin	23 Harcourt Rd, Payneham 5070 (h) 42.5540 (w) 227.2704
Peisley, Dot	23 Dorset St. Brahma Lodge 5109 (h) 258.9917
Peterson, Gordon	"Greengates" Kangaroo Reef Rd. Hahndorf 5245 (h) 388.7536 (Box 124 P.O. Hahndorf)

FULL MEMBERS (continued)

Pilkington, Graham	66 Eyre Cres. Valley View 5093 (h) 264.2598 (w) 272.5711 Ext. 87
Pledge, Neville	19 Abbotshall Rd. Hawthorn 5062 (w) 223.8359
Reardon, Meredith	5 Loxton Court, Hope Valley 5090 (h) 263.4879 (w) 258.8596
Reardon, Terry	5 Loxton Court, Hope Valley 5090 (h) 263.4879 (w) 79.7901
Roberts, Susan	9 Spencer St, Campbelltown 5074 (h) 336.5375
Smith, Mark (Kram)	C/- Telfer, via Marble Bar. W.A. 6760
Smith, Joyanne	517 Marion Rd. South Plympton 5038
Smith, Neil	60 Cuming St. Mile End 5031 (w) 223.4333 Ext. 2893
Stace, Peter	21 Thames St. Clarence Park 5034 (h) 71.3961 (w) 227.4165
Turner, Dave	14 Narinna Ave, Cumberland Pk. 5041 (h) 71.0342 (w) 223.5100
Wells, Rod (Dr.)	Richardson Rd. Uraidla 5142
Wesley-Smith, Jim	C/- NPWS South End 5280
Whaley, Linda	Orchard Flat, Wharfe, near Austwick, via Lancaster, England
Wilson, Jane	29 Kalyra Road, Belair 5052 (h) 278.7616 (Underdale High School) (w) 43.8661
Young, John	4 / 3 Walkley Ave, Warradale 5046 (Mother's Residence . . 294.2671)

ASSOCIATE MEMBERS

Allum, Ron	63 Hancock Road, Vista 5091 (h) 263.8157 (w) 440.594
Allum, Robyn	63 Hancock Road, Vista 5091 (h) 263.8157 (w) 337.7000
Ancell, Di	8/10 Prospect Rd, Fitzroy 5082 (h) 44.8901
Arnott, Judith	26 Jetty Street, Grange 5022 (h) 356.7244
Bates, Annette	8 Weller Street, Goodwood 5034 (h) 71.3488
Beaumont, Greg	Beaumont Road, Verdun 5245 (h) 388.7068
Blavins, Ian	40 Woodfield Ave. Fullarton 5063 (w) 227.2026
Brown, Allen	F2 13 Walkley Ave, Warradale 5046 (w) 223.7533
Clarke, Peter	C/- Geological Survey, P.O. Box 556 Broken Hill N.S.W. 2880 (h) 7804 (w) 3686
Colhoun, Tony	4 Liza Road, Happy Valley 5159 (h) 79.5173
Daniel, Tim	C/- Officers Mess, 3 RAR Woodside (h) 389.7071 (w) 389.7071 Ext 277 or Ext. 241
Doecke, Richard	Lenwood. S.A. 5240 (h) 389.8378
Earl, Trevor	46 Wilton Ave, Somerton Pk. 5044 (h) 296.5472 (w) 272.5711 Ext. 25
Edington, Jim Dr. A.S.C.,	Northland Base Hospital, Whangarai, N.Z.
Goldfinch, Ian	355 Seaview Rd. Henley Beach 5022 (w) 260.2022
Hallet, Neil	44 Lambert Ave, West Lakes Shore 5020 (h) 49.3965 (w) 251.1166
Hill, Stuart	7 Stafford Gve, Heathpool 5068 (h) 31.8044
Jackson, Anthea	6 Hudson Ave, Rostrevor 5073 (h) 337.8759

ASSOCIATE MEMBERS (continued)

