



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

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

ANNUAL REPORT 1979 - 1980

**TWENTY FOURTH ANNUAL REPORT to be presented to
the Annual General Meeting on Wednesday,
27th February 1980 at the
Museum Lecture Rooms - North Terrace,
Adelaide at 8.00 p.m.**

CAVE EXPLORATION GROUP (SOUTH AUSTRALIA) INCORPORATED

TWENTY FOURTH ANNUAL REPORT

1979 - 1980

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PRESIDENT'S REPORT

Ladies and Gentlemen,

I have much pleasure in presenting to you the Twenty Fourth Annual Report of the Cave Exploration Group (South Australia) Incorporated. This has been a year of successful cooperation with other organisations including several joint projects with Governmental bodies.

A very successful Cave Tourism and Management Conference organised jointly by the S.A. National Parks & Wildlife Service and this Group as the Australian Speleological Federation representative, was held in Mt. Gambier in May. The major effect that this conference will have on our cavers is the development of an Australia wide classification scheme that will limit access to "sensitive" and scientifically useful caves. In this State, at present, this means that cavers have to be encouraged to use a limited number of caves for their physical enjoyment, preserving some by staying out.

The Naracoorte Cave Interpretation Centre at the Caves Reserve was opened this year. It is a speleological museum under control of the S.A. Museum and the S.A. National Parks & Wildlife Service. They receive assistance from Flinders University and CEGSA. Of special note is the Reserve map by Kevin Mott showing the caves in silhouette.

The A.S.F. has recently completed a major cave study of the Western Australian part of the Nullarbor Karst area for the W.A. Government. Several of our members contributed. It contains recommendations for how W.A. should best use the Nullarbor, especially with regards to tourist pressure and cave management. Another study has been commissioned by our National Parks & Wildlife Service to examine Tantanoola Tourist Cave to determine how best to renovate, present and manage both the cave and its immediate environment. Previous cave "improvements", 1800's style, emphasized man's interference (e.g. the "do-not-touch" signs everywhere) instead of directing attention to the highlights of the cave which are mostly out of reach anyway.

Past cooperation with Millicent Council continued with the Council removing rubbish piled up by CEGSA from a part cleanup of Rendelsham Cave. This project will continue next year.

As some people are now aware, this State has laws preventing the dumping of rubbish in caves and sinkholes as part of its Underground Waters Act. We have been communicating with the Engineering & Water Supply and the Woods & Forests Departments to help determine cheap but effective measures of preventing the illegal dumping of rubbish on Forestry land.

It is good to see a significant increase in cave diver membership in CEGSA. We are now the leading Australian speleological diving group.

Individuals from the Group, notably Ian Lewis, Peter Stace, Ron Allum and Robyn Allum have compiled a book for cave divers, including surveys of underwater caves. This will help fill the previous void in our Records.

Since becoming an Affiliated Society of the Friends of the S.A. Museum, all our members are now also members of the Friends. This will hopefully lead to a closer and beneficial relationship between us, the Museum and the other Affiliated Societies. Joint events, including field trips, are to be arranged. These should help people enjoy themselves more. There are thirteen (13) Affiliated Societies in the Friends and a Direct Membership Society, each of which supplies two Councillors. With the Museum Director and Museum Information Officer, this creates a Council of 30 from which an Executive of about 9 is elected.

Another caving group - the Naracoorte Caving Club - became Incorporated this year, but it seems to be having difficulties persuading local cavers to give their support.

Our numbers are down this year. However, the number of active cavers has increased. It would be nice to see some of this "new blood" helping out with the paperwork of the Group!

The General Meetings had a change of format this year, reducing official business to 20 minutes by using a budget and only raising any correspondence of general interest. The rest of the evening is then devoted to aspects of caves and caving. If you remember the way it was and stayed away, then you should try again and join the crowd.

On behalf of the members, I wish to thank the Committee for their efforts this year and I wish to thank Kevin Mott especially. Our coopted Editor, Jan Peterson, also deserves special mention. The Group also thanks Pendragon Printing Company for their generosity and guidance

GRAHAM PILKINGTON

COMMITTEE

YOUR COMMITTEE FOR 1979 HAS BEEN:

GRAHAM PILKINGTON	PRESIDENT
JIM CUNDY	VICE PRESIDENT, A.S.F. Representative
KEVIN MOTT	SECRETARY
ROD McDOUGAL	TREASURER, SAFETY and TRAINING
MEREDITH REARDON	QUARTERMASTER
NEIL SMITH	RECORDS
DOT PEISLEY	LIBRARY
TERRY REARDON	SPECIAL PROJECTS
NEVILLE PLEDGE	S.A. MUSEUM REPRESENTATIVE
JAN PETERSON	PUBLICATIONS
ANNETTE BATES	MEMBERSHIP

SECRETARY'S REPORT

1979 has been a year of change for the Group. Caving activity declined during the year but membership rose after a static period at the beginning. The format of trips is changing from that of specific projects to that of a more generalised trip to acquaint newer members with caves and caving techniques.

