

CEGSA NEWS



Newsletter of the Cave Exploration Group (South Australia) Inc.

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CAVE EXPLORATION GROUP (SOUTH AUSTRALIA) Inc.

PO Box 144, Rundle Mall, South Australia, 5000.

<http://www.cegsa.org.au>

Meetings held on the fourth Wednesday of each month, except December, at 7.30 PM usually in the Royal Society of South Australia meeting room, Natural Science Building, South Australian Museum.

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Cover Photograph: N-2209 blowhole @140 with Ray Gibbons exiting.(See report on page 47)

Photo: Graham Pilkington.

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QUARTERMASTERS NOTE.

High usage equipment will now be stored at the quartermaster's residence. Please make arrangements with the QM well in advance of required date for equipment. The QM can be contacted at the telephone numbers on the previous page.

NEWSLETTER MATERIAL

The deadline for copy or background material for Volume 58 Number 4 (Issue 232) must reach the Editor by Tuesday **13th NOVEMBER 2013**. Material not meeting this deadline may be retained for possible use in a following issue. The preferred method is via E-MAIL to atholjax@adam.com.au as an attachment or on a memory stick or CD, in Word *.doc(x) or *.rtf files. Of course other forms of communication will still be gratefully accepted. Photographs are preferred to be in colour as separate files and note in the article where to be inserted. (*.jpg format under 500Kb unless for the cover). The views expressed in this publication are those of individual authors and not necessarily those of the Cave Exploration Group (South Australia) Inc., its Committee or the Editor.

TRIP REPORTS

Corra Lynn Cave, 5Y-1, 26th February 2013

Participants: Graham Pilkington, Michael Woodward, Lance Hoey, Barbara Wiesner, Damien Pilkington, and 3-month introductory member Matt Ferris.

A fun trip to get some exercise and to show members alternate routes through the cave. We visited the Rope Crevasse, Crystal Maze, and Bushwalkers Chamber. Damien successfully took on the challenge of climbing the Bushwalkers Roofhole, traversing to the top of the Crystal Chamber and making a freeclimb descent of the southwest wall.

After lunch, Graham, Damien and Matt went out to the Portal to retrieve the ladder for repairs and to collect all the hauling ropes so that they can be washed in readiness for a continuation of the dig. It also gave Matt a chance to experience a different aspect of Corra Lynn caving. On recovery, the ladder was found to be past its use-by date and had to be disposed of. This was not unexpected; the ladder had been sacrificial to eliminate the effort involved in transporting a ladder each digging trip. Past member Ian Charlesworth donated his ladder for this purpose but it was not expected that the dig would take so long to complete. At 12m depth, we still need to go deeper.

Graham Pilkington

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Nullarbor, 19th April to 6th May 2013 (all photos by author).

Participants: Graham Pilkington, Ray Gibbons, and WASG member Ann-Marie Meredith.

It was a slow start, actually stationary for 4 hours getting my van to start, but after telling it that it was off to the Nullarbor again after an absence of several years, all was well. First stop was to visit Cate Martin of Streaky Bay to collect some books that she has donated to CEGSA. We accepted her invitation to stay there for the night and were greeted in the morning with a sumptuous breakfast.

On the way out to meet up with Ann-Marie at Old Homestead, Ray and I attempted to locate several lost features. Not lost to CEGSA since we had never been there, but lost since described by Quartermaine and Wheeler (QW) in the 1950's. Back then, trying to document a location was problematic and many descriptions relied on knowing the whereabouts of rabbitier's camps and the now non-existent tracks leading from them. Distances were often guessed at and often wildly inaccurate, while bearings were sometimes just as bad with directions such as "after 2 miles, turn left off the track just past the pittosporums and go for 1 mile".

But first up was NX-73 a questionable feature noted by Max Meth, easily found and easily described. The question was, was it a rockhole before being blasted into ruins?



NX-73 @195



Lizard near NX-73; about 25cm head to tip of tail

After an aborted attempt to locate our first QW target due to a puncture, we fled to Koonalda Homestead to get out of the rain before the tracks became impassable. The two day wait following the downpour was not wasted because there were several lost QW features within walking distance, not that we located any. We did, however, note a few undescribed features, including a large almost

buried doline, N-4379, just south of and in line with the series of dolines running almost north-south past Koonalda Homestead.



