



Cave Exploration Group

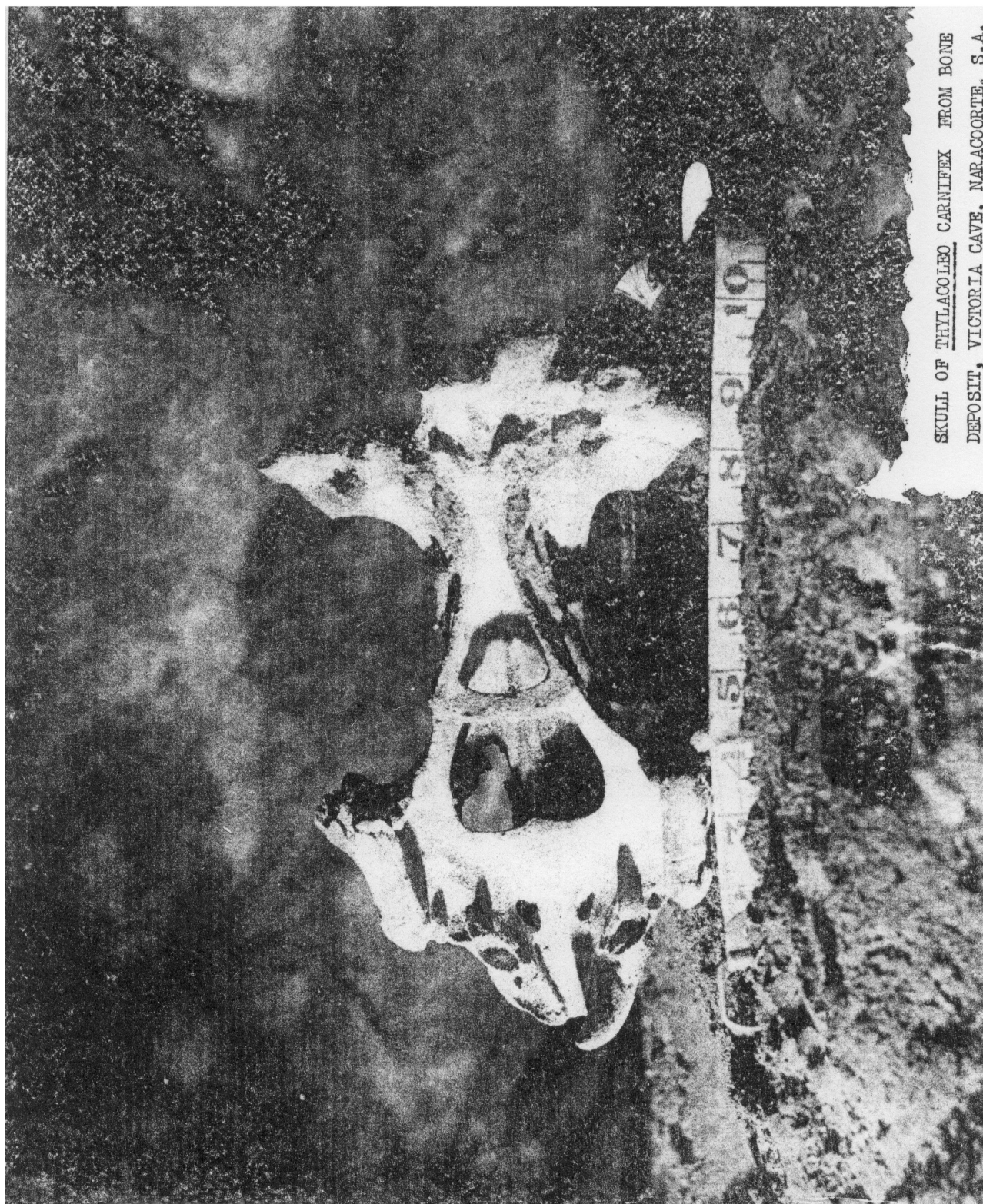
South Australia

C/O SOUTH AUSTRALIAN MUSEUM NORTH TERRACE ADELAIDE

ANNUAL REPORT

1969-70

FOURTEENTH ANNUAL REPORT to be presented to
the Annual General Meeting on Wednesday,
25th of February 1970 at the
Museum Lecture Rooms - North Terrace,
Adelaide at 8:00 p.m.



SKULL OF THYLACOLEO CARNIFEX FROM BONE
DEPOSIT, VICTORIA CAVE, NARACOOORTE, S.A.

CAVE EXPLORATION GROUP (S. A.)

Ladies and Gentlemen,

Your Committee has pleasure in submitting the following report covering the Group's activities and finances in the year ending 25th February 1970.

PRESIDENT'S REPORT

The past year has seen some very interesting trends and exciting developments in the activities of the Group. Although general meeting attendances were slightly down on previous years, a few good social ventures had excellent attendances and probably resulted in most trips being similarly well attended (average of 14). The spectacular increase in associate members this year indicated that a few social outings in the programme are desirable if not essential to ensure that we have a continuing stream of young active members. The significant fossil bone discoveries in a new extension of the Victoria Cave at Naracoorte also injected new life and interest as well as good publicity into the activities of CEGSA and serves as a good example of what a well managed project such as this can achieve.