Major activities undertaken by the Group this year include the Cave Management and Tourism Conference, Search and Rescue Exercise and the sale of postcards. The Cave Tourism Conference was held in Mt. Gambier at the end of April and was well attended by delegates from all States and overseas. The papers presented and the field trips generated much interest in those who attended. This year's Search and Rescue exercise had a different format in that the exercise encompassed the whole rescue from the alarm to the final extrication of the patient. Those who attended appreciated the exercise more than the previous type of exercise. C.E.G.S.A. this year supplemented slide sales with postcards. These are prints of the six most popular slides and are available as a set or individually. National Parks invited C.E.G.S.A. to the opening of the Interpretation Centre at Naracoorte in May. This centre aims to educate the tourist in the activity of the fossil excavations there and the formation of the caves.

There was only an average C.E.G.S.A. attendance at the Annual VSA - CEGSA Dinner and "Soccer Match" this year. Although the quantity and quality of food left much to be desired, all those attending managed to enjoy themselves to the full. The soccer match was an event of great notoriety with the rematch being an event that must surely be the highlight of the 1980 Naracoorte calendar. Our Annual Dinner held at the Stag Hotel was attended by 27 people and was quite successful.

The following awards were presented at the dinner:

SPIRIT OF CAVING	Martin Carnes
STIRRER	Terry Reardon

LEATHER MEDALS were presented to the following members:

STAN FLAVEL:	Symbolic leather notepad for recording cave descriptions.
NEIL HALLET:	Symbolic leather jacket for slipping into small entranced caves.
JAN PETERSON:	Symbolic leather pill as an alternative to typing for curing insomnia.
RON ALLUM:	Symbolic leather wetsuit to get those extra few metres further.

KEVIN MOTT

TREASURER'S REPORT

This year the Treasurer's workload was split between myself and Graham Pilkington, who continued to operate the Slide and Postcard projects. Over the past few years, Graham has been responsible for both the organization and pursuit of these enterprises, and his familiarity with the financial, as well as practical, aspects made them best left in his hands.

The use of a budget (devised by Graham from the previous year) proved to be a helpful guide throughout the year, particularly in considering the purchase of larger items of equipment, or other expenses. Although it may not be ready by the AGM, I will attempt to draw up a budget suitable for 1980 to put to a General Meeting as early as possible. The greatest single expense incurred this year was the purchase of the new miner's dial, but we were pleased to be able to claim a subsidy from the government of \$180.00.

The \$300.00 in the Alan Hill Memorial Library matured this year and it was decided that the best rate of return on a new investment was in the Group's own slide and postcard project.

The balance of each account and the audit report are presented following other officers' reports.

ROD McDOUGAL

PUBLICATION OFFICER'S REPORT

This year appears to have been yet another successful year for the CEGSA Newsletter. It has seen a great change developed in its presentation and the cover material supplied by our members has been excellent.

I realize that this has been a relatively quiet year for caving activities, but I would like to see more articles coming in, perhaps our associates from other States might be interested in contributing an article to our Newsletter, one that may benefit S.A. caving. If so, I would be delighted to hear from you.

I, personally, would very much like to see a section of our Newsletter devoted to Interstate activities, whether technical or practical. We can always learn from our neighbours. Don't forget, please send in those photographs that you think may be appropriate for our Newsletter cover. We have run out of suitable material!

JAN PETERSON

SPECIAL PROJECTS REPORT

Apart from the numerous speleological projects CEGSA members have to pursue, this year I proposed some new ideas, some of which are fairly ambitious and required dedicated coordinators.

I am happy to report that Dot and Meredith have taken up the first project, which is to design a W.E.A. lecture series on "Caves and Cave Exploration". Hopefully we may be able to start next year and widen the knowledge of speleology.

The Information Brochure is slowly gaining material - this will be important for new members and for the conference to be held in S.A. in 1982/83.

Other projects such as the making of a video promotional film on C.E.G.S.A., seeking more media coverage and slide/talk collections still need interested coordinators.

TERRY REARDON

LIBRARIAN'S REPORT

This year has been a fairly busy one for the library. We have been able to purchase a host of new books from overseas which have proved popular with borrowers. We also have had an influx of new publications from new groups.

To accommodate these on the shelves it has been necessary to reorganise the whole library so that it doesn't become overcrowded. After some deliberation I decided to remove some of the volumes of old newsletters (those over ten years old) and start some archives. The large task of listing the contents of each volume has been started. Later, a cross reference and index will be done to enable anyone researching a particular subject or aspect of caving, to find what they require and ask for a particular volume. This is quite a tedious job but necessary.

It will eventually be extended to include all Newsletters and Publications currently on the shelves.

A survey was conducted during the year to determine what usage is made of the library and for suggestions to extend library facilities. Suggestions for a slide library were met with some reservations but mostly with approval. It is hoped that something can be started this year with assistance from those ardent photographers in the Group. It is pleasing to note that interest and usage of the library is on the increase, let's hope this year will see the trend continuing.

DOT PEISLEY

PHOTOGRAPHIC RECORDS REPORT

The number of photographs has only risen slightly in the past year. One photo, that of Circuit Sinkhole, has proved to be of use six years after it was taken.

This photo showed just how much rubbish has recently accumulated. Photographs of an historic nature or those regarding a particular entrance or karst feature are always welcome.

JIM CUNDY

RECORDS REPORT

Activity relevant to our Records system this past year has been quite diversified. This has involved significant work both by the Records Officer and several other members of the Group. As Records Officer, I regret being unable to spend a great deal more time on this work, but at present I must give top priority to my Ph.D. research.

