



Cave Exploration Group

South Australia

C/O SOUTH AUSTRALIAN MUSEUM NORTH TERRACE ADELAIDE

ANNUAL REPORT

1973-74

**EIGHTEENTH ANNUAL REPORT to be presented to
the Annual General Meeting on Wednesday,
27th of February 1974 at the
Museum Lecture Rooms - North Terrace,
Adelaide at 8:00 p.m.**

Eighteenth Annual Report of the Cave Exploration Group of South Australia

CONTENTS

	Page
President's Report	1
Committee	3
Secretary's Report.....	3
Search & Rescue Report.....	4
Librarian's Report	5
Membership Report.....	6
Publications	7
Treasurer's Report.....	7
Records	8
Quartermaster's Report	8
Caving Activities	10

APPENDICES:

Annual Statement of Income and Expenditure

Quartermaster's Gear List

Membership List

ANNUAL REPORT 1973 - 1974

CAVE EXPLORATION GROUP of SOUTH AUSTRALIA

Ladies and Gentlemen,

Your Committee is pleased to submit the following report covering the activities and finances of the Group for the year ending 27th February 1974.

PRESIDENT' S REPORT

The Group has worked hard this year and has achieved a great deal. It is pleasing to see the division of labour giving more emphasis to the unglamorous but ultimately rewarding task of surveying. This is no doubt only because of the staggering rate of new discovery particularly in Corra-Lynn Cave, Curramulka. Without surveying, the chances are that no one would have an earthly clue where they were heading. With surveying, the diggers have known where to dig, and a concerted mapping program has demonstrated this remarkable maze to be Australia's third longest cave.

Co-operation with the National Parks and Wildlife Service has again been excellent, and in this respect we are indebted to Peter Warren for his consistent support. It is pleasing to report that the electric jack-hammer obtained by the NPWLS primarily for our use in Victoria Cave has already paid for itself several times over and is surpassing our expectations as a tunnel excavator. Ready access has already been effected to one new chamber in the Victoria Cave, and plans are in hand to open this to the public. We are now only awaiting the supply of terminations for our heavy duty extension cables before embarking upon the next stage of excavating a fifteen foot, alias five metre, tunnel through rock to bypass the famous flowstone crawl into the major chambers of the cave.

As yet there has been no firm financial commitment to the proposed new Naracoorte Research Centre, although there is no doubt that the Department of Environment and Conservation recognises the need for it. Even government departments do not have bottomless reserves of money. For what funds they do have, the competition is generally fierce, particularly in the environment arena and it may take some time for those assigning priorities to appreciate the returns to be had by investing in the new building at Naracoorte, especially when this might be at the expense of installing a vanilla-flavoured water supply in the toilet block at the Oodnagalaby camping reserve. Meanwhile the old hut proudly gives shelter to weary trogs, and possums, ... and snakes. .

The paleontological work at Naracoorte continues to be spectacular in its slow painstakingly methodical way, and will no doubt continue to be thus for the next century, given appropriate encouragement. On the geological side, Kevin Moriarty and his Flinders University crew have gone mechanical and may be seen auger or core drilling almost anywhere at any time. Their fame for borrowing lamps from unsuspecting people and then, only under extreme duress, reluctantly returning the wrong lamps to the wrong people, is only eclipsed by the somewhat confused tale about some shovel or other.

When a group has been in existence as long as CEGSA has now, it is inevitable that some of its present or former members will die from time to time. If this takes place after a full and well-lived life then they've had about as much as any of us are entitled to expect, and it doesn't seem quite so bad. When they are young, death comes as a shock to us, reminding us of our own frailty, and seems less than a fair slice of the cake of life. We were saddened to learn late last year of the death of Peter Bolland after recurring illness. Peter has been for many years one of our Group's most staunch supporters, and we will miss him.

Largely due to the efforts of Hugh Sangster to design a standardised mapping system it almost looked for a while as though CEGSA might embark on the long road to an organised and accessible records system. With the best of intent some members of the Group felt that our system should be compatible with an Australia-wide Australian Speleological Federation map sheet, as yet non-existent, even in concept. CEGSA took the bull by the horns and circulated virtually all ASF groups to see whether they liked the CEGSA A2 and A4 size map layouts or whether preferred any alternatives. The result was almost universal apathy, with the exception of a firm order for one sheet from the Western Australian Speleological Group (as a trial only, they actually have two caves worth mapping), two mildly encouraging smoke signals from Victoria, and counter proposal for a system based solely on A4 sheets by Andrew Pavey.

I daresay we missed our chance by our non-attendance at the last ASF committee meeting in Melbourne, although it hardly seems likely that we would have been able to extract any firm directives from such a gathering. The overall result is that another year has slipped by without any firm commitment to rationalising our mapping records. Records are not just ancient history. They are the basis upon which all future activities of the Group should be planned. Let us do something positive in this direction soon. In the meantime the only ones getting any benefit at all from our wealth of information are a dear little family of silverfish.