Panoramic view of buried N-4379 @255

An attempt was made to locate N-1058. Described as having 2 rockholes and a blowhole into a cave. No luck, but we did locate N-4383, a rock pavement area with 2 rockholes as well as stumbling across blowhole N-4382, 300m away, but these were not what we were looking for. The difficulty with locating N-1058 is that it's in dense scrub "4.7 miles south of the Old Eyre Highway". 4.7 miles was probably the distance travelled meandering through scrub and what "south" means is unknown. The take-off point from the Old Eyre Highway is also vague to within half a mile.

We had an easy time getting to N-1055, a large rockhole area, because the track that leads to it is still there and well defined. It still had one of the old riveted water tanks near the main rockhole but this was rusted to uselessness.



N-4382 blowhole @305



N-1055 main rockhole and iron tank
@060 from 7m



Border Blowhole under pallet @110 from east boundary track



Border Blowhole @110 from 2m

On our final day before Old Homestead, we finally got a fix on N-197, Border Blowhole. A misnomer because it's 500m east of the marked WA border (which is itself 100m east of the correct longitude)

while N-2137, Quarantine Blowhole, is 4m west of the border longitude and only a few tens on metres north of the highway.

The journey along the Link Track was enlightening. Only recently this was a very well-defined track but after two years that have seen several drenching rains, the track has vanished in many places. Even the starting point off the Eucla-Forrest "road" had vanished for the first few hundred metres. This meant that we spent a lot of time walking about, just trying to locate where the track was because it was obviously not under us. Occasionally we were amazed that we were within a metre of the track but had had to walk out several hundred metres to discover the fact. Travel was so slow that we had to stop for the night along the track – actually near to the track having lost it again at dusk with negligible chance of finding it again in the dark. Next morning while I repaired a puncture, Ray tracked down the track and left a trail of flagging tape for me to follow. Even so, it was sometimes difficult to keep to the meandering track because I was paying so much attention to the tyre-ripping bushes.

Ann-Marie had arrived at the Old Homestead Hut, by herself, by midday the previous day and puzzled by our non-appearance by mid-afternoon, had raced up to Forrest to phone Adelaide to determine if we had left. We arrived at the Hut early in the morning (our overnight stop was only 11km away) just in time to stop Ann-Marie from racing back to Forrest again in a panic. She explained that because I always arrived somewhere at the time that I said I would, she was concerned for us. I'd have thought that a trip down the Link Track instead of to Forrest would have been a better option because we were expected from there, but she was by herself. I accompanied Ann-Marie to Forrest so that she could let everyone know that all was well.

Due to various circumstances, we only went into Old Homestead Cave on three occasions, and one of these had to be aborted before we got the chance to do any surveying. On a few days, we did enter the doline and twilight zone but this was mainly to collect flat slabs of rock for paving the hut veranda. I also confirmed my recollection that the wooden ladder at the bottom of the north doline can be bypassed by a climb down the rockpile under the NW lip starting about 10m above the ladder. This alternate route is easy and obvious except that you need to take your pack off at one point.



Old Homestead Hut after paving upgrade

I mentioned the paving. It took a day to complete the crazy paving under the western veranda. This area had not been done with the rest of the paving several years ago because we had run out of rocks. During most of the day, the western side of the hut is in shade and the best place to sit. It did suffer from ponding in wet weather but with the raised rock pavement, that problem has been fixed. We also created a rock path across the "road" so that we no longer have to negotiate the bog of the road after rain when going to the toilet.

Of the two days of cave surveying, one was in the SE corner of the Gentlemen's Mess and the other in the unconnected high levels a hundred metres SE of there. We only added 120m of horizontal passage because of the complexity and because much of the tunnel was over and around floorholes into the passage 8m below and therefore not counted. This high level is very vuggy with poorly defined walls, has much calcite and gypsum speleothems, and typically less than a metre high. One chamber had dozens of small floor-holes below a crust of calcite and dirt (these are visible in the passage below as a scattering of impenetrable roof-holes – maybe a midget could contort through two of them). Ponding used to occur at this level and a good example of this is above station 91MA6.



N-83 ponding above 91MA6. Photo shows about 10m horizontal



N-83, 0.5m thick pendent
above station 91MA6



N-1888 @180 from 2m.

Note blowhole top is below surface rubble

Surveyed total for N-83 is now 30.5km. This does not include possibly a kilometre surveyed several years ago off the Officers Mess and in the far north, but not handed in to CEGSA and which might have to be redone.