Organised "Records evenings" have been temporarily discontinued owing to the irregular hours I am forced to keep; instead several members are involved in "take-home" projects. In this line, Meredith Reardon is cataloguing a large number of previously unfiled, significant trip reports from 12 years ago to the present date. Jim Cundy continues to maintain the photographic records of cave entrances and other karst features, and has recently taken over a large number of more informal slides and prints which pictorially document S.A. caves and C.E.G.S.A. activities dating back to the inception of the Group. With the anticipated help of some of our long-standing members, we can hopefully affix captions to identify caves and personalities "before it is too late".

Di McDougal is tidying up the collection of newspaper and magazine clippings of general caving interest (the "Speleoddities"). Graham Pilkington continues to manage the production and sales of slides and postcards, which finances all our speleological and records keeping activities.

Early in 1979, I sifted through a very large number of miscellaneous papers in an effort to get our printed records into a state of orderliness somewhere approaching that of our maps, which has been the main thrust of Records work over the past six or so years. Several positive results have come out of this:

1. Records has a complete master file of all CEGSA Newsletters, Annual Reports, and Occasional Papers, and Library has two virtually complete sets of Newsletters for borrowing.

2. All speleological Articles (mostly reprints from Scientific journals; some by past CEGSA members, some not) have been filed and catalogued under broad headings such as "Speleobiology", "Cave Rescue Techniques" etc. A copy of the catalogue will soon be available in the Group's Library cabinet, and members may borrow specific articles on request.
3. Complete files of Correspondence In/Out have been "discovered" for a couple of financial years in the past. They provide a surprisingly interesting record of the Group's activities in these years; the pity is that all the rest are lost. My hope is that future Secretaries will maintain orderly files of correspondence, and when they cease to be needed in day-to-day business (perhaps six months after the end of the year concerned) they can be archived "as-is" in Records. Kevin Mott is setting a model example in 1979-80.
4. Several other files of papers which were maintained for specific purposes throw additional light on some significant periods in the Group's history. One which comes to mind involves the conception and birth throes of the CEGSA standard mapping sheet (and Ed Sangster's efforts to make the system Australia-wide). Another file relates to the Organisation of the large Mullamullang expedition of 1966. It is probable that many similar items have been lost; but hopefully members involved in such activities in the future will regard the provision of their files to the Group's records as of great importance. It is possible that the items we do have will be used in 1980 to produce a "historical" Occasional Paper to mark our "Silver Jubilee".

The production of new maps has not been as large as in the several years preceding, although Kevin Mott continues in his systematic documentation of the many new (mostly small) caves he investigates. Major additions to the map files include a set of seven sectional plans of the Easter Extension in Mullamullang (relying heavily on old survey data and highlighting the need for much more work!) by Neil Smith. Others by Kevin Mott, are a map of Engelbrecht's Cave, a two-sheet plan of the Naracoorte Caves Reserve showing all caves in correct relationship, and a compiled plan of Sand Cave (U16) incorporating photo-reductions of Wayne Goedecke's original high-grade map series.

The anticipated use of the microfilmed copies of our maps projected onto a screen at meetings has eventuated, greatly increasing the interest of the audience in the verbal trip reports. These reports, which are now the major feature except when there is an "outside" speaker, have greatly upgraded the quality of the meetings.

During 1979, CEGSA contributed the S.A. and Nullarbor section to the ASF's new "Checklist" of Australian Caves and Karst", which has now been published.

Ongoing Records projects include entrance tagging, a small amount of which was done on trips to the Upper South-East Region during 1979-80. Another project begun this year is the production of a new "CEGSA map index" to collect together in one place (one loose-leaf, pre-printed form per map) all data relating to our maps. This includes date, surveyor, cave numbers, scale, views included, etc., as well as location of original, number of copies in stock, dates copies made and sold, etc., and it will replace previous card indices.

NEIL SMITH

MEMBERSHIP REPORT

Early this financial year C.E.G.S.A. looked to be in a spot of bother as 7 Full Members and 18 Associates failed to renew their subscriptions. This event prompted talks on Information Kits, W.E.A. Courses and an advertising campaign, all of which are mammoth tasks and are still presently being researched.

Although we had a slow start in membership numbers the situation gradually improved through the year with 9 new Associates and 3 Associates successful in gaining Full Membership.

In looking back over the Membership numbers for the last 5 years, it would appear that C.E.G.S.A. is in a downward slump, but research of past Annual Reports by Kevin Mott has revealed that 1975 - 1978 are in fact, years of inflation. Even so, membership has still dropped and at present there is a real need for a membership drive with everyone in C.E.G.S.A. participating to lift ourselves out of the slump and on to greater things.

ANNETTE BATES

	1975	1976	1977	1978	1979	1980
Honorary Life Members	7	8	8	10	10	10
Full Members	47	45	48	49	37	40
Associate Members	47	33	44	53	41	32
Hon. Associate Members	5	5		2		
	106	91	100	114	88	82

CAVING ACTIVITIES

YORKE PENINSULA REGION

Of the few trips to the area, most were to Corra Lynn for familiarization of new recruits to real caving. Some minor survey tidy-ups were made and a few small extensions found. Two of the newly found passages receive water from the doline runoff. The year-old shelter trees have established themselves but one mature tree succumbed to the wind (or was driven into!).