Much of the Committee's work goes unseen, and certainly receives little enough appreciation. I would like to thank all members of the Committee for their hard work and support. Don't ever think just because I have to bop you on the head and shout you down to get my own way that I don't appreciate the work you do. Heaven forbid! To anybody who might think of standing for Committee this coming year I promise that it is hard work, or at least it should be if you do your job properly. It can also be a lot of fun. If you do have the time I urge you to consider it. Experience is a great teacher. I regret that through pressure of work I cannot stand again in the coming year. Anyway it is high time I made way for somebody else. I will just sit at the back of meetings and try not to interject too much, or even to take any notice at all of what is going on. I might even try to sneak out of meetings without helping to wash up the supper things. Yet will the leopard ever change his spot? Thereby or at least thereabouts hangs a tail. Ho - hum,

Grant Gartrell

COMMITTEE

Your Committee this year has been:

Grant Gartrell	President
Bernie Dunn	Vice-President / Search & Rescue
John Foulds	Secretary
Anne Wilson *	Treasurer
Ian Lewis *	Membership
David Hawke	Quartermaster
Max Meth	Librarian
Jim Hopkins	Records
Ed Bailey	Publications
Neville Pledge	Museum Representative
Peter Warren	National Parks & Wildlife Service Representative

* Hugh Sangster was elected to the Committee at the 1973 AGM, but had to withdraw a month later. Ian Lewis was co-opted to Membership as a non-voting Member, and Anne Wilson was elected to the Committee in May 1973.

SECRETARY'S REPORT

Eleven successful General Meetings, including an Annual General Meeting, do not lie (to use the successful formula created in last year's report) as the 1973 - 1974 year proved a solid one for the Group. Each meeting was well attended, and followed by a speaker, films or slides.

Unfortunately the pressure of work during the last year meant I was not in touch with Group affairs as much as I would have liked. I take, this opportunity to thank all those committee members who bare the burden of my work over the last twelve months.

The combined VSA - CEGSA Dinner at Naracoorte was again a success. It's not often we see the mob from across the border and when we get together it always seems to go off with a bit of a bang.

Departing from the traditional Crafers Hotel our Annual Dinner for 1973 was held at the Eagle on the Hill. A really good night was had by all with the following awards being presented:

- | | |
|---|---------------|
| Spirit of Caving | E. Bailey |
| (To help him haunt the Naracoorte Fossil Cave) | |
| Leather Medal | G. Pilkington |
| (To the upwards digger
- a leather umbrella to protect him from rocks in the head) | |
| Leather Medal | D. Burke |
| (To the anonymous inventor of the ultimate for cooling the heels, etc - "
The Burk-O-Freez | |
| Leather Medal | J. Foulds |
| (A leather shovel all of his very own
so he won't keep losing Bernie Dunn's shovel) | |
| Shovel | B. Dunn |
| (A real brand new shovel to replace the one that J. Foulds lost.
- Glad to see you did the right thing at last, John, you old shoveller) | |

The last year has seen a greater awareness by the Group, particularly the Committee, of Australian caving interests as a whole rather than South Australian caving in the narrow sense. I feel the corner has been turned in a greater awareness of the needs of new members although there is still a long way to go in this direction. The new Committee for 1974-75 will have to face this challenge.

Finally I would like to thank all in the Group for their support of the Committee including myself throughout the last year.

John G. Foulds

SEARCH & RESCUE REPORT

This year has seen considerable progress made in S & R work within the Group. We have also seen yet again how easy it is to get into trouble underground if proper care is not taken. Last year I commented on the deaths of three divers in S126 in the lower south-east. This year we have seen four divers drowned in "The Shaft" at Allendale East in the lower south-east. The dive, by so-called expert divers, was described by an expert witness as suicidal. Virtually no safety procedures applicable to cave diving were carried out. To quote the expert witness at the inquest "They showed that not only were they abysmally ignorant of sinkhole diving practice but that all proper organisation was totally lacking" unquote. It is very easy to say that this sort of incident would not have happened if the proper safety procedures were carried out, but it is also very true. Caving, whether dry or wet is a potentially dangerous sport and safety cannot be left to chance. This sort of incident must alienate public opinion against caving and any accidents this year would almost certainly result in caves and sinkholes in the lower south-east being closed to cavers. As has happened overseas it would be the responsible cavers that would suffer.

Within the Group the Search and Rescue team has 30 members listed in the Adelaide area with 8 more listed for the Mount Gambier / Naracoorte area. The Lower south-east group under Fred Aslin's leadership have a good working relationship with the Mount Gambier Police and have assisted the Police in finding three boys lost in a cave just over the Victorian border earlier this year.

The S & R group in Adelaide is now officially listed with the Police Emergency Operations Group as a group that can be called upon to assist in the event of a cave rescue. To do this we have had to show the Police that we are a properly constituted body and not just a mob of instant experts. A callout procedure has been worked out with the Police that should work quite well. It is hoped that it will never have to be used.

In August 1973 a GQ Paraguard stretcher was installed in the Bone Room at the Caves Reserve, Naracoorte. This is the property of the Department of Environment and Conservation but is for the use of the Group in the event of a rescue and for practices. The stretcher was tried out in an exercise in December last and proved to be a vast improvement on the units we have used previously. Modifications to assist handling in crawlways are underway and should be completed shortly.

Practice rescues were held this year at Curramulka in April and at Naracoorte in December. These were both fairly well attended but still did not have nearly the number of people I would have liked. The two practices taught us a lot about the practicalities of stretcher handling underground and most important proved to some people that they did not know as much as they thought they did. Above all it showed us that we need more practice. To be an effective member of the S & R team you must come along to these sessions; it is not enough just to have your name on the list.

I want to thank everybody who has helped this year and ask every able-bodied caver to lend a hand in the coming year.

Bernie Dunn

LIBRARIAN' S REPORT

The Alan Hill Memorial Library fund stands at \$319-66. The response to the appeal for contributions has been very gratifying.

The main display cabinet at the S.A. Museum is completely full with library material. Extra or alternative storage will be needed this year.