On two days, we went feature hunting, visiting slot N-687; blowhole N-1218; blowhole N-1888; N-2209 (a blowhole with a significant shallow cave and nearby shallow depression); rabbit diggings NX-69; blowhole NX-172 = N-4389; rabbit diggings NXU-42; a large shallow depression that probably originated from rabbit diggings under caprock NXK-799; and new features N-4385 (two blowholes); blowhole N-4386; two blowholes N-4347; and blowhole N-4388. These are all south of Old Homestead and near to the track from Mundrabilla Homestead. While documenting



N-4385 covered blowhole (large central slab)@270
from 7m, Ray Gibbons is at BH2

N-4385's western blowhole, a cat leapt out of it and ran over and into the eastern blowhole. Ray immediately covered both holes to dispose of the cat.

I had to unblock them again to finish documenting. Ann-Marie was doing the note-taking and had a different viewpoint, writing in the log book *"Tabby cat came out of BH2, shot Graham a most startled stare, then turned tail and speedily scampered towards and down BH1. Nasty Uncle Ray (who had a distinct distain for the feline form) was most horrified and immediately began blocking both access points for our unfortunate puss. At this point, the benevolent Uncle Graham demanded restitution to puss privy and unblocked the holes. Uncle Ray sneered at Graham's folly but made no attempt to prevent the interference in his plans. Revenge is a dish best served cold he snigged."*



N-4388 blowhole @230 from 5m

As a change from caving activities and just to enjoy the outback without having to document anything, we spent 2 days upgrading the Link Track between the two Mundrabilla-Forrest tracks. The excuse was as mentioned earlier, on the way in along the Link Track, it was often difficult to follow and I decided that a cleaner, straighter track would help. The track is especially difficult to follow where it goes over claypan grasslands because all signs of the track vanish after rains but grassland is so much easier on the vehicle that the track uses them wherever possible, meandering over the country as the initial driver was deciding which way to go. To overcome this difficulty, we



N-1048 roadside hole@110

made cairns of rocks along the south side of a straightened track and made entrances and exits to the grasslands more obvious.

Ray and I returned home via the Link Track which gave us another opportunity to improve the track. This time we put 1m high peg-flags along the track over grassland as well as cairns because after good rains, grass reaches over a metre high making the cairns invisible. My van was also having overheating problems from all the dust and vegetable debris that had accumulated in the radiator and difficult to remove. Stopping frequently became necessary! After reaching the Eucla-Forrest track, I removed the protective wire mesh from under the van that had been used to prevent instant clogging of the radiator and engine from all the clipped bushes growing on the track. This also removed the overheating problem.

Not to waste an opportunity to find more lost features, we searched for a few more on the way back. N-1048 was located by QW from a now none-existent road-making peg. Luckily one of the numerous peg codes written on it implied a distance to the border of three miles (W3). Unluckily, several attempts to find this feature had failed. This time we arrived at just the right time because the blowhole has just re-opened, as can be seen in the photograph. All evidence of the blowhole, which is only 2m off the old highway, had been graded out of existence.



N-1005 blowhole @020 from 5m showing nearby Wallderee tree noted by QW

to N-1005 (later careful reading of the QW information shows that it was accessed directly from a rabbits camp that was definitely NOT near the location that QW had guessed it to be and not from N-1005, which was just a surmise by QW).

Having abandoned the search for N-1006 until another trip, we moved on to find N-1508, a blowhole accidentally located by Max Meth when trying to go to N-5. He did not have a GPS but the car had one which he paced back to. Should have been easy. But wasn't. The difficulty was the poor accuracy of GPS in 1998, the thick groundcover, and, unusual for Max, he never photographed the surface feature. So a 10 minute task took over an hour. In the search we did locate what initially looked like a doline but looks more like a dam and might have been a scrape for road metal.

The next targets were N-1005 and N-1006, both of which have been looked for on several previous trips. After a failed first attempt and an overnight camp, we decided to try again by using the information that N-1005 was "in large grassy plain without landmark except for a woldaree tree a few yards N". We simply spent a few hours walking to the south side of all the hundred or so woldaree trees scattered over a square kilometre. The photo shows just how far "a few yards" was. We failed to find N-1006, mainly because the QW map and description relates it



N-1508 blowhole @020 from 5m

NULLARBOR EXPEDITION MAY 15th TO JUNE 12th 2013 (28 DAYS).

Personnel on trip.

VSA: VICTORIA Nicholas & Sue White; Ken Boland; Margaret James; Daryl Carr;

ORANGE: NSW Dennis Marsh; Ian Curtis;

CEGSA: SA George & June MacLucas.