Because of CEGSA's affiliation with the South Australian Museum and close association with the South Australian Government Tourist Bureau, I feel that the Group enjoys a unique position in the Australian speleological scene. It is the duty of all members to work towards cementing this association and to ensure that mutual co-operation exists with these bodies not only now, but in the future. As long as we do not become complacent about this situation, I can see no reason why projects such as the Victoria Cave cannot be a continuing facet of the Group's activities.

1969 has also been the year in which we at last achieved permanent Record and Library storage (mentioned elsewhere in this report). This should play a significant part in holding the interest of members and stirring them on to bigger and better things.

The above comments should be borne in mind when the time comes to elect a new Committee in February. The Group badly needs active members on the Committee, but it also needs people who can communicate with others. There are quite a few members who possess both characteristics and these are the people you should nominate for the Committee.

I would like to take this opportunity to thank all the Committee for the way in which they carried out their respective duties and for their co-operation in the many things that went towards making this a most successful year.

COMMITTEE

Your Committee for this year was:-

Bart Dasborough	President.
John Bishop	V./ Pres., - SAMAF Rep.
Barbara Dicker	Secretary
Grant Gartrell	Publications and ASF Rep.
Rod Wells	Records and Library.
Ron Galbreath	Treasurer.
Peter Hawkes/Bernie Dunn	Quartermaster.
Wayne Goedecke	Search & Rescue/ Membership.
Neville Pledge	Museum Representative.
Ern Maddock	Tourist Bureau Representative.

PUBLICATIONS

The major change for the Newsletter this year has been the alteration of the dates of publication. Although still issued quarterly it has shifted one month in order to allow the incoming Committee a little breathing space before it has to produce the first one. Another side-effect seems to have been that all Newsletters were produced on time, and have grown bigger and better to the point where they are even attracting unsolicited contributions from the proletariat. I would like to thank those who contributed articles to the Newsletter and exhort the rest to have a go at it too. Many of us, in fact, all of us have something worthwhile to share with our fellows. Don't keep your literary talents too deeply hidden! One day even you may wind up on Committee producing the thing. A little practice now will make the job of writing it all yourself a lot easier in the future.

A marathon duplicating and collating effort has finally resulted in the completion of approximately 200 copies of an 150 page Transcript of the Proceedings of the 7th Biennial Conference of the Australian Speleological Federation. This in itself was a formidable task, but nowhere near as horrible as the type-writing of the stencils from tape-recordings. Margot Matthews of the Victorian Speleological Association, with assistance from her husband Peter, spent hours and hours bashing away at faintly recorded tapes and scratchy diagrams to convert our dream of a transcript into reality. Without their inspiration and hard work CEGSA could not have set another first in Australian caving. Truly this highlights the worth of inter-club co-operation and justifies the existence of the Australian Speleological Federation. Our work can be important, but it isn't much use without proper publication. We should strive to improve and maintain the standards of future ASF publications and of our own publications. In the final analysis these are our shop-window.

MEMBERSHIP

The membership has increased considerably this year. Turnover has again been high, especially among the Associates, many of whom have become Full Members in less than 12 months. There are two new Honorary Life Members this year, - Bob Sexton and Noel Mollet, swelling the ranks to 6.

	1969	1968	1967	1966
HONORARY LIFE MEMBERS	6	4	5	5
HONORARY ASSOCIATE MEMBERS	4	4	4	3
FULL MEMBERS	41	37	35	37
ASSOCIATE MEMBERS	39	29	35	30
	90	74	79	75

SEARCH & RESCUE/ SAFETY

Once again we were fortunate that there were no calls upon our services in this field. No practice searches or rescues were held this year, possibly as a result of the large numbers of well attended strenuous trips on the program. 1969 has been perhaps the most active year yet in CEGSA.

Nevertheless, our contact list has been updated, and the large increase in the number of active members greatly improves our stand on a search call-up. There is a general awareness of the problems involved amongst those who attended the discussion held on this subject at one General Meeting, but theory is no substitute for practice where rescue techniques are concerned.

It is particularly important that Trip Leaders ensure strict observance of safety procedures among participants, and similarly important that as many people as possible learn the responsibilities of trip leadership, by actually leading their own trips under the guiding hand of an experienced leader. Many of our caves appear to be deceptively "easy". We should guard against complacency and really become familiar with them. Look at them critically and try to visualise the problems of removing someone through those crawls with a broken leg or worse injury. Encourage others to do the same.

We will never completely eliminate the chances of a call-up; the inexperienced "tourist" and private caver will always be with us, and even we are only human. When the time comes we must be able to acquit ourselves well. If we cannot appear to be efficient to the public in rescue procedures then accident publicity will do caving a great disservice. As well as life-saving our S & R Organization may be political and cave saving.

Are gates our solution? The strong gate recently installed at the top of the Town Cave, Curramulka, entrance shaft, has already withstood one onslaught which resulted in a jammed and bent padlock. This took place even while CEGSA was working in another cave only $\frac{1}{4}$ mile away. To what extent can we reasonably go to protect vandals and idiots from their own stupidity?