Y21 was excavated from its entrance chamber NE into a solution fissure which proved too small to negotiate even with the enticement of a nice breeze. More dirt removal from the floor might succeed in making further access possible.

Trips to Y2 reminded the attendees that bulging muscles are no substitute for a lithe body.

GRAHAM PILKINGTON

EYRE PENINSULA

Only one trip was run from Adelaide this year, during which some surface exploration was carried out and some small caves looked at.

Jerry De Graaf has now moved to Adelaide leaving a big gap in speleological activities in the Eyre Peninsula region.

TERRY REARDON

LOWER SOUTH EAST

This year the Lower South East received more attention in the physical caving aspect and the paper warfare aspect. C.E.G.S.A., in conjunction with the National Parks and Wildlife Service organised the Cave Tourism and Management Conference. 34 delegates from all over Australia attended the conference and associated field trips. The cave relocation programme initiated at Naracoorte was extended to the Lower South East. It was concentrated in the Caroline area to record caves not previously known and to take advantage of the recent bushfire. This made access to, and photography of, many caves much simpler. Efforts have been made to have various State and Local Government bodies prevent continued dumping in the sinkholes and where possible, clean up these sinkholes.

Rendelsham Cave was the scene of activity at the end of the year. A trip to clean up the cave was highly successful and negotiations are under way for further activity at this cave.

Only one trip was run to Glenelg River and some minor survey work was undertaken.

KEVIN MOTT

MURRAY PLAINS

Three trips were run to this area this year. Two of these were to investigate two new caves reported to the Group by the Museum.

There is still some surveying to be done in connection with these caves. The third trip was a cave locating trip using rubber rafts. Hopefully, future trips to this area may use these rafts as they make an interesting interlude to caving.

KEVIN MOTT

ADELAIDE HILLS REGION

Sellicks Hill Cave was the focus of activity in this region. Except for one night touristy, all of the trips there were for the purpose of stabilizing the passage from the entrance to the 30 metre depth mark. It is intended to continue the promising dig reported last year, once the passage is considered safe.

There was one solo trip into Reynella Cave.

TERRY REARDON

FLINDERS RANGES

Most activity was centred around the Orraparrina area, where Stan Flavell has discovered some new cave entrances and mapped about one hundred metres of passage. Stan reports a colony of bats and some decoration, and intends to lead more trips to the area soon. Narinna Lake Cave was also visited by Stan's party.

Earlier in the year a trip was mounted to establish the whereabouts of some "new" caves found in the records, reported by A. Hill. As it turned out, the caves were the already well known Arcoota Creek Caves.

C.E.G.S.A. has procured, again, a set of keys for Mairs and Clara St. Dora Caves and established relations with the managers at Bagalowie and Minburra Stations. Unfortunately, there has been further damage to these caves and as a result the Managers are taking a tougher line with intending visitors.

Mount Sims Cave was visited and the landowner Ms. Jane Warwick, expressed interest in joining in on any future trip to that area.

TERRY REARDON

UPPER SOUTH EAST

Once again this was the most visited area. There was a variety of trips. Many trips which were mostly touristy trips introduced members to caves not normally visited. Some surveying was done in the Victoria Fossil Tourist Cave and Blanche Cave. If people are willing to help, these can be completed next year. A highlight of the year was a special trip into Bat Cave to photograph bats in flight using light sensors to trigger the flash.

A resurvey of the Cave Reserve was completed and has been used as the base for the map in the Interpretation Centre which was opened during the year. Some tagging and photographic work was carried out during the year.

Henschke's Quarry is still hanging on despite nearby blasting. Although many CEGSA members tend to shun the cave, Neville is still finding exciting bone deposits with the help of Fred Aslin and people from Mt. Gambier.

The rescue exercise was attended mostly by Naracoorte Cavers and S.E.S. personnel and was an extremely rewarding weekend.

KEVIN MOTT

HENSCHKE CAVE EXCAVATIONS, NARACOORTE

Excavating trips took place on the weekends of February 17th-18th, March 3rd-4th, March 17th-18th, April 21st-22nd, October 13th-14th, November 17th-18th, 1979 and January 4th-6th 1980.

Although there has been a regular core of CEGSA members, namely Fred Aslin, Kevin Mott and Neville Pledge with several less regular ones, most of those involved have been volunteers, some of long standing, organised by Fred Aslin from Mt. Gambier. Admittedly, it is at times a tedious and boring job, but it is to be regretted that more members have not participated.

The excavations during this past year have greatly enlarged the cave. In February, a large area (Y2 and Y3) was cleared from under rockfall at the "corner breakin" entrance, but most work has centred on the main passage between Fred's original access shaft and the Natural Entrance Shaft, and in side passages from this area. Excavation areas E1 and E2, F1 to F3, and D3 to D7 have been cleared, east from the main passage, where a large obstructing rock-fin was removed and the floor lowered by 30cm. or more. A large boulder obstructing access from the Natural Entrance shaft was also demolished to allow complete excavation of area G0. The cave was resurveyed by Kevin Mott and others during the year, and the excavation areas tied in with survey marks. The extent of the fossil deposit is now apparent.