KEMPSY: NSW John Taylor.

NORTHERN CAVENEERS: TASMANIA Henry Shannon.

Dept of Environment Water and Natural Resources SA

District Manager: Mark Anderson and **Park Ranger:** Robert Sleep.

Besides the permit to look for new karst features this year in the South Australian side of the Nullarbor, a scientific permit was granted to collect random Speleo samples for the University of Melbourne. Only broken formation samples were needed. The question for the department was? Are the caves in Nullarbor, South Australia of similar age to previous samples obtained from Western Australia, e.g. Do they record the same vegetation types, or was the Pliocene Nullarbor climatically zoned.

The dating methods employed is the U-Pb chronometer which has revealed from 2004 samples from WA dating from mid Pliocene when the earth's climate was generally considered to be several degrees warmer and significantly wetter, some 3 to 4 million years ago.

Also the request for samples of Owl pellets from Melbourne Latrobe University researcher Dr. Pat Wooley hoping from the regurgitates of an owl to discover a useful guide to the fauna of the surrounding region. Barn Owl pellets are usually smooth and when fresh, have a black glaze.

The karst features found this trip by the group was dolines 8, blowholes 26, rockholes 3. Two significant human used caves and also, we were south enough to visit some early numbered five features of CEGSA records and an old well.



1. Ken Boland checks Ultralight



2. Ken takes off for first flight

The trip started at a lower camp site near a microwave tower where there was an old air strip that our ultralight pilot Ken Boland, could go and fly north to locate a possible landing and camp site. Ken also would take note of any old tracks that the cars could travel on, because part of the permit for access to this new designated wilderness area is **NO NEW CAR TRACKS**. This decree of no new car tracks is the reason that to locate sites of interest that Ken has found in his flying, sometimes 25km with bush bashing with motor bikes is necessary. Any sites near old tracks, the designated walkers visit, sometimes still walking 5km to sites. The motor bike trips to large features that require rigging off stakes set into the ground, ladders and ropes would often require a second visit another day.

June and I visited 30 karst features, some small and large survey assist requiring exploration. There was of course visits to sites that were of no interest to record e.g. cap rock with rabbit or wombat holes adjacent. June also went with Nick and Sue by car as she needed a rest from riding pillion passenger on motor bike through the blue bush, rabbit holes and wombat villages.

Our 30 sites visited. Some multiple visits for survey.

N4 Koonalda Cave doline.

N6 Koomooloobooka Cave.

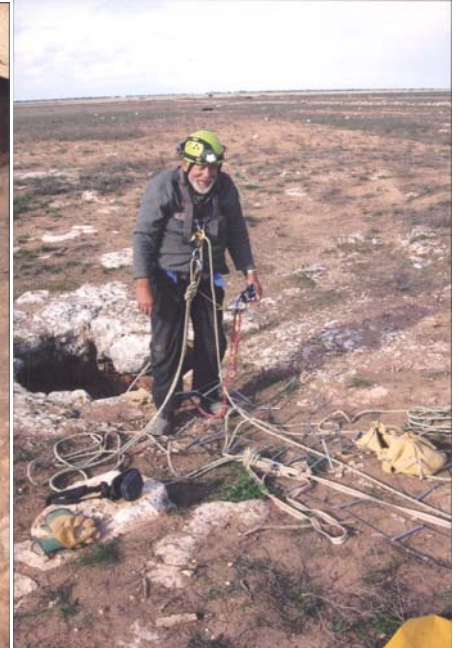
N27 (photos 3, 4 & 5) Freemans Cave also known as Mottled Cave. The Freeman's name was from the bus travelling to WA on the old dirt Eyre Highway would stop, put extension ladder down and let adventurous passengers go down and explore the 90m of passage (*obviously no public liability insurance worries in the 50s.*)



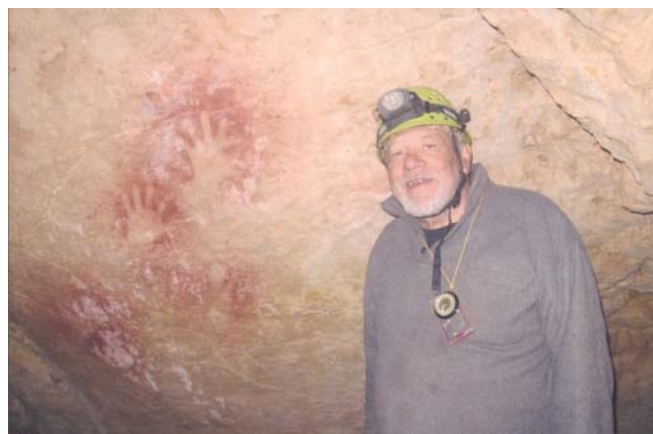
3. June viewing decoration in



4. June climbing out N27



5. George last man out by prussic N27



6. George in Hand Print Cave N210



7. George in shaft of light N210

Albala – Karoo Bore (a 30m well).