Our contact list consists of 23 members, most of whom are experienced cavers; 10 of these are on immediate call-up. Many more Search & Rescue members are needed to increase our strength, so please give it some thought and some time in 1970.

MEETINGS

General meetings for the year were attended by between 20 and 30 people with an average of 24. Apart from the usual hard core of regular attenders quite a few new faces were seen throughout the year and a goodly proportion of these were promptly signed up by our keen membership officer.

Guest speakers during the year were Mr. Graeme Pretty who presented us with a survey of Aboriginal monuments, Neville Pledge who gave us an illustrated tour of fossil deposits in various parts of the world, Rod Wells who spoke on Australian marsupials complete with live specimens, Denis King who showed a selection of excellent slides of the Canadian Arctic and Wayne Goedecke who led a lively discussion on the Search & Rescue organization and techniques. In addition to this there was a practical gear night and two film evenings.

CEGSA OCCASIONAL DINNER No. 1

Apart from the traditional Caveman's Dinner this was the main social venture of the year.

The Centralia Hotel was the venue for approximately 44 people who attended a "Back to CEGSA" barbeque grill. Alan Hill organized the evening and attracted many of the foundation members of CEGSA. The evening was highlighted by slides and anecdotes of the "old" days as well as a gigantic carbide lamp belching flames from all angles.

CAVEMAN'S DINNER

The 1969 Dinner was a smorgasbord at the Chesser Cellar with over fifty members attending. The annual photographic competition was conducted by Grant Gartrell. Toby McLeay received an honorable mention for his (the only) black & white entry and in addition won the popular choice section of the competition. Merrilyn Bateman won the personalities section.

The highlight of the evening was the presentation of leather medals to:-

- | | | |
|-----------------|---|--|
| Gary Lee Havens | - | A leather compass to help him find the left hand side of the road. |
| Ern Maddock | - | A leather medal for the biggest barbeque of them all. |

In addition

Wayne Goedecke was presented with "The Spirit of Caving" having arrived at the Dinner direct from a 24 hour trip to the South-east fruitlessly investigating the biggest cave rumour of all time for that area.

CAVING ACTIVITIES

Caving trips this year have been generally well attended and most productive. The Group has a large number of new very active members who should ensure that this trend continues.

KANGAROO ISLAND

Unfortunately no trips have been held to this area this year, although numerous projects await our attention. Time and inaccessibility are the main barriers, although the latter may in fact work to our advantage, protecting the caves from the vandalism and pollution so prevalent in mainland areas.

YORK PENINSULA & ADELAIDE

In Curramulka caving has continued as usual. The Town Cave has received considerable attention, some of it unwelcome. The Group completed installation of the gate mentioned in last year's report, and so far it has withstood one onslaught, although one of the padlocks was smashed in the attempt. This attempt to force it occurred even while the Group was caving not far away. One day was spent on the property of Mrs. Goldsworthy south-east of Town Cave, excavating a blocked sink shown to us in the middle of a paddock. This warrants further work. A mineshaft in the same paddock was descended for 80 feet but ended in a heap of rocks which people had used for sounding it without revealing the reason for its existence. The caves reported on the property of Mr. Norm Agnew, 5 miles east of town and visited by R.T. Sexton in 1961 have not yet been revisited, although Mr. Agnew gave the Group permission to excavate the blocked sinks. These should be re-checked at an early date and their locations positively recorded.

The Quarry Cave at Curramulka, although small, increased suddenly in depth recently when Chris. Horsfall, who was standing on the floor some 12 feet below the entrance suddenly felt insecure and wedged himself across between the walls. When the dust settled the floor had taken up a new position 20 feet further down. The cave is still merely a narrow fissure, but it could repeat the performance.

A further lake passage has been discovered in Town Cave and more remains to be done in this. Correll's Cave as usual has yielded further major extensions. Surveying, although horrible, is urgently needed to deduce trends at this stage.

An investigation of two sink-holes marked on the Truro 1:63,360 Geol. Survey sheet at the northern extremity of the Angaston marble outcrop could not locate them. It seems that they have vanished, probably as a result of farming in the region. Nevertheless, a visit to the I.C.I. marble quarry proved more interesting. The quarrymaster there was quite interested in the occurrence of caves in the stone and conducted the author on a tour of the quarry face, pointing out zones of solution. Formation removed from one chamber 20'x20'x7' encountered and removed during blasting decorated the office, and a pipe entrance, below which one could see a small chamber was also inspected. The limestone outcrop in this region deserves an emu parade to look for other possibilities.

Ancient reports of caves in the vicinity of Burra are currently under examination, but it is too early to say if these have any basis or not. There is, at least, a considerable amount of limestone in the area.

To the south of Adelaide a new caving area is unfolding, although it is still in its infancy. A number of sinks in the Delamere area hold some promise. Sellicks Hill provides the main interest, though, since the creation of new cuttings by the Highways Department in straightening and building the new Sellicks Hill Road. At the point where the road intersects a Cambrian limestone band in which we have been interested for some time, the roadworks revealed a cave descending at least 25' below road level. This contained good decoration in one section, but being so close to the road, the shawls all met with nasty accidents through vandalism within three weeks of the opening of the road. Much rubble has poured through the entrance choking the bottom of this hole and partially filling it. In the interests of public safety the Highways Dept has promised to gate it and present us with a key, after which time we can start clearing it out again. However the gate has not appeared as yet. A less obvious entrance has been dug out to yield a small cave which has descended in stages to a depth of 60' so far. A breeze is detected at the lowest point so far, which is well below road level. Further work should be well rewarded. Surface indications on this large band of limestone indicate that a great deal of solution has taken place, although no surface signs of the present cavities existed before the road-works. A major cave system may be forthcoming if the holes are large enough to fit through.