Max Meth

MEMBERSHIP REPORT

The membership structure of the Group seem reasonably healthy this year with a solid upturn in the number of Full Members, returning to the previous 1971 record of 48. This is in spite of a number of former Full Members drifting away from the Group, so the actual number of new Full Members this year is somewhat in excess of the increase numerically of 11.

Perhaps it is just as well that our Honorary Life Members and Honorary Associates are relatively immune to such statistical analysis, although such status is certainly conferred out of recognition for Past services to the Group, and not necessarily because of anything we might hope to wring out of them in the future. We know that one and all they have the interest of the Group at heart, and that even those who are not presently active know they may be relied upon for assistance in emergencies.

The Associate Membership has increased by one to 41, despite the exodus from the ranks by those converting to Full Membership. In itself this is healthy, but a quick look at the membership cards shows that there has been quite a high turn-over, with a number of people presently unfinancial who would still profess to be interested in caving, in addition to the expected few who find that caving does not really suit them and then graduate to basket weaving or whatever else there is in life. The Associate Membership fees are not exorbitant. They are comparable with a double ticket to the drive-in picture theatre, but value for money they must be head and shoulders in front (except for the fine entertainment at the Naracoorte Cloudland). We need the money, so if you are interested in caving, then please pay up without having to be chased. Even more important than the money, we need your solid support. Any group is only as good as the support it gets from its members. If you are serious about caving and think that the Group should be run differently, we are happy for you to become involved and alter its operation democratically. It is plainly obvious any weekend at Naracoorte or Curramulka these days that there is an increasing non-CEGSA caving component, made up of ex-scouts, church youth groups, and so on. Some of these little bands are quite well equipped and careful. Others are really bad news all round. Many of them have heard of CEGSA but seem to have an aversion to having anything to do with it. We know we don't have a monopoly on caves, but we do try to maintain standards of cave safety and conservation, which no other S.A. group has come anywhere near, and we have a fine records system, even if it is in need of updating. We can only repeat that we are not a closed shop, and that we can do with the help, and that we do have something to offer these people, and that they would be most welcome to join the Group and put their efforts to best advantage.

	1971	1972	1973	1974
Honorary Life Members	6	7	6	6
Full Members	48	37	37	48
Honorary Associates	4	5	5	5
Associate Members	50	53	40	41
	108	102	88	100

I.Lewis / G.Gartrell

PUBLICATIONS

After being introduced 12 months ago to the complexities and vagaries of the duplicator, I have, without too much trouble, produced this year's Newsletters on time. Contributions were always forthcoming, so much so in fact that on more than one occasion material had to be held over until the next edition. I have endeavoured throughout the year to keep the content of the Newsletter down to about the same number of pages (average 16). This was done for two reasons, higher postal charges, and to conserve stocks of hard to obtain duplicating paper.

During the year, existing stocks of stencils were used up, and fresh stacks of a higher quality were obtained. The extra expense this incurred has been justified by the marked reduction in the quantity of spoilt printing. With the present stencils, printing of good quality is usually obtained after only two or three sheets have passed through the duplicator.

In editing the contributions, the greatest task has been converting imperial units to metric. Some contributors have already been "converted". Others are more reluctant to take the plunge. The last Newsletter of the year was completely metric, but only after some hurried last minute calculations. Only one imperial unit was allowed to remain, a reference to one "Hundredweight Harry". I felt this was more expressive and succinct than changing him to say "51 Kilogram Kenneth". Apart from such sentimental lapses, all future contributors should, if they wish their contributions to be accepted, go Metric!

Ed Bailey

TREASURER' S REPORT

Income from membership subscriptions has not been as high as it could have been in the past year but this has been to a large number of half-year membership subscriptions being received.

Our sale of publications has been commendable. "Caves of the Nullarbor" (now virtually sold out) and "Mullamullang Expeditions 1966" have been extremely popular with the increasing interest by members in the Nullarbor. A good many copies of the last-mentioned publication have been sold interstate.

Once again trip leaders are urged to ascertain that they collect trip fees from everybody on trips. This job is not always being done very conscientiously. This money is used to purchase and repair gear, and for other smaller but important items, such as paying for light bulbs and electricity for the Naracoorte Hut.

Account No. 2, our slide account, now boasts \$404.55 and has an outstanding order for three hundred slides. Things are going well. Account No. 3, for the Alan Hill Memorial Library, now stands at \$319.66 Contributions are welcome.

Generally the 1973-74 financial year has gone well, with our balances remaining steady.

Anne Wilson

RECORDS

Our Records Man, Jim Hopkins, has very recently moved to Mount Gambier, and in the resultant confusion has either failed to write his report, or to post it, or perhaps for some other reason it has gone astray. Perhaps he had nothing to say. He also got married recently, and may have things on his mind. Anyway, we wish him well, and will be sorry to lose him. As the Aslins know well, Mount Gambier is not quite the end of the Earth, and is mighty handy to a lot of caves. We should consider that the Mount has gained a capable caving paper shuffler, rather than mourning the loss of the city slickers.

We believe that he was spending his time quietly sorting out our records, with the aim of extracting information from the purely chronological reports (which dart from cave to cave and area to area), and producing comprehensive files on each cave, so that it becomes easy to check what work has been done in what caves in an area without having to read all the way back through every trip report since 1956.