Keeling, John	4 Lynton St. Salisbury East, 5109 (h) 258.4939 (w) 272.5711 Ext 20
Lacey, Chris	10 Attrill Ave, Hilton 5033 (h) 352.3964 (w) 50.3366
Laslett, Craig	Box 1440, Mt. Gambier 5290 (h) 251.364
Laslett, Dave	Box 1440, Mt. Gambier 5290 (h) 251.364
Lloyd, Chris	12 Westall Street, Hyde Park 5061 (w) 217.0461
McLaren, Jeanette	19 Regent Street, Ascot Vale, Vic. 3032
Mower, Geoff	16 Davenport Tee, Seacliff Park 5049
Muller, Viv.	11 Gray Street, Black Forest 5035 (h) 297.2369 (w) Adelaide Childrens Hosp. Ext 513
Parker, George	1 Anderson St., Fullarton 5063 (w) 272.3666
Peterson, Rob	"Greengates" Kangaroo Reef Rd, Hahndorf 5245 (h) 388.7536 (Box 124 PO Hahndorf)
Pilkington, Ann	66 Eyre Cres., Valley View 5093 (h) 264.2598
Prust, Phil	19 Broadmeadows Dr. Flagstaff Hill 5159 (w) 276.2324
Reece, Colin	110 Rose Street, Wayville 5034 (w) 225.7219
Rochler, Michael	5 Spruance Rd. Elizabeth West 5112 (h) 255.6972
Robertson, Peter	134 Fordham Ave, Camberwell Vic 3124
Skene, Phil	4 McRae Ave. Windsor Gdns. 5087 (h) 266.0196 (w) 227.4144
Smith, Dave	71 Ashburton Rd. Glen Iris Vic (h) 03.25.4074
Smith, Phil	14 Hannay St. Largs Bay 5016 (h) 49.7372
Snowden, Michael	7 Dorrington Ave. Glen Iris, Vic (h) 03.25.3867
Sprod, Richard	11 Queens Ave, Burnside 5066 (h) 31.6556 (w) 267.4999
Starr, Russell	513 Morphet St. Seacombe Gdns. 5047 (h) 298.3688
Stratton, Mike	19 First Ave, Nailsworth 5083 (w) 228.9486
Whitbread, Paul	19 First Ave, Nailsworth 5083 (w) 259.304