The results of the year's excavations of the deposit are still being assessed, but notable finds have included jaws of the giant kangaroos *Sthenurus* and *Simosthenurus*, numerous teeth and jaws of *Thylacoleo*, and several bones of the giant megapode *Progyura naracoortensis*.

It is now more than ten years since excavations were started in Henschke's Fossil Cave by Fred Aslin and a few volunteers. In the intervening years, there have been at least 48 trips with over 190 people participating in some way. These volunteers have ranged in age from under 10 to over 65. A number of them, from the Mt. Gambier area in particular, eventually became members of CEGSA, the outstanding example being Kevin Mott, who (after Fred and Jan Aslin) has been involved longest with the work in this cave (8 years).

NEVILLE PLEDGE

KANGAROO ISLAND

The only trip organised to Kangaroo Island was at Easter. Apart from some photography in the tourist cave and an abortive cave search, the trip was quite leisurely. Several caves in the Mount Taylor complex were visited on touristy trips.

KEVIN MOTT

CAVING OUTSIDE SOUTH AUSTRALIA

At Easter, 1979, we were represented at Buchan (Vic) by Jim Cundy, who participated in a survey and was treated to some of the area's best sporty caving by the VSA hosts.

Also, during Easter, seven C.E.G.S.A. members went to Tasmania and visited caves in the Mole Creek area. Some of the party stayed on for another week and took the opportunity to bottom Khazad Dum and visit Exit Cave.

In December/January, Jim Cundy and Neil Smith were again welcomed by the now legendary hospitality of the members of Southern Caving Society. they were able to visit all three major Tasmanian Caving areas - Mole Creek, Hastings and the June-Florentine - assisting with a survey and finding several hundred metres of passage in Owl Pot, JF221. In mid-January, a further party of six C.E.G.S.A. members descended on Mole Creek.

Two diving/exploration trips to Jenolan by our members resulted in three sumps being negotiated and over two hundred metres of passage being mapped in Imperial Cave. Mammoth and Spider Caves received some attention with the hope of finding more cave in between.

Linda Whaley still keeps in touch from the UK. We look forward to reading her articles in the Newsletter.

TERRY REARDON

CAVE EXPLORATION GROUP (S.A.) INCORPORATED

FINANCIAL STATEMENTS

AUDITOR'S REPORT

I have examined the Group's accounts for the year ended 31st December, 1979, and in my opinion they represent a true and fair view of the Group's activities for that financial year.

SUSAN ROBERTS
30/1/1980

ACCOUNT No: 1

1/1/79 - 31/12/79.

General:

INCOME

Full Membership (26)	\$325.00	
Associate membership (28)	\$196.00	
Country Full Membership (8)	\$84.00	
Partial Year Membership	\$10.25	\$615.25
Newsletter Income	5.00	
Sale of Ladders	50.00	
Reimbursement of Dial	180.00	
Trip Fees and Equipment Hire	99.15	
Badges and Stickers	13.10	
Donation (J. Bakker)	100.00	
Sundries	34.86	
Bank Interest	4.88	\$486.99
Cash in Bank 1/1/79		<u>34.25</u>

\$1,136.49

EXPENDITURE

A.S.F. Subs	\$182.00	
Quartermaster Expenses	\$439.66	
Newsletter Expenses	\$48.91	
Newsletter Postage	\$52.44	
Membership Expenses	\$26.00	
Hire S.A.M. Theatre	\$28.00	
Sundries	\$7.90	\$784.91
Cash in Bank at 31/12/79		<u>353.58</u>
Less outstanding cheque (No: 119)		\$1,138.49
		<u>-2.00</u>

\$1,136.49

ACCOUNT No: 3**1/1/79 - 31/12/79****INCOME**

Occasional Paper	No: 1	1@	\$4.50	\$4.50	
	No: 2	1@	\$4.00	\$4.00	
	No: 3	4@	\$2.00	\$8.00	
	No: 4	17@	\$2.00	\$34.00	
	No: 5	8@	\$6.00	\$48.00	
7th Conference Proceedings		4@	\$2.00	\$8.00	
Cave Management in Australia		1@	\$7.50	\$7.50	
Karst In China		3@	\$7.00	<u>\$21.00</u>	<u>\$135.00</u>
Bank Interest				\$8.40	
Deposit Stock Interest				\$29.97	
Maturation of Deposit Stock				\$300.00	
Cash in Bank 1/1/79				<u>\$220.17</u>	<u>\$558.54</u>
					\$693.54

EXPENDITURE

Librarian Expenses				\$15.00	
Purchase of Conference Proceedings				\$47.50	
Helictite Subs				\$8.00	
Purchase of Karst in China				\$30.00	
Purchase of Library Books				\$57.20	
WACCON Shop Fees				<u>\$4.00</u>	<u>\$161.70</u>
Investment of Matured Stock to Slide Account					\$300.00
Cash in Bank 31/12/79					<u>\$239.84</u>
					\$701.54
Less cheque outstanding (No: 1488)					<u>-8.00</u>
					\$693.54

ACCOUNT No: 4**INCOME**

Bank Interest	\$6.52	
Cash in Bank 1/1/79	<u>\$221.15</u>	\$227.67

EXPENDITURE

To Purchase of Dial	\$120.00	
Cash in Bank 31/12/79	<u>\$107.67</u>	\$227.67

CAPITOL STOCK

10½% Term Deposit, Hindmarsh Building Society maturing 24/3/80	\$2,000.00
Ordinary Account Hindmarsh Building Society	\$263.86