As with our Library, which remained virtually unknown until housing became available in the Museum Lecture Room, one of the unknown functions of the Group of lasting benefit is the production of records. It is important that these records should be readily accessible to all Group members, so that they may be stimulated to do more useful work. Obvious gaps occur and cry to be filled up. Reports abound of minor karst features, such as blocked solution pipes, briefly checked out once on a Sunday afternoon, with a recommendation of promise with further work. Inadequate location information, usually or commonly not followed up; the only report becomes buried under heaps of others, and does not see the light until ten years later, by which time maybe the original contact has been lost, the farmer thinks we have lost interest and fills the rest in or erects a barn over the spot. The problem is one which will probably always be with us, but which can be lessened greatly by having accessible records. If we approach the Museum for more space they will to a man all burst into tears; they don't even have room for their hens' teeth collection! A permanent club-room or two, centrally located, would help immensely. A pipe-dream perhaps, but one day we may meet a kind millionaire. And when via do ... we'll have to buy a couple of old beds to store the stuff under. It wouldn't seem right to have it all in filing cabinets after all these years.

Grant Gartrell

QUARTERMASTER'S REPORT

The past 12 months have been more active than previous years as regards the use of Group equipment, the turnover being so great at times that the stores were often almost totally depleted, indicating greater activity in the Group, as well as the necessity for improving our basic equipment. The past year has also seen the inauguration of an adequate, itemised records system, meaning, that multiple items of equipment have been numbered, allowing, their history to be traced from purchase to the present. The system has proved most successful and will, I hope, continue to be used and improved by future quartermasters.

The greater usage and turnover of gear in the past 12 months has also taken its toll on the state of the gear. This has been most noticeable on the more heavily used items, namely ladders and ropes. One ladder has been completely scrapped due to wear and fracture in some strands of the cables, and a second has been shortened, fortunately only by one rung, after the rung had been buckled and had collapsed. Ropes have fared similarly after the antics of one Group member whilst cleaning out the entrance shaft of Town Cave, a task that sorely needed tackling. The ropes retired were all manila, and had been in the Group's possession for many years. It was fortunate that a situation arose wherein they could be retired honourably.

On the positive side, the year has been successful in that co-operation between members and the QM has been greatly improved. A number of members have donated both large and small items of equipment, the most urgently needed and largest item being a map cabinet which should provide a far better home for our maps than the underside of various people's beds. The Group has been bequeathed some equipment from the estates of past members. Where appropriate this equipment is being held for emergency use only.

Major items of equipment recently to come under the Group's protective umbrella were the new GQ Paraguard S & R stretcher, and the Electric Jackhammer and associated equipment. These items have been bought by, and remain the property of, the Department of Environment and Conservation, but have been purchased on the recommendation of our Group, with the expectation that they will be primarily used by the Group. These additions to the range of equipment accessible to us have proved most invaluable, and would have been quite beyond our resources without the support of the Department of Environment and Conservation. The jackhammer has already proved its worth. We trust the stretcher will not be called upon to do likewise.

In the coming year I would recommend that the Group purchase a further suitable length of No.4 nylon climbing rope and some 12mm manila to replace well used ropes in stores. The present Committee has been enquiring into the Group's ladder situation and hopes to stage a ladder construction evening in the near future. How many carbide lamps should the Group have? Two of the three we at present possess are virtually useless. I would also recommend that CEGSA become metric-converted with the purchase of at least one metric tape measure for survey, preferably a 30m tape.

In summary, 1973 - 74 was a healthy year for the Group's gear, but the coming year can be even better. It requires only a little care, help and co-operation on the part of every individual member.

David Hawke

CAVING ACTIVITIES

If this could be read in conjunction with last year's report we could go a long way towards alleviating the paper shortage. Much of the work has been done by the same people as last year, and in the same manner. There has been a tendency to concentrate our efforts into one or two main projects, and a number of recommendations for future work made last year have not yet been acted upon. Most of these will safely keep for the future but should not be forgotten. The present approach seems preferable to that of spreading our limited manpower resources too thinly.

Yorke Peninsula and Adelaide

Sellicks Hill has been visited, and nobody has been lost yet. Little has been found in the way of new cave. The surface sinks got some attention, and there is an unbelievable rumour around about a big rock. Dennis Burke and a hired jackhammer and generator and a big hill to lug up and down again. Good luck to you, sir! A new quarry has appeared on the same band of limestone, a mile or so to the north, and we should ingratiate ourselves with the management to see if they can dig up any nice caves for us. Oh dear - there's limestone in them thar hills.

One brave little field day at Reynella was repelled by driving rain, and a hike westwards over the hilltops to locate a second small cave progressed in an easterly direction due to strong headwinds. Members were lucky to be able to grab their car door handles as they blew past and no-one was lost.

And so to Curramulka, about which the following was contributed by I. Lewis, closely followed by (P.S. IF THIS IS EDITED - WATCH OUT !!)

As reported in various newsletters this year, Corra-Lynn (formerly Correll's) Cave has taken off in a spectacular way. Leading the upsurge in this Speleological Renaissance were Graham Pilkington, Tim Burke and Paul Dixon who dug through into a new south-western extension currently estimated at 4000 ft (Ah-ha! Gotcha! 1300m. (G.G.)) or more. Systematic digging efforts by Max Meth and Dennis Burke have confirmed or dispelled the potential of a large slice of the 157 registered digs in this cave and the spectacular progress has at last almost all been put onto a map through Ian Lewis's innumerable surveying trips.

At the time of writing our maps are 2000 feet short of the 4-mile mark with an estimated 2000 feet of survey to go to complete the cave as such - two rather breathtaking statements really. The first statement confirms that we have Australia's 3rd longest cave, and as for having it all on paper - c'est incredible !

An excellent set of concrete steps have been set in the entrance doline and are regularly swept (yes, swept!) by Max. Also, threatened in January by the prospect of 80 scouts per day for 10 days (from the Jamboree) going through our hard earned new section, two strategic gates were installed in very small, rather excruciating positions. The sharpened, pointed cross pieces will deter any destructive urge or undersized non-official explorers!