It is now possible to hold a week-end trip to the area and not have time to visit all known caves south of Adelaide.

EYRE PENINSULA

G. Gartrell

Once again, no trips have taken place this year.

FLINDERS RANGES

Perhaps the greatest find in the Flinders during 1969 was the re-discovery of the "Good Friday Cave". Let us hope it does not get lost again!

Mt. Simms Cave has turned out to be much larger than the A.S.F. Handbook suggests and is now being surveyed. The map should be completed in 1970.

Many known caves have been re-located and visited but many more are still to be found again. Amongst those re-discovered are F10, Woodendinna Cave (Narrina Lake Cave), Eyrie Cave, and Oraparinna Cave. There are no records of visits made to these caves by the Group for 10 years or so. F10 has been surveyed and the map is in preparation. Others will be surveyed in the near future.

The Flinders Ranges is a pleasant place to go caving, but summer trips are limited because of harsh conditions and the extreme bush-fire hazard. It is very important also that we keep

the locations of many of the caves secret. The numbers of casual visitors to the caves is increasing alarmingly, and much damage has already been done. Mairs Cave shows perhaps the greatest devastation by vandals and even well-intentioned but thoughtless visitors.

Our Group has been most particular to write to landowners before visiting their caves each time, and respect for us is slowly growing in the area. This respect is hard to come by, and easy to lose. Let's not spoil it. If we do it could mean an end to many of the caves of the Flinders Ranges.

W.R.Goedecke

THE NULLARBOR

The Nullarbor was visited by a small party this year. In Weebubbie Cave it was noted with great disappointment that a hole had been drilled through to the lake and a large pipe complete with underwater pump is in the chamber with the main lake. The no longer used polythene pipes and cables have been left on the floor of the cave along with large quantities of other rubbish. It is a great pity that this once beautiful cave has been so despoiled. If you possess photographs of this cave taken several years ago, hang on to them. They are irreplaceable.

Murra-el-evyn Cave has been extended through the rock-pile and approaches close to the surface below a rabbit warren. A new cave was explored 40 miles west of Nullarbor Homestead. It has a small doline with a 30 foot tunnel which ends at a hole in a rock through which a powerful breeze blows.

Weebubbie Cave is only one of many caves on the Nullarbor which are showing terrible scars from pollution and uncontrolled exploitation. Reports of blow-holes sign-posted for tourists to see near the highway being half-full of rubbish or smelling of rotting meat from twenty yards away are becoming alarmingly common.

The deep caves of the Nullarbor have great potential as future tourist attractions. The immense size of the chambers of caves such as Weebubbie and Abrakurrie, and their contrast to the surface landscape so desolate and flat must class them high amongst the "seven wonders" of the World. We strongly urge that some Government control be introduced to protect these caves for posterity from unnecessary despoilation. We do not object to the pumping of water from Weebubbie Cave, but we protest at the manner of installation of the pump, and the filthy mess left behind. A perfectly good pipe was already laid in as far as the lake through the normal entrance, and yet a bore was pushed straight through the roof of the lake chamber... If the thought doesn't horrify you, go and see it for yourself. It would be like using a run of stobie poles and street lights to illuminate a Naracoorte tourist cave, - just as imaginative and just as subtle.

J.D. Bishop

THE SOUTH-EAST

Timely representations on cave pollution in the South-east were made by Fred Aslin and Grant Gartrell to a State Water Resources Committee investigating the state of existing and future water supplies for the State. Copies of their reports should eventually be in the Group library. Whether the seeds sown will bear any fruit it is still too early to tell.

Among recent outstanding examples of stupidity first prize must go to whoever tipped a load of fresh sheep carcasses into the Three Sisters Cave at Tantanoola. This cave, conveniently located at the side of a road, was once gated by the Tantanoola District Council, although the grill has not been locked for some time. The latest report is that it is missing altogether now, and as it is doubtful that it would fit down the hole it seems likely that it has been stolen. We can only keep trying.

The Victoria Cave.

The discovery of an extension to Victoria Cave at Naracoorte in September '69 has heralded an entirely new concept in Australian Cave Tourism and has done much to enhance the name of C.E.G.S.A.

As reported in the Jan-March Newsletter many club members are involved in the excavation of the bones of countless extinct marsupials. The remains of these animals include giant kangaroos, cave lions and diprotodons, which although comparatively well known to paleontologists are rarely displayed to the general public. At Naracoorte we are taking the opportunity to develop a unique underground museum of prehistory. This museum will be able to provide a dynamic display in the form of an actively developing paleontological dig. Specimens for the different stratigraphic horizons will be displayed in situ with explanatory notes on their age, appearance, habits and habitats.