ROD McDOUGAL
Treasurer
1979

RECORDS ACCOUNT No: 2**INCOME**

Slides	Singles	\$367.20	
	Sets	<u>\$369.60</u>	<u>\$736.80</u>
Postcards		\$237.50	
Map Sales		\$15.50	
Loans		\$1,300.00	
Bank Interest		12.02	
Cash on hand 1/1/79		5.46	
Cash in Bank 1/1/79		<u>361.65</u>	<u>\$367.11</u>
			\$2,668.93

EXPENDITURE

Slides	Duplication	\$299.50	
	Sales Tax	<u>\$158.92</u>	<u>\$458.42</u>
Postcards	printing	\$1,500.00	
	Sales tax	30.91	
	Loan interest	<u>13.74</u>	<u>\$1,544.65</u>
Maps	microfilming	\$200.68	
	microfilm mounts	50.00	
	microfilm mount boxes	5.00	
	dyeline paper	<u>7.99</u>	<u>\$263.67</u>
Loan repayment		300.00	
Cash on hand 1/1/80		6.46	
Cash in bank 1/1/80		<u>\$95.73</u>	<u>102.19</u>
			\$2,668.93

RECORDS ACCOUNT No: 2

ASSETS	1978	1979
Slide singles at cost	442.00	419.77
Slide sets at cost	148.20	184.80
Postcards at cost	----	1,388.67
Cash	<u>367.11</u>	<u>102.19</u>
	\$957.31	\$2,095.43
 Less LIABILITIES		
Postcard loan capitol	----	1,000.00
Postcard loan interest	----	41.32
	<u>0.00</u>	<u>\$1,041.32</u>
Giving NETT ASSETS of	\$957.31	\$1,054.11
 Nett increase in ASSETS for year of		\$96.80

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)	1x2.5m 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			
		(c)	CEGSA (purchased 1979)			
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			
		(g)	Light table			

**CAVE EXPLORATION GROUP (S.A.) INCORPORATED
MEMBERS TO THE 1st FEBRUARY, 1980**

HONORARY LIFE MEMBERS

ASLIN, Fred	29 Elizabeth Street, Mt. Gambier 5290 (h) 25 1233
BAKER, Harry	4 Handyside Street, Naracoorte 5271 (h) 62 1369
BAKER, W. (Mrs.)	4 Cambridge Avenue, West Beach 5024
GARTRELL, Grant (Dr)	45 Marlborough Street, Brighton 5048 (h) 298 2203 (w) 259 6298
HAMILTON-SMITH, Elery	P.O. Box 36, Carlton South. Vic 3053
JACKSON, Athol	6 Hudson Avenue, Rostrevor 5073 (h) 337 8759 (w) 259 6795
LEWIS, Ian	12 McLachlan Avenue, Glenelg Nth 5045 (h) 295 6582
MOLLET, Noel	51 Amber Road, Highbury 5089 (h) 264 2221 (w) 22 3222
SANDERS, Fred	8 Wattlebury Road, Lower Mitcham 5062 (h) 276 3839 (w) 51 3458
SEXTON, Bob	C/- Highways Dept., 33 Walker Street, Walkerville 5081

FULL MEMBERS

ARNOTT, Dale	26 Jetty Street, Grange 5022
BAILEY, Ed	14 Whiteley Drive, Trott Park 5158 (h) 381 3758 (w) 25 9378
BAILEY, Trevor	C/- Hamley Bridge School, Hamley Bridge 5401 (h) Hamley Bridge 76
BAKKER, Joyce	Flat 4, St Annels Flats, 40 Choppin Road, Somerton Park 5044
BARROW, Simon	19 Glen Avenue, Unley Park 5061 (h) 272 2011 (w) 217 0333 Ext. 669 or 481
BATES, Annette	90 George Street, Norwood 5067 (h) 332 7272
BRAY, Robbie	8/67 Jervois Street, Deakin, Act 2600
BURKE, Tim	3 Rodney Street, Woodville 5011 (h) 45 6504
CLARKE, Peter	230 Chapple Street, Broken Hill 2880 (w) 080 880 226
COHEN, Harvey	Lot 8 Shorts Road, Research, Vic 3095
CUNDY, Jim	Coomandook 5261 (w) Yumali 73 3007
De GRAAF, Jerry	
GARTRELL, Lesley	45 Marlborough Street, Brighton 5048 (h) 298 2203
HALLET, Neil	44 Lambert Avenue, West Lakes Shore 5020 (h) 49 3965
HARE, Dale	
HAWKES, Peter	Bow Hill, 5238 (h) Bow Hill 208
HENDRIKS, Frank	A.R.D.U., R.A.A.F Base, Edinburgh 5111 (w) Ext.2139
HOCKNELL, Peter	133 Murray Road, Port Noarlunga 5167 (h) 382 7581
HUTCHINGS, Ric	90 George Street, Norwood 5067 (h) 332 7272
LINKE, Vic	3 Napier Street, Renown Park 5008 (h) 46 3105
McDOUGAL, Rod	218 Beulah Road, Beulah Park (h) 332 3182

FULL MEMBERS (continued)