Recently, ambitious CEGSA photographers used up their Nullarbor films by taking several Diprotodon shots in Corra-Lynn in the larger chambers and it is hoped that one of these will grace the cover of the newly-commenced Corra-Lynn Continuous and Individual Record Book, a master log book of caving activity there.

Town Cave came under much notice inevitably as hopeful theories suggested that we may yet join the two caves. A major achievement was the removal of the remaining dangerous old ladder that now leaves the 37m entrance pitch free for S.A.'s best cave abseil and for good examination of the shaft itself. This year however, trips are planned to give this cave a rigorous pushing, especially in the roof-holes, and prospects are good. The only problem is getting cavers fit to do a full day's caving there.

One trip to Warooka, further down Yorke Peninsula, discovered more than 20 surface solution features of which one can be entered into a small chamber with some digging prospects.

No further digging has yet been undertaken in Bone Cave at Curramulka.

Eyre Peninsula

This rarely-trodden corner of the world was visited twice during the year. In January three vehicles called in on the return journey from the Nullarbor trip, which seems to be the practice of latter years. However, in what must have been one of the most spectacular starts to any S.A. caving trip (excepting of course K.I. trips by the good ship Spewbridge. (G.G.)), several people earlier this year FLEW from Adelaide to Port Lincoln, picked up a borrowed ute and headed north to Lake Hamilton where they found the caves unchanged (thankfully) and the hospitality as delightful as ever as they visited the Homestead and its cave.

Returning to Port Lincoln they investigated several new sinkholes one of which led into a large spiral (!) rockfall chamber that reaches 31 metres deep but does not appear to go further. This so-called Deathtrap Cave (E-13) threatened to entomb the party when several inches of rain formed a creek that (of course!) drained straight down the hole and significantly reshaped the entrance in the process. Further pushing after the Nullarbor Trip revealed a small lake in this cave that warrants diving exploration - this is planned for 1974. It is hoped that the proposed hovercraft from Wallaroo to Cowell will bring the Eyre Peninsula within easy reach of Adelaide (200 miles less!!) and open up the area to more intensive trogging.

Nullarbor Plain

Things aplenty have been discovered and done out west this year. A second Nullarbor Cave Diving Expedition led again by Ian Lewis succeeded in discovering 4350 feet of cave in about 9 caves over a period of 3 weeks in January 1974. Diving discoveries accounted for about half of this and the programme was so intensive that every cave on the Plain known to contain water, except for one, has now been investigated by CEGSA divers and pushed. Nullarbor records are to be brought completely up to date this year on the basis of these findings.

Undoubtedly the diving highlight of the Expedition was the discovery of a 550 foot sump in Tommy Grahams Cave that led through two large tunnels and a maze to a small lake at the bottom of a huge dry chamber. Beyond this was a third beautiful lake and

another gigantic sump which was only penetrated for 350 feet (we ran out of guide line long before!) and vanished off into blackness.

Dry cavers had a field day in Murra- El- Elevyn Cave discovering and mapping 1000 feet of brand new mazes coated with gypsum flowers and needles. In Mullamullang, 1000 feet of unsurveyed cave was put on paper and new extensions were cheaper by the dozen - the old story. Immense fun was had by all cavers who transported diving equipment into Koonalda Cave through two long lakes of glutinous mud and sheep dung about chest deep (occasionally nose deep!). We are indebted to the S.A. Protector of Relics (the cave is a valuable archaeological site) for granting permission to enter to explore the 3rd lake in this which yielded another 400 feet of passage.

The next Nullarbor trip is likely to be in two years' and will probably concentrate on Mullamullang and surface location of new caves. Plans (very tentative at this stage) are to investigate the possibility of using a one-man gyrocopter to help in the searching. Anyone got one !?

Flinders Ranges

No large trips to the Flinders Ranges have been convened by the Group this year. A report of "Will-O-The-Wisps" in the Ranges south of Parachilna was followed up by Ron Galbreath in case it referred to mist rising from a cave entrance in the morning. However the originator of the story upon further investigation became vaguer and vaguer and the whole possible cave now seems to be a "Will-O-The-Wisp".

Kangaroo Island

One trip has made it to the Island this year, but as most of those present had never been before, the trip was largely occupied by familiarization of fairly well-trodden ground. A small dig in New Year's Eve Cave was extended slightly and still has some promise.

A search for K11 proved unsuccessful (as is often the case) due to poor visibility in the thick scrub, but a small cave with no obvious extensions (believed previously known to Doug Seton) was found in the general area.

An aerial reconnaissance of Flinders Chase, in particular the West Bay Hollow area, was briefly made by Grant Gartrell, and this will be the basis for some exploration to be undertaken during a trip to the Island at Easter in the coming year.

Lower South-east

Once again the water-filled caves of the area have been in the headlines. This time, as already mentioned in the Safety Officer's report, four interstate divers were drowned in "The Shaft" at Allendale East. As a result, a State Government Committee of inquiry was set up and has considered the problem rationally and in depth, in response to an apparent public demand stirred up by press coverage. This Group made a submission to that Committee. "The Shaft" contains clear water and is of gargantuan proportions, belling out as it descends and with an unknown total depth well in excess of 100 metres. Police divers searched to a depth of 70m in a vain attempt to recover the bodies. Several months later one of the bodies was found by a film crew diving in the cave at shallow depth. Presumably it floated up after a change in buoyancy associated with decomposition. The remaining three bodies may possibly follow, or perhaps may never be recovered.