N210 Hand Print Cave (photos 6 & 7)

N1010 Small cave North West of Koonalda Cave.

N5297, N5313, N5314, N5315, N5319, N5320, N5321. N5326 this had a 27m pitch.

N5334 this large cave was only 3km from base camp. Henry Shannon spent most days surveying this cave in his meticulous style. (photos 8,9 & 10.).

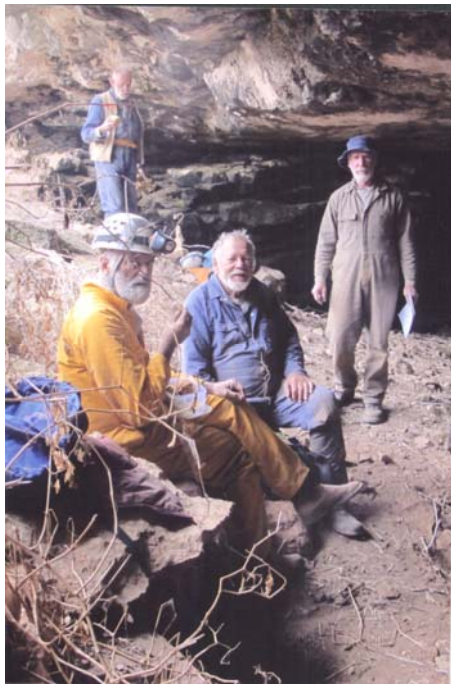
N5336, N5337, N5338, N5339 (photo 11), N5340, N5344, N5345, N5349, N5350, N5351, N5352, N5353, N5354 and N5355.



8. Entrance to Cave N5334.

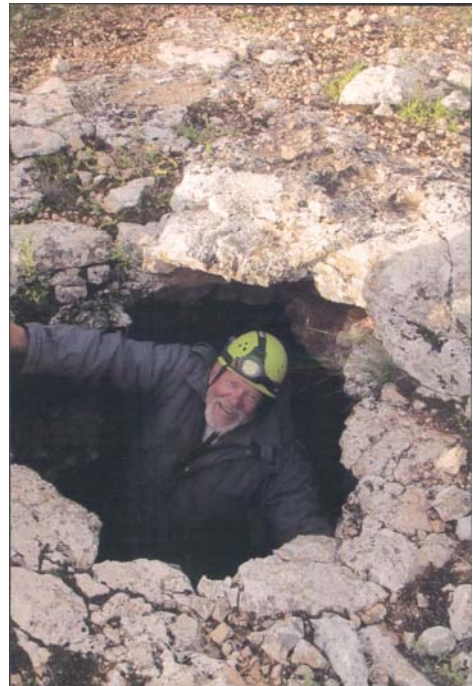


10. George exploring N5334



9. Group ready to start surveying N5334 with Henry Shannon at back and from left Ian Curtis, George MacLucas and Dennis Marsh.

The camp site we set up was good in the fact that when we had rain, the clay surface did not conglomerate too much. Due to inclement weather we had some lovely rainbows (*photo 12*). The weather caused the restriction on the ultra light plane getting airborne. An unusual feature was at night we had foxes raiding the camp, hence we had to change our camp fire procedure which use to be. No burning rubbish till after the evening meal was cooked, hot water heated for cuppas and hot water for washing dishes and pots. So new rules because of the foxes, we had to burn opened tins and paper scraps as soon as possible. Many of the caves in this area had deceased foxes. Their determination was exemplified by Nick



11. George at entrance N5339.

White, who had some food in ammunition boxes wrapped up in canvas. The foxes shredded these boxes trying to get to the food inside them. Ken Boland had the experience of seeing a fox raiding his tent site and taking away an empty sardine tin.

Another new experience for our camp site was we had two resident Willy Wagtail birds. They got so familiar that they were happy to catch a fly off your back, or come under your table or chairs in our camp eating shelter to catch insects.