To date we have excavated only the top 6 inches of sediment over a very limited area but this work alone has yielded so much material that we have had to call a halt so that it may be adequately mapped and catalogued. Work is proceeding on the installation of electric light and this when completed will greatly facilitate progress.

A small grant from the S.A. Govt. Tourist Bureau has enabled us to defray some of the expenses incurred by members travelling the 250 miles to Naracoorte and has helped maintain an average monthly attendance of fifteen people. It must be pointed out, however, that due to the confined space and the fragility of the material we can only use a limited number of people in the cave and of course preference is naturally extended to those who have attended regular digs and thereby developed some considerable expertise. Nevertheless if you are genuinely motivated by vertebrate paleontology we will welcome your services and endeavour to train you in the various techniques.

Since the discovery of the fossil chamber Bob Henzell and Tom Persson have extended the cave even further through some of the most magnificent chambers to be seen in caves in this State.

This new extension offers magnificent possibilities for tourism and Bob Henzell and Grant Gartrell will be undertaking a separate project to develop this area.

It is very fortunate that the Victoria Cave is in a Govt. Reserve as this has enabled us to maintain strict control over it and thereby limit the damage done by indiscriminate exploration. One of the first tasks has been to construct pathways through the caverns for even 15 cautious CEGSA people all taking a separate course across a cave can soon mar its beauty. Furthermore the S.A. Govt. Tourist Bureau has included a museum in its new building at Naracoorte in which Ern Maddock plans to display much of the work of the Group. This I am sure will help considerably in our public relations in the future.

R.T. Wells

The Latest Extension to Victoria Cave.

Extensive cave has been discovered beyond the fossil bed chamber in Victoria Cave. An estimated 2400' of passage has been entered with numerous passages remaining to be explored. This passage includes a number of large chambers (up to 120' across) and the formation in this new section is very beautiful: large areas of flat flowstone floor, masses of stalactites, enormous columns etc., and all active. Some of the individual areas of formation are incredible in their profusion.

In a cave such as this, where one false move means the loss of some formation, the emphasis must be on protecting valuable areas by bypassing them with tunnels or by making paths through them to restrict human influence to the smallest possible area. This will mean work initially by a limited number of people to achieve these objectives, followed by more general entry with the final aim being to make the new extension a tourist cave.

R.P. Henzell

Amazingly, despite the impression created above work has continued steadily in a number of other caves at Naracoorte. However, as little of major significance has emerged, although numerous major breakthroughs are imminent, we will save this for next year's report.

Punyelroo Cave at Swan Reach was visited on several occasions. Several small extensions were noted, and in one place entry was gained into a chamber containing a small lake, apparently at the river level - water table. The main passage was explored for a considerable distance past "Randall's Rock" eventually being blocked by a narrow squeeze through rock slabs. The nature of this cave gives little incentive to even the most inveterate digger to discover any more of it, although it is good for a day's exercise and weight-reducing. A number of bats were again seen roosting in the "cheese-work" holes in the main passage roof.

S.A.G.T.B. REPRESENTATIVE'S REPORT

This is the first annual report from the first S.A. Govt. Tourist Bureau representative on the C.E.G.S.A. Committee and it has really been a rewarding year both for the Bureau and the Group. For me personally the experience has resulted in a more or less mild attack of schizophrenia as a result of being at one time both a member of C.E.G.S.A. and Bureau rep. The personal highlight of the year was the moment of having the Order of the Leather Medal pinned on my left breast. So now take a look at the records I have created: - the first Curator of National Pleasure Resorts to be a member of C.E.G.S.A., the first Bureau rep. on the CEGSA Committee and the first Bureau rep. to receive the leather medal and then remember I was also a member of the party at Naracoorte when the breakthrough was made into the Victoria Cave Extension.

This discovery surely was one of the greatest things that has happened to C.E.G.S.A. and has opened up a whole new concept of cave exploration for the Group and a whole new concept of cave tourism for the Bureau. The opportunity for carrying out a worthwhile program of exploration and scientific investigation with a worthwhile objective and all the publicity which this has to offer could lift C.E.G.S.A. to a degree of public recognition which it has not before achieved. But it is necessary to remember that this can only be realised by complete co-operation with the Tourist Bureau because, sad thought, C.E.G.S.A. does not own any caves and can only operate by maintaining good relations with their owners whether the owners are Govt. Departments or private land-holders.

I feel sure that if this co-operation is maintained that the future years will be as rewarding as the one just past and I personally will continue to work with my own dim and devious methods to achieve this result.

Thank you C.E.G.S.A. for accepting me as a person as well as a Tourist Bureau Rep.

Ern Maddock.

QUARTERMASTERS REPORT

There have been two club Q.M. this year. Both unfortunately had to resign for personal reasons before the end of the year. As a result the gear is now split between Wayne Goedecke's place and 413 Crossroads.

Three of the Group's ladders were deemed to be totally unserviceable during the year and are now attached to the pulling end of the sand barge in the Sand Cave at Naracoorte. The diggers report that this is a great improvement on the ropes they replaced. One of the other ladders is in need of repair, which leaves us with about 300 feet of good ladders. Our thanks go to Alan Hill who made up 75ft. of ladder using Araldite to fix the rungs to the cable. With more people using ladders on trips the club will once more have to get down to ladder making evenings.