METH, Max	12 Cleve Street, Mansfield Park 5012 (h) 45 6744 (w) 87 7499
MOTT, Kevin	23 Harcourt Road, Payneham 5070 (h) 42 5540 (w) 227 2704
PEISLEY, Dot	23 Dorset Street, Brahma Lodge 5109 (h) 258 9917
PETERSON, Jan	P.O. Box 124, Hahndorf 5245 (h) 388 7536
PILKINGTON, Graham	66 Eyre Crescent, Valley View 5093 (h) 264 2598 (w) 272 5711 Ext. 87
PLEDGE, Neville	C/- S.A. Museum, Adelaide 5000 (w) 223 8359
REARDON, Meredith	5 Loxton Court, Hope Valley 5090 (h) 263 4879
REARDON, Terry	As above Ext. 226 (w) 79 7901
ROBERTS, Susan	9 Spencer Street, Campbelltown 5074 (h) 336 5375 (w) 50 2911
ROBERTSON, Peter	134 Fordham Avenue, Camberwell, Vic. 3124 (h) 03-292 647
ROCHLER, Michael	5 Spruance Road, Elizabeth West 5112 (h) 255 6972 (w) 276 9666 Ext. 213
SHARP, Dave	19 First Avenue, Nailsworth 5083 (h) 269 4028
SKENE, Phil	4 McRaw Avenue, Windsor Gardens 5087 (h) 266 0196 (w) 227 4144
SMITH, Neil	52 Lurline Street, Mile End 5031 (w) 223 4333 Ext 2410 or 2748
STACE, Peter	6 Alnwick Terrace, Heathpool 5068 (h) 31 6079 (w) 227 4165
TURNER, David	14 Narinna Avenue, Cumberland Park 5041 (h) 71 0342 (w) 223 5100
WHALEY, Linda	Orchard Flat, Wharfe near Austwick via Lancaster England
YOUNG, John	4 / 3 Walkley Avenue, Warradale 5046 (Mother's residence 294 2671)

ASSOCIATE MEMBERS

ALLUM, Robyn	63 Hancock Road, Vista 5091 (h) 263 8157 (w) 337 7000
ALLUM, Ron	as above
ARNOTT, Judith	26 Jetty Street, Grange 5022 (h) 356 7244
BELL, Peter	31 Ventnor Avenue, Mt. Pleasant, W.A. 6153 (h) 364 3987
BERNARDO, John	5 Corunna Avenue, Colonel Light Gardens 5041 (h) 276 8362 (w) 276 2122
CARNES, Martin	53 Golflands View, Morphett Vale 5162 (h) 382 1004
CLARKE, Rosalyn	230 Chapple Street, Broken Hill 2880 (w) 080 3565
CALHOUN, Tony	4 Liza Road Happy Valley 5159 (h) 381 2343 (w) 79 5173
EARL, Trevor	46 Witton Avenue, Somerton Park 5044 (h) 296 5472 (w) 272 5711 Ext. 25
FLAVAL, Stan	Blackhill Road, Houghton 5131 (h) 380 5214
GARRAD, Robin	9 Winton Avenue, Warradale 5046
HILL, Stuart	7 Stafford Grove, Heathpool 5068 (h) 31 8044
HISCOCK, Jenny	9 Winton Avenue, Warradale 5046 (w) 275 9911 Ext. 4941
JONES, Peter	1 Rankeys Hill Road, Hawthorndene 5051
KEELING, John	4 Lynton Street, Salisbury East 5109 (h) 258 4939 (w) 272 5711 Ext. 20
LASLETT, Craig	29 McMahon Drive, Para Hills 5096
LASLETT, Dave	Box 1440, Mt. Gambier 5290 (h) 25 1364

ASSOCIATE MEMBERS (continued)

McDOUGAL, Di	218 Beulah Road, Beulah Park (h) 332 3182
MacLUCAS, George	11 Gulfview Parade, Valley View 5093 (h) 261 4180
MORCOM, Anthony	19 Dashwood Road, Beaumont (h) 79 4284 (w) 225 6843
MOWER, Geoff	16 Davenport Terrace, Seacliff Park 5049
O'CARROLL, Peter	12 Talbot Street, Erindale 5066 (h) 339 4121 (w) 352 3566 ext 473
PARKER, George	1 Anderson Street, Fullerton 5063 (w) 272 3666
PILKINGTON, Ann	66 Eyre Crescent, Valley View 5093 (h) 264 2598
PRUST, Phil	19 Broadmeadows Drive, Flagstaff Hill 5159 (w) 276 2324
ROGERS, Helen	33 Sturt Valley Road, Stirling 5152 (h) 339 4121 (w) 352 3566 ext 473
ROGERS, Peter	63 The Esplanade, Henley Beach 5022 (w) 275 9911 ext 2463
SHORTHOSE, Michael	20 Montrose Avenue, Netherby 5062 (h) 79 5175
SMITH, Dave	71 Ashburton Road, Glen Iris, Vic 3146 (h) 03 254074
SNOWDEN, Michael	7 Dorrington Avenue, Glen Iris, Vic 3146 (h) 03 253867
USHER, Martin	10 Parker Road, Torrens Park 5062 (h) 276 2496 (w) 258 1066
WHITFIELD, Doug	3 Riverside Court, Morphett Vale 5162