Several digging and survey trips have been held to the Glenelg River area, each one reporting that breakthrough into new extensions is imminent. One day perhaps they actually will. Frank Buchanan, Ranger at Princess Margaret Rose Cave, and Cavers' Friend, still plans to leave in April to take up farming. We will be sorry to see him go and wish him well.

Caves in the Tantanoola area that it has been necessary to gate, namely Three Sisters, Tindales, and Lake Caves, require new gates made out of three inch thick armour-plate, with concealed locks and hinges. Tindales has just lost its fourth set of locks, the plate welded over to protect the locks after last time having first been cold-chiselled off. Fred Aslin also reports a two inch section has been cut from one of the lock hoops on the gate of the Lake Cave. This is on a Reserve administered by the Department of Environment & Conservation. Responsible cavers would not do this sort of thing. It is not hard to gain legitimate access to any of these caves by the right approaches through the Group. We hope whoever is doing it gets caught soon and locked away without their bolt-cutters.

Naracoorte

Naracoorte is still rewarding those devoting time to it with new extensions, breezes, and surface digs to keep us happy for many years.

Development of the Fossil Cave area and enlargement of some tunnels in the Victoria Cave have both progressed satisfactorily, again with plenty more yet to do.

An interesting discovery was made late this year by some members of the S.A. Museum Volunteer Archaeological Group in Wombat Cave. Bones obviously previously seen by many of us were recognised by them to be of human origin, presumably Aboriginal, and a timely reminder of the significance of the caves to the early history of Naracoorte. The moral is: don't just watch your head when you go caving, be careful where you put your feet too.

Ian Lewis & Grant Gartrell

STATEMENT OF INCOME AND EXPENDITURE FOR THE YEAR ENDING 23rd JAN 1974

EXPENDITURE		INCOME	
Subscriptions to and purchase of publications		Membership Subscriptions	269.50
Book	4.00	Sale of Publications	122.26
ASF Capitation	70.50		
Wm Pengelly	4.22	Trip Fees	112.88
Aust. Cons. Found.	5.00		
	83.72	Stickers & Badges	6.45
		Social Dinners	412.00
Stationery	90.94		
Hire of Lecture Room	12.00	Bank Interest	13.00
Postage	43.60		
E.T.S.A. Naracoorte Hut	11.48	Sundries	76.40
Purchase of Equipment			
Ropes	12.00	Balance as at 9-2-73	372.11
Padlocks			
Helmets	10.50		
	22.50		
Petty Cash	12.00		
Social Dinners	411.40		
Sundries	101.80		
Radio Licences	28.00		
Cash in Bank	567.16		
	1384.60		1384.60

CONTENTS OF THE QUARTERMASTER'S STORE
Office

Dyeline print machine
Duplicator
2 Typewriters
1 four drawer vertical file
1 map cabinet

Survey Equipment

2 miners dials
2x100' tapes, cloth, poor condition
1x100' tape, steel
2x60' tapes, cloth
2 short stadia
2 triangular dial baseplates

Search & Rescue Gear

First Aid Kits
2 sets webbing bands
3 field telephones & wire
1 Clarke stretcher, may be restorable

General Equipment

249' cable ladder
75' cable ladder, emergencies only
11 slings
6 helmets
3 carbide lamp, (2 U/S)
Bone sieves
Carbide sieves
500' manila rope (hauling etc.)
480' BS3104 No.4 Nylon rope
Digging gear (no shovels)
ladder making gear
Sundry etceteras and clutter.

CAVE EXPLORATION GROUP (SOUTH AUSTRALIA) – MEMBERS IN FEBRUARY 1974

HONORARY LIFE MEMBERS

Aslin, Fred. W.	29 Elizabeth St, Mt. Gambier 5290 Ph. 21233
Baker Mrs. W.A.J.	4 Cambridge Ave, West Beach 5024
Hamilton-Smith Elery	P.O. Box 36 Carlton South Vic 3053
Mollet Noel	51 Amber Road, Highbury 5089 (H)2642221 (W)2232222
Sanders Fred	8 Wattlebury Road, Lower Mitcham 5062 (H)2763839
Sexton Bob	c/- Highways Dept, Walkerville 5081 (W) 448161

HONORARY ASSOCIATE MEMBERS

Daily Dr. B.	10 Heading Ave, Campbelltown 5074
Jennings Dr, J.N.	Research School of Pacific Studies A.N.U. Canberra
Inglis Dr. W.G.	120 Osmond Tce, Norwood 5067
Ludbrook Dr. N.H.	110 Watson Ave, Toorak Gdns 5065
Tindale Prof. N.B.	53 Waite St, Blackwood 5051