B.W.Dunn

GEAR LIST

Survey Equipment.

1 Miners dial
2 Tripods
2x100ft. fibreglass tapes
1x100ft. steel tape

Office Equipment.

Dyeline print machine
Typewriter
Duplicator

General Equipment.

300ft. ladder
3 slings
1 Clarke stretcher
8 helmets
1 trenching tool
2 First aid kits
1 set scales
500ft. manila rope
120ft. nylon rope
3 Don-V telephones
4 Carbide sieves.
2 sets bone sieves
2 Carbide lamps.
2 Sand-hauling barges
Ladder-making equipment
Miscellaneous equipment.

LIBRARY & RECORDS

After many years of a nomadic existence the CEGSA library has finally come to rest in a new bookcase in the Museum Lecture Room. Unfortunately the library is still in a parlous state. A large portion of the records and reference section were delivered to the librarian quite late in the year and hence it has been difficult to establish any form of system.

I would however like to make the following recommendations:

- (1) That the librarian be in charge of a small sub-committee responsible for the catalogueing and shelving of periodicals and books and maintenance of club records.
- (2) That in the interests of uniformity we adopt the Australian Speleo. Federation library system.
- (3) That a special area be set aside to display new periodicals and books at each meeting.
- (4) That we urgently require a map cabinet to house these valuable records.

R.T. Wells.

TREASURERS REPORT

The totals in the financial statement this year are of course less than last which was the conference year and had more turnover as a consequence. Our largest source of income has been from members' subscriptions which increased, whereas other items, trip fees, magnesium powder & badge sales are lower. The return from the conference fund is mainly due to the sale of publications and combined with this the amount under this heading is a substantial part of our income. All of the first batch of ASF Handbooks have been sold and more have been purchased for club stock. Subscriptions were made to the Mountain Activities Federation and for the following journals: Helictite, Rucksack, National Speleological Society, Cave Research Group of G.B., and the Pengelly Cave Studies Assn. Although the bank statement shows a slight reduction since last year it still looks very healthy.

R. Galbreath

BALANCE SHEET FOR THE YEAR ENDING 25-2-70.

<u>Income</u>		<u>Expenditure</u>	
Membership subscriptions	\$179-10	Room hire	\$ 13-50
Publications	96-23	Stationery	32-31
Trip fees	6-40	Postage	47-85
Conference fund	50-04	Handbooks	105-00
Occ. Dinner No. 1	7-00	Printing paper	80-00
Annual Dinner	139-50	Carbide	38-40
Magnesium powder	2-25	First-aid materials	16-40
Badges	1-50	'Chesser Cellar'	151-80
Stickers	8-70	Wreath	3-50
	<u>490-72</u>	Padlock & cement	7-91
		Reels	4-70
Cash from '68-'69	11-11	Bag (for treasury)	9-05
Bank interest	32-52	Refund	3-50
	<u>534-35</u>	Exchange & returned cheque	1-53
Bank balance 31.1.69	930-18	Subs. to journals	46-97
			<u>562-42</u>
	\$1464-53		
		Cheque from '68-'69	3-00
		Bank balance 9.2.70	895-78
		Cash in hand	3-33
			<u>\$1464-53</u>

CAVE EXPLORATION GROUP (SOUTH AUSTRALIA) - LIST OF MEMBERS FEB.1970

HONORARY LIFE MEMBERS

Correll, Mrs. R.H.	c/- Post Office, Port Vincent S.A. 5581
Hamilton-Smith, Elery	P.O. Box 36 Carlton South, Vic. 3053
Hill, Alan	84 Perseverance Road, Vista S.A. 5091
	(W) 59-705 (H) 64-1523
*Mollet, Noel	"Walpi" 23 Amber Road, Highbury S.A. 5089
	(W) 23-2222 (H) 64-2221
Sanders, Fred	8 Wattlebury Road, Lower Mitcham, S.A. 5062
	(W) 51-3458 (H) 76-3839
*Sexton, R.T.	95 Portrush Road, Erindale S.A. 5066

HONORARY ASSOCIATE MEMBERS

Daily, Dr. B.	10 Heading Ave., Campbelltown S.A. 5074
Jennings, Joe	Research School of Pacific Studies, A.N.U., P.O. Box 4 Canberra A.C.T. 2600
Ludbrook, Dr. N.	110 Watson Ave., Toorak Gdns S.A. 5065
Tindale, Norman	53 Waite Street, Blackwood, S.A. 5051