MAILING LIST

Adelaide Bushwalkers,	Box 178, Unley, 5061
Adelaide Uni. Mountain Club,	c/- Sports Assoc. Uni of Adel. Adelaide, 5001
ASF Librarian,	c/- DMR P.O. Box 262, South Goulbourne N.S.W., 2580
ASF N/L Editor,	13 Mason Street, Claremont, Tas. 7011
ASF President,	123 Manningham Road, Parkville, Vic. 3052
ASF Secretary,	P.O. Box 36, Lindisfarne, Tas. 7015
Barrier Rangers,	P.O. Box 515, Broken Hill, N.S.W. 2880
Bermagui Speleo Assoc.,	46 Murrah St, Bermagui South, N.S.W. 2547
Blue Mountains Speleo Club,	P.O. Box 37, Glenbrook, N.S.W. 2773
Campbelltown Caving & Outdoor Group,	2 Bilgola St, Campbelltown N.S.W. 2560
Canberra Speleological Soc.,	18 Arabana St., Aranda, A.C.T. 2614
C.R.O.S.A.,	P.O. Box 7322, Johannesburg, 2000, South Africa.
Cave Research Associates,	3842 Brookvale Blvd, Castro Valley, California, 94546, U.S.A.
Cave Research Group,	Lindum, The Homend, Ledbury, Herefordshire, Eng.
Central Queensland Speleological Soc.,	P.O. Box 538, Rockhampton Qld 4700
Chillagoe Caving Club,	7 Martyn Street, Cairns, Qld 4870
Dailey, Dr. B.,	10 Heading Avenue, Campbelltown, S.A. 5074
Dunkley, John,	3 Stops Place, Chifley, A.C.T. 2606
Officer in Charge,	Emergency Operations Group, Police Headquarters, 1 Angus Street, Adelaide 5000
Endeavour Speleological Assoc.,	P.O. Box 63, Miranda, N.S.W. 2228
Inglis, Dr. W.G.,	120 Osmond Terrace, Norwood, S.A. 5067
Jennings, Dr. J.N.	Research School of Pacific Studies. A.N.U. Box 4, GPO Canberra. A.C.T. 2600
Kempsey Speleo Soc.,	c/- 2 Albert St, Kempsey, N.S.W. 2440
Macquarie Uni, Speleo Investigations Group (MUSIG)	c/- The Union, McQuarie University, Balaclava Road, Eastwood, N.S.W. 2122
Matthews, Peter.	66 Frogmore Crescent, Park Orchards, Vic. 3114
Metropolitan Speleological Soc.,	Box 2, Crows Nest, N.S.W. 2065
Mill, Lloyd,	19 Regent St, Ascot Vale, Vic. 3032
National Parks & Wildlife Service,	129 Greenhill Road, Unley, S.A. 5061
National Library of Aust.,	Preliminary Processing Section, Canberra ACT 2600
National Speleological Soc.,	Cave Ave, Huntsville, Alabama, U.S.A. 35810
National Uni. Caving Club,	c/- A.N.U. Sports Union, Box 4, P.O. Canberra, A.C.T. 2600
N.S.W. Baptist Caving Assoc.,	21 Abel Street, Greenacre, N.S.W. 2190
Naracoorte High School,	Naracoorte S.A. 5271
NSW Inst. of Technology Speleological Soc,	The Union, Box 123, PO Broadway, NSW. 2007
Niugini Caver,	Mr M. D. Pound, P.O. Box 3824, Port Moresby, P.N.G.
Northern Caving Club,	62 Cross Flats Cres., Beeston, Leeds 11. England
Oldham, Tony,	Rhyschydwr, Crymmych, DYFED SA 41 3RB, U.K.
Sherriff, Alex,	P.O. Box 420, Naracoorte, S.A. 5271
S.A. Dept. of Mines and Energy,	191 Greenhill Rd, Parkside, S.A. 5063
S.A. Tourist Bureau.,	18 King William Street, Adelaide, S.A. 5000
S.A. State Library,	Librarian-in-Charge, S.A. Collection, Box 419, G.P.O. Adelaide, S.A. 5001
S.A. Museum,	North Terrace, Adelaide, S.A. 5000
Southern Caving Society,	P.O. Box 121. Moonah. Tas. , 7009
Speleologia Emiliana,	Piazza VII Novembre 1944 Cassero di Porta Lame. 40100 Bologna, Italia.
Editor, Speleo Abstracts.,	P.O. Box 269, Sandy Bay, Tas., 7005

Sydney Speleological Soc.,	Abstracts Editor, P.O. Box 198, Broadway, NSW 2007
Swinburne Explorers Club,	c/- Students Union, John Street, Hawthorn, Vic 3122
Sydney Uni. Speleo. Soc,	Box 35, The Union, Sydney Uni. N.S.W. 2006
Tasmanian Caverneering Club,	Box 416, G.P.O. Sandy Bay, Tas. 7005
Union Internationale De Speleologie,	c/- Bundesdenkmalamt, Hofburg, Saulenstiege, A-1010 Wein, Austria.
University of N.S.W. Speleological Soc.,	Box 17, The Union, Kensington, N.S.W. 2033
University of Queensland Speleological Soc.,	c/- Students Union, St. Lucia, Qld 4067
Victorian Speleological Assoc.,	Box 5425CC G.P.O., Melbourne, Vic 3001
W.A. Speleological Group,	P.O. Box 67, Nedlands, W.A. 6009
William Pengelly Cave Studies Trust Ltd.,	16 New Road, Kingston Upon Thames, Surrey KT2 6AP England.

NATIONAL PARKS RANGERS AND LANDOWNERS

The Ranger in Charge,	c/- Kelly Hill Caves Conservation Park, Kangaroo Island, 5223 PMB 38, R.R.S. Via Kingscote, K.I.
Mr. H. Bakker,	National Parks Comm. Ranger, PMB 43, Meningie, S.A. 5264
The Ranger in Charge,	c/- Naracoorte Caves Conservation Park, Naracoorte, S.A. 5271
D. Correll,	P.O. Curramulka, S.A. 5580
Mr Marshal,	Madura Station, Eyre Highway via Norseman, 6443
Mr W. Pavey,	P.M.B., Naracoorte, S.A. 5271.