FULL MEMBERS

Bailey Edwin	2 Boorman Ave, Pasadena 5042 (H)2768264 (W)259378
Bailey Trevor	Flat 8, Elsie St, Port Augusta 5700
Baker Harry	Cloudland Drive-In Theatre, Naracoorte 5271
Bakker Miss Joyce	4/40 Chopin Rd, Somerton Park 5044 (W) 513041
Bowen Rick	5 Second Ave, Wingfield 5013
Bowley Geoff	3/12 Woodforde Rd, Magill 5072 (W)471611 (W)304036
Burke Dr. Dennis	3 Rodney St, Woodville 5011 (W)452122 (H)456504
Carter Graham	PO Box 10, Lucindale 5272 (H) Lucindale 95
Cohen Dr. Harvey	Maths Dept, Latrobe Uni. Bendoora Vic 3083
Dasborough Bart	242 Pittwater Rd, Manly N.S.W. 2095 (H)9771040 (02-)
DeGraff Jerry	3/714 Ipswich Rd, Annerley Qld 4103
Dunn Bernie	4 Parsons Rd, Reynella 5161 (W)3822722, xtn 207
Foulds John	174 Anzac Hwy, Glandore 5038 (W)434162 (H)2937294
Galbreath Ron	66 Ashfield Rd. Elizabeth 5112 (W)2596346
Gamble Bill	8 Myall St, Renmark 5341
Gartrell Dr. Grant	45 Marlborough St, Brighton 5048 (W)2596298 (H)2982203
Gartrell Mrs. Leslye	“ (H)2982203
Goedecke Wayne	225 Findon Rd, Findon 5023 (W)452391 (H)452411
Havens Gary	21 Kurrajong Cres, Nightcliffe NT 5792
Hawke David	43 Semaphore Rd, Semaphore 5019 (H)497070
Hawkes Peter	46 Hardy St, Glengowrie 5044 (H)2953658
Hocknell Peter	133 Murray Road, Port Noarlunga 5167 (W)2972333
Hopkins Jim	65 Pick Ave, Mount Gambier 5290
Hughes Mrs. Marilyn	8 Lilka Street, Gepps Cross 5094 (W) 877531
Hutchings Rick	c/- 46 Hardy St, Glengowrie 5044
Jackson Athol	6 Hudson Ave, Rostrevor 5073 (H)3378759 (W)2596795
Lake Dr. Tony	31 Lutana Cres, Mitchell Pk 5043 (W)2967356, 513255
Lake Mrs. Pat	“ (H)2772152
Lewis Ian	12 McLachlan Ave, Glenelg Nth 5045 (H)2956582 (W)876829
Linke Vic	3 Napier St, Renown Park 5008 (H) 463105
Matthews Dennis	c/- 12 Sutton Ave, Seacombe Gdns 5047 (W)2230461 x251
Meth Max	12 Clove St, Mansfield Pk 5012 (W)870361 (H)456744
Miles Mr. M.	24 Karabar St, Fairfield Heights NSW 2165
Ninnes Gordon	25 Third Ave, Forestville 5035
Pailthorpe Richard	50 Yeronga Ave, Kensington 5068

Peisley Mrs. Dot	23 Dorset St, Brahma Lodge 5109 (H,W)2582888
Pilkington Graham	66 Eyre Crescent Valley View 5093 (W)2230461 (H)2642598
Pledge Neville	c/- SA Museum North Tce, Adelaide 5000
Robertson Peter	134 Fordham Ave, Camberwell Vic 3124
Sangster Hugh	36 Gover St, North Adelaide 5006 (W)510441
Rivett Brian	31 Trimmer Pde, Findon 5023
Sharpe David	3 Blanche Ave, Magill 5072 (W)2233866 xtn387
Warren Peter	9 Athalie Ave, Parafield Gdns 5107 (W)515862 (H)2584443
Wells Rod	7 Parish Hill Rd, Uraidla 5142 (H)303150
Williams David	67 Jenkins Tce, Naracoorte 5271
Wilson Miss Anne	7/16-18 Jeffrey St, Brooklyn Pk 5032 (H)3523662
Wilson Miss Jane	22 Quick Rd, Mitchell Pk 5043

ASSOCIATE MEMBERS

Alvero Butch	203 Esplanade, Seacliff 5049
Barrow Simon	26 Caloroga St, Wattle Park 5066 (W)447711 (H)319908
Bayly David	36 Penno Pde Blackwood 5051 (H)2782310
Bishop Mr T.	Oaklands, Yorke Peninsula 5582 (H)Yorke town 330
Boulton Greg	17 Elston St, Brooklyn Pk 5032 (W)511187
Brown Allen	15 Meredith Avem Glengowrie 5044 (H)2954406
Cairney Peter	Kathleen Lumley College 51 Finnis St, North Adel.
Carthew Robert	6 Jetty Rd, Brighton 5048 (H) 2967415
Clerk John	24 Victoria Ave, Unley Park 5061 (H)3838738
Copping Miss Lorraine	6/337 Angas St, Adelaide 5000
DaCosta Dean	59 Ballarat St, Fisher ACT 261.1
Dennis, Mr M.	"Hillside", P.M.B. Naracoorte 5271 (W)621216 (H)655035
Dixon Paul	74 Gladstone Rd, Brighton 5048
Evans Mrs Lin	c/- 18 Repton Rd, Somerton Pk 5044
Gooley Mr. D.	7/5 Kintore Ave Prospect 5062 (W 450222
Hood Stephen	66 Partridge St, Glenelg 5045
Horne Miss Heather	Box 596 Naracoorte 5271 (W)621216
Hughes Steve	8 Lilka St, Gepps Cross 5094 (W)2232272
Hutchison Mr A.	24 Memorial Drive Naracoorte 5271 (H)621522
Johnson Miss Verlee	PMB 231, Naracoorte 5271 (W)Luc.173 (H)Spence 43
Kiripolski Miss Irene	55 Acacia St, Seacliff 5049 (H)2966552
McDougall Rod	7 Alexander St, Largs Bay 5016
Mock Mr R. J.	Box 158 Bordertown 5265
Moriarty Kevin	c/- Earth Sciences, Flinders University, Bedford Pk
Moskovits Paul	29 Wellington Tce, Fullarton 5063 (W)794164 (H)ditto
Murley Barry	23 Koongarra Ave Magill 5072 (W)2231913
Oxley Neil	17 Anselm St Christies Downs 5164 (H)c/-2768284
Pilkington Mrs Ann	66 Eyre Cres, Valley View 5093 (W)517400 (H)2642598
Prust Phil	5/10 Lindsay St, Camden Pk 5038
Restall Bill	c/- Bureau of Meteorology, Melbourne
Rogers Mr. P.	PMB 86 Naracoorte 5271 (H) 647440
Sare David	10 Cambridge Tce Brighton 5048 (H)2967988
Sare Gilbert	"
Shearing Dennis	c/- Commercial Banking Co. of Sydney, 41-50 Berkely St, London W1, England
Smith Robert	PMB 232, Rocky River Service Kingscote KI 5223
Squire Graham	17 Thorngate Drive Belair (H)2785606 (W)877472
Sutton David A.	5 Holden St, Kensington Pk 5068 (H)310388
Webb Mr R.	c/- Lincoln College North Adelaide 5006
Van Wyk John	Box 480 Naracoorte 5271 (H)622531
Young John	24 Kipling Ave, Glengowrie 5044 (H)2942671