FULL MEMBERS

Aslin, Fred	29 Elizabeth St, Mt. Gambier, S.A. 5290
*Allanson, Judith (Miss)	41 Lindsay St, Plympton S.A. 5038
	(W) 23-3180 (H) 53-4904
Bakker, Joyce (Miss)	Flat 4 St. Annes Flats, 40 Chopin Road, Somerton Park, S.A. 5044
Bishop, John	11 Auburn Ave., Myrtle Bank, S.A. 5064
	(W) 63-4844 (H) 79-5907
Bolland, Peter	91 Hunter Crescent, Salisbury Nth, S.A. 5108
Butterfield, Dr. Anthony	Lot 42, Victoria Pde, Darlington 5047
	(W) 23-4333 ext. 2310 (H) 96-5825
*Bateman, Merrilyn (Miss)	27 Beckman Street, Glandore S.A. 5037
	(W) 23-2272 (H) 53-3128
Chappel, Peter	46 Ormonde Ave., Enfield Heights S.A. 5085
	(W) 51-6790 (H) 62-5092
*Carter, Graham	P.B. 21 Lucindale, S.A. 5272
*Clarke, Cynthia (Miss)	2 Gray Street, Kurralt Park, S.A. 5038
	(W) 51-1311
Dasborough, Bart.	c/- Control Data(Aust), 221 Miller St., North Sydney 2060
Davies, Robert	53 Cator St., Glenside, S.A. 5065
	(W) 23-0461 ext. 315
Dicker, Barbara (Miss)	44 Gloucester Flats, 14 Yorktown Road, Elizabeth East 5112 (W) 59-5243
Dolan, Harry	315 Unley Road, Malvern S.A. 5061
	(H) 71-2281
Dunn, Bernard	3A Moten Ave., Glenelg North 5045
Galbreath, Ron	66 Ashfield Road, Elizabeth S.A. 5112
	(W) 59-6346
Gartrell, Grant	47 Folkestone Road, Brighton, S.A. 5048
	(W) 23-4333 ext. 2029
Gartrell, Leslye	Address as above (W) 23-2272 ext. 274
Gliddon, Graham	6 Brand Ave, Welland S.A. 5007 (H) 46-3624

Goedecke, Wayne	225 Findon Road, Findon S.A. 5023 (W) 45-2391 (H) 45-2411
Hawkes, Peter	C.R.A. Ltd, Kieta, Bougainville Isle. New Guinea.
Holderness—Roddam, Bob	c/- E.S&A. Bank, St. John Street, Launceston, Tasmania.
Holt, Ian	50 Galway Ave., Broadview S.A. 5083 (W) 61-1922 (H) 65-6074
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Hutchings, Richard	DDA Telefomin, West Sepik, T.P.N.G.
*Havens, Gary Lee	Mildura, Victoria.
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Mollet, Cynthia	"Walpi" 23 Amber Rd, Highbury, S.A. 5089
*McLeay, Toby	337 Payneham Road, Marden S.A. 5070 (H) 63-3341
*Macdonald, Malcolm	252 Cross Road, Kings Park (H) 71-6939
Robertson, Peter	134 Fordham Ave, Camberwell, Vic. 3124 (H) Melb. (03) 29-2647
Rouse, William	157 Military Road, Henley South S.A. 5022 (W) 455027 ext. 32 (H) 56-2220
Salvona, Jim	11 Vinall Rd, Clovercrest S.A. (W) 51-7888 (H) 64-2428
*Sangster, Edward	111 Esplanade, Hove S.A. 5048 (H) 967749
*Visser, Theo	11 Robert St., Croydon S.A. 5008
Wigley, Dr. Tom,	Dept. of Mech. Engineering, University of Waterloo, Waterloo, Ontario, Canada.
Williams, David	67 Jenkins Terrace, Naracoorte 5271 (H) 3494
*Wells, Rod	7 Parish Hill Rd., Uraidla S.A. 5142
*Wells, Alice	" " " " " (H) 38-3150
Young, Albert	"Gloucester", Flat 39, Yorktown Road, Elizabeth East. (W) 578053 ext. 245

ASSOCIATE MEMBERS

+Ansell, Noel	Music Master, The Friends College, Hobart, Tas.
+Bayly, David	36 Penno Pde, Blackwood S.A. 5051 (H) 782310
+Buddle, Roger	4 Farm Drive, Redwood Pk, 5097 (W) 51-9405
+Baker, Harry	c/- Cloudland Drive-In, Gordon St., Naracoorte, S.A. 5271 (W) 62-2160 (H) 62-1369
+Brewin, Anne (Miss)	87 Moseley St, Glenelg 5045 (H) 95-2994
+Bills, Charles	35 Marlborough St., College Park 5069 (H) 63-1864
+Boulton, Greg.	45 Ranelagh St, Woodville Park S.A. 5011
Cumming, Andrew	Roseworthy Agricultural College, Roseworthy S.A. 5371 (H) 24-8065