MAILING LIST

Adelaide Bushwalkers,	Box 178, Unley 5061
Adelaide Uni. Mountain Club,	C/- Sports Association, University of Adelaide 5001
ASF Librarian,	1 Hoskins Street, Hall, ACT 2618
ASF Newsletter Editor,	44 McCaul Street, Taringa, Queensland 4068
ASF President,	37 Armagh Street, Victoria Park, WA 6100
ASF Secretary,	42 Priestley Parade, Point Clare, NSW 2250
Barrier Rangers,	P.O. Box 515, Broken Hill, NSW 2880
Bermagui Speleo Club,	46 Murrah Street, Bermagui South, NSW 2547
Blue Mountains Speleo Club,	P.O. Box 37, Glenbrook, NSW 2773
Campbelltown Caving & Outdoor Group,	P.O. Box 281, Campbelltown, NSW 2560
Canberra Speleological Society,	18 Arabana Street, Aranda, ACT 2614
C.R.O.S.A.,	P.O. Box 7322, Johannesburg, 2000, South Africa.
Cave Research Associates,	3842 Brookvale Blvd., Castro Valley, California, 945465, U.S.A.
Cave Research Group,	Lindum, The Homend, Ledbury, Herefordshire. England
Central Queensland Speleological Society,	P.O. Box 538, Rockhampton, Qld 4700
Chillagoe Caving Club,	7 Martyn Street, Cairns, Qld 4870
Dailey, Dr. B.,	10 Heading Avenue, Campbelltown, SA 5074
Dunkley, John,	3 Stops Place, Chifley, ACT 2606
Officer-in-Charge,	Emergency Operations Group, Police Headquarters 1 Angas St, Adelaide, 5000
Endeavour Speleological Association,	P.O. Box 63, Miranda, NSW 2228
Inglis, Dr. W.G.,	120 Osmond Terrace, Norwood, S.A. 5067
Jennings, Dr. J.N.	Research School of Pacific Studies, ANU Box 4, G.P.O., Canberra, ACT, 2600

MAILING LIST (continued)

Kempsey Speleo Society, C/- 2 Albert Street, Kempsey, N.S.W. 2400
 Macquarie University Speleo Investigations Group (MUSIG)
 C/- The Union, McQuarie University, Balaclava Road, Eastwood NSW 2122
 Matthews, Peter, 66 Frogmore Crescent, Park Orchards, Vic 3114
 Metropolitan Speleological Society, Box 2, Crows Nest, N.S.W. 2065
 Mill, Lloyd, 19 Regent Street, Ascot Park, Vic 3032
 National Parks & Wildlife Service, 129 Greenhill Road, Unley, S.A. 5061
 National Library of Australia, Preliminary Processing Section, Canberra, ACT 2600
 National Speleological Society, Cave Avenue, Huntsville, Alabama, USA 35810
 National University Caving Club,
 C/- A.N.U. Sports Union, Box 4, P.O. Canberra, ACT 2600
 NSW Baptist Caving Association, 21 Abel Street, Greenacre, N.S.W. 2190
 Naracoorte High School, Naracoorte. S.A. 5271
 N.S.W. Institute of Technology Speleological Society,
 C/- Union, Box 123, P.O. Broadway, N.S.W. 2007
 Northern Caving Club, 62 Cross Flats Cres, Beeston, Leeds 11, England
 Oldham, Tony, Rhyschydwr, Crymmych, DYFED SA41 3RB, UK
 Sherriff, Alex, P.O. Box 420 Naracoorte, S.A. 5271
 SA Department of Mines & Energy 191 Greenhill Road, Parkside, S.A. 5063
 SA Tourist Bureau 18 King William Street, Adelaide, S.A. 5000
 SA State Library, Librarian-in-Charge, S.A. Collection,
 Box 419, G.P.O., Adelaide, S.A. 5001
 SA Museum, North Terrace, Adelaide S.A. 5000
 Southern Caving Society, P.O. 121, Moonah, Tasmania, 7009
 Speleologia Emiliana, Piazza VII Novembre 1944,
 Cassero di Porta Lame, 40100 Bologna, Italia
 Editor, Speleo Abstracts, P.O. Box 269, Sandy Bay, Tasmania, 7005
 Sydney Speleological Society, Abstracts Editor,
 P.O. Box 198, Broadway, NSW 2007
 Swinburne Explorers Club, C/- Students Union, John St, Hawthorn Vic 3122
 Sydney University Speleo Society, Box 35, The Union, Sydney University, NSW 2006
 Tasmanian Caverneering Club, Box 416, G.P.O., Sandy Bay, Tasmania, 7005
 Union Internationale De Speleologie,
 C/- Bundesdenkmalamt, Hofburg. Saulenstiege, A-1010 Wein, Austria.
 University of NSW Speleological Society, Box 17, The Union, Kensington, 2033
 University of Queensland Speleological Society C/- Students Union, St. Lucia 4067
 Victorian Speleological Association Box 5425CC, G.P.O. Melbourne, Vic 3001
 WA 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

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 5264
 Ranger-in-Charge, C/- Naracoorte Caves Conservation Park, Naracoorte SA 5271
 D. Correll, P.O. Curramulka. S.A. 5580
 Mr. Marshal, Madura Station, Eyre Highway via Norseman, 6443
 Mr. W. Pavey, PMB, Naracoorte, S.A. 5271