OTHER ORGANIZATIONS IN RECEIPT OF CEGSA PUBLICATIONS:

Adelaide Bush Walkers, Box 1982 G.P.O. Adelaide 5001
 Adelaide University Mountain Club, c/- Sports Assn, Uni. of Adelaide
 Aust. Conservation Foundation, 206 Clarendon St, East Melbourne 3002
 A.S.F. Librarian, c/- 8 Panorama Rd, Lane Cove NSW 2066
 A.S.F. Newsletter Editor c/- 22/53 Alice St, Wiley Park NSW 2195
 A.S.F. Secretary, c/- 1/72 Best St, North Fitzroy Vic 3068
 Mr. H. Bakker, Ranger, Oraparinna National Park, PO Box 5, Blinman
 Barrier Rangers, PO Box 515, Broken Hill NSW 2880
 Blue Mountains Speleo. Soc., PO Box 37 Glenbrook NSW 2773
 Canberra Speleo. Soc., PO Box 530 Canberra 2600
 Cave Research Associates, 3842 Brookvale Rd, Castro Valley, Calif.94546
 C.R.G., "Lindum", The Homend, Ledbury, Herefordshire, England
 Central Qld Spel, Soc, c/- Mrs J.M.Kersey, 4 Lennox St, Rockhampton 4700
 'Helictite', PO Box 183, Broadway NSW 2007
 Kempsey Spel. Soc., c/- 2 Albert St, Kempsey NSW 2440
 M.U.S.I.G., c/- The Union, Macquarie Uni., Balaclava Rd, Eastwood 2122
 Metropolitan Spel. Soc., PO Box E120 St James, Sydney NSW
 Monash Bushwalking Club, Monash University, Clayton Vic 3168
 National Fitness Council, 70 South Terrace, Adelaide 5000
 National Speleo. Soc., Cave Ave, Huntsville, Alabama U.S.A. 35810 National Sp p
 National Uni. Caving Club, c/- Sports Union ANU PO Box 4 Canberra City
 Natural History Soc. of S.A. c/- 23 Sunset St, Athelstone 5076
 Nature Conservation Soc. of S.A. 7 Stewart Ave, Salisbury 5106
 Newcastle Speleo. Assn., PO Box 86 Broadmeadow, NSW
 Newcastle Uni. Spel. Soc., PO Box 4, Tighes Hill, Newcastle. NSW
 NSW Inst. of Tech. Spel. Soc., PO Box 38, Brickfield Hill NSW 2001
 Niugini Caver, c/- R.M.Bourke DASf Keravat, East New Britain PNG
 Northern Caving Club, 62 Cross Flats Cres., Beeston, Leeds 11, England
 Peninsula Speleo. Group, PO Box 250, Mona Vale NSW 2103
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 Preliminary Processing, National Library of Australia, Canberra 2600
 S.A. Dept. of Mines, 169 Rundle St, Adelaide 5000
 S.A. Field Naturalists' Soc., PO Box 1594M, Adelaide 5001
 S.A. Govt. Tourist Bureau 18 King William St, Adelaide 5000
 S.A. Library: Attn. S.A. Collection, Box 386A G.P.O. Adelaide 5001
 S.A.M.A.F. Bulletin Editor, 23 Chatsworth Grove, Toorak Gdns 5065
 S.A. Museum, North Terrace Adelaide 5000
 S.A. National Parks and Wildlife Service, Tinsmiths Bldng, 135 Waymouth St Adel. 5000
 Southern Caving Soc. PO Box 121 Moonah Tas 7009
 Speleo Abstracts Editor (SSS) PO Box 198 Broadway 2007
 Sydney Speleo. Soc. PO Box 198 Broadway NSW 2007
 Sydney University Spel. Soc. Box 35 The Union Sydney Uni. NSW 2006
 Tasmanian Caverneering Club, Box 641G, GPO Hobart, Tasmania 7001
 The Curator, Naracoorte Caves Conservation Park, Naracoorte SA 5271
 Uni. N.S.W.S.S. Box 17 The Union Uni. of NSW PO Box 1, Kensington 2033
 Uni. Queensland Spel. Soc., Student Union Uni. of Qld, St Lucia Qld 4067
 Victorian Spel. Assn., Box 5425CC, GPO Melbourne Vic 3001
 Western Aust. Spel. Grp Box S1349 GPO Perth 6001
 Wm Pengelly Cave Studies Trust Ltd, 24 Sydney Rd, Bexley Heath Kent DA 6849 England
 Youth Hostels Assn, 72 South Terrace, Adelaide 5000