DaCosta, Dean	29 Norman Street, Findon S.A. 5023 (W) 51-9647 (H) 45-4055
Dawson, Robin	Roseworthy Agricultural College, Roseworthy, S.A. 5371 (H) 24-8065
+Edwards, Robin	52 Mercedes Drive, Holden Hill, S.A. 5088 (W) 51-1777
+Ellis, Ross	52 Bundock St, Randwick, N.S.W. 2031 (H) 39-5610
+Ellis, Grant	33 Chelmsford Ave, Millswood, S.A. 5034 (H) 53-3865
+Fabian, Walter	4 Hillview Crescent, Highbury SA 5089
+Gliddon, Diane	c/- J.S.C. Woomera 5720
Godley, Alice	24 Owen St., Goodwood S.A. 5034 (W) 511524
+Haines, Allan	112 Alma Terrace, Woodville West 5011
+Hartell, Jeffrey	57 Davis Ave, Christies Beach 5165 (W) 51-6790 (H) 82-2203
Hayward, Michael	Parkin-Wesley College, 20 King William Road, Wayville 5034 (H) 71-8046
Horsfall, Christopher	9 Angas Street, Kent Town 5067 (H) 33700
+Krauss, Richard	62 May Street, Woodville West 5011 (W) 51-4711
+Lake, Anthony	8 Thornber St., Unley Park 5061 (H) 716288
Lewis, Ian	12 Mc Lachlan Ave, Glenelg North 5045 (H) 95-6582
Lane, Maitland	20 Henley Beach Road, Henley Beach 5022 (H) 56-8177
Morgan, B.R.	—
+Muddle, Keith	5A Cluny Ave., Walkerville 5081
+Micklen, Michael	11 Willaroo Ave., Beaumont 5066 (H) 79-1596
+Morgan, Paul	9 Cooper Angas Grove, Wattle Park 5066 (H) 31-7692
+Martin, Peter	32 Lockwood Road, Erindale 5066 (H) 318170
+Playfair, Jeffrey	4 Fifth Ave, Semaphore Pk 5019 (W) 599.
Squire, Graham	368 Portrush Road, Tusmore S.A. 5065
Smith, Errol	92 West Street, Torrensville, S.A. 5031
+Thomas, Robert	5 George St., Torrens Pk. 5062 (H) 717792
+Turner, Michael	Flat 3, 26 Colley Tce, Glenelg 5045 (W) 951574
+Wesley-Smith, James	Private Bag 63, Naracoorte 5271 (H) 3216
Stanley, Allen	11 Orange Grove, Kensington Pk, S.A. 5008 (H) 33098
+Woodroffe, Paula (Miss)	28A William St, Mile End South S.A. 5031
Wright, Barry	413 Cross Road, Edwardstown (H) 53-5732
* Full membership 1969	+ Joined 1969

This is the address list as at Feb. 1970. If your name is spelt incorrectly, or you have moved, or if your entry is unsatisfactory for any other reason, please send an up-to-date version to the Membership Officer when paying your next subs.

THE GROUP EXCHANGES PUBLICATIONS WITH THE FOLLOWING:

Adelaide Bush Walkers, Box 1273 G.P.O. Adelaide 5001
Adel. Uni. Mountain Club c/- Sports Assn, Uni. of Adelaide.
Aust. Conservation Foundation, P.O. Box 91 Eastwood, N.S.W.
A.S.F. Librarian,
A.S.F. Secretary,
A.S.F. Newsletter Editor.
Canberra, S.S. P.O. Box 530 Canberra
Cave Research Ass. 3842 Brookvale Blvd. Castro Valley, Calif.
94546 U.S.A.
C.R.G."Lindum", The Homend, Ledbury, Herefordshire, England.
Central Queensland S.S. c/- Mrs. R.M. Kersey, 4 Lennox Street,
Rockhampton, Queensland 4700
Exeter Uni. S.S. Devonshire House, Stocker Rd, Exeter, Devon,
England.
Helictite, Box 183 P.O. Broadway, N.S.W. 2007
Kempsey S.S. c/- 2 Albert St., Kempsey, N.S.W.
Metropolitan S.S., P.O. Box E120 St. James, Sydney, N.S.W.
Monash Bushwalking Club, Monash University, Clayton, Vic. 3168
Nat. Fitness Council, 70 South Terrace, Adelaide.
National S.S. 609 Meadow Lane, Vienna, Va. 22180, U.S.A.
Newcastle Spel. Assn P.O. Box 86 Broadmeadow, N.S.W.
Newcastle Uni. S.S. P.O. Box 4 Tighes Hill, Newcastle N.S.W.
Northern Caving Club, 62 Cross Flatts Cres., Beeston, Leeds 11 Eng.
Orange Spel. Soc. c/- 15 Moresby St., Orange N.S.W.
Royal Geographic Soc., Institute Buildings, North Tce, Adelaide.
Sth African Spel. Assn. P.O. Box 4812, Cape Town, S.Africa
S.A. Dept. of Mines, 169 Rundle St., Adelaide
S.A. Museum, North Terrace, Adelaide.
S.A. Govt. Tourist Bureau, 18 King William Street, Adelaide.
Southern Caving Soc., 4 Syme St., South Hobart, Tas. 7000
Sydney S.S., P.O. Box 198, Broadway N.S.W. 2007
Sydney Uni. S.S., Box 35, the Union, Uni. of Sydney, N.S.W.
Tasmanian Caverneering Club, Box 641G, G.P.O., Hobart, Tas.
Uni. of N.S.W.S.S., P.O. Box 17, Kensington N.S.W.
Uni. of Queensland S.S. c/- Student Union, University of Qld.,
St. Lucia, Brisbane 4067
Victorian Spel. Assn., Box 5425CC, G.P.O. Melbourne, Vic. 3001
Western Aust. Spel. Group, Box S1349 G.P.O. Perth, W.A.
Youth Hostels Assn c/- N.F.C. 70 South Terrace, Adelaide.