Due to family commitment in Adelaide we packed up one day early of the official end of the camp, but on the way home we managed to stop off at the Head of the Bight to see some Southern Right Whales.

George MacLucas.

All photos by June MacLucas except Nos 3, 4 & 5 are by John Taylor and No 12 by Ken Boland.



12. Rainbow from camp site with June and George.

Corra Lynn Cave, 5Y-1, 26th May 2013

Participants: Graham Pilkington, Gary Woodcock, Peter Kraehenbuehl, Ray Gibbons, Steve Wasilewski, Lance Hoey, Barbara Wiesner, Jeanette Chapman, Peter Ashenden, Chris Gibbons, Tara Kraehenbuehl, Carol Thomas, Andrew Hodgetts, Stephanie Hodgetts, Nat Hodgetts, and 3-month introductory members Louise Myers, Andrew Bucele, and 27 students from Mercedes College.

With four parties underground instead of the usual three, it made the trips less staccato and hence less boring for all concerned. It was obvious that everyone enjoyed their experience. Even if most participants never go adventure caving again, they will at least appreciate the value of caves and spread the idea of conserving them.

After the school party and most members had vacated, Ray took his new helmet-mounted movie camera for its first-time adventure. Peter Ashenden and I assisted as best we could, mainly by making suggestions on how to improve the results. Corra Lynn Cave has very dark walls that are notorious for soaking up light, making photography difficult. The main finding was that supplying most of the illumination as a central beam resulted in a tiny field of vision because the camera auto-scales out the dark walls. Using just sidelights shows up the walls but leaves the tunnel ahead as just a black void. In caves like Corra Lynn with narrow black-walled passages, it may be necessary to have someone up ahead to light the way. This would also supply the required scale.

Graham Pilkington

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Trip report for Tuesday 16th July to Corra Lynn

The trip consisted of me, Graham, Isiah, Juliet, Rory, Lance Hoey, and Barbara Wiesner. We also took new associate members Troy Steed and his daughter Lauren.

The purpose of the trip was for myself to learn more about leading a trip and learning the cave. Also introducing Lauren to caving as this was her first trip ever. Troy had been caving in the USA before. Both Troy and Lauren reported enjoying themselves and are probably going to come along again. As this was my first time to lead a trip with Graham in the back as a guide, I set out to explore more and try and follow what I would call the first timers path. Along the path we did some exploring and I found the way to the *Bandicoot Bypass* a little challenging for me and some others but very enjoyable. We made our way back to the entrance via the *Wombat Runs* testing many skills in "freestyle caving" and everyone made it out safe for lunch.

In the afternoon we separated into 2 groups. Isiah, who had injured himself the day before, and I went on to a dig site where we removed a number of rocks and discovered that the passage went on. Unfortunately out of time, we were unable to progress the passage any further than "it goes further". Rory with Graham's assistance took the other group through to the *Bushwalkers Chamber* where some of them had a sleep. Rory's report was "we caved, got lost, had a sleep, and then got lost coming back. We got to the entrance in time to go home where we slept in the car on the way home".

Damien Pilkington.

Past Trips from General Meetings

May 2013

1. **Graham Pilkington** went on a Nullarbor trip from 19th April to 6th May with Ray Gibbons and a WASG member (Ann-Marie Meredith). They surveyed in Old Homestead Cave as well as locating several features documented by Quartermaine & Wheeler but never located by CEGSA.
2. **Ian Lewis** assisted Ruth Lawrence in a trip to Naracoorte with Latrobe Uni students two weeks ago. Ian, Mark Sefton, Kevin Mott and FUSSI member Clare Buswell visited Sand Cave. A Search & Rescue exercise coordinated by the NPWS is planned into Fox Cave. A second entrance is also required for Fox Cave to facilitate an actual rescue.
3. **Grant Gartrell** attended the ACKMA Conference held at Waitomo in New Zealand. Ruakuri Cave, a tourist cave, has been opened with a suspended pathway. In 2015 the conference will be at Naracoorte. Grant was awarded Life Membership of ACKMA during the conference: the General Meeting congratulated him.
4. As reported to the meeting by Matt Smith, **Michael Woodward** has had trips to the Nullarbor and to Punyelroo Cave. A snake near the pipe in Punyelroo was dead; probably the same one seen on a previous trip.

June 2013

1. **Ken Smith** did some caving in May in the Murrindal area just north of Buchan, Vic. VSA has been exploring what is thought to be the master cave of Murrindal with several km of passage including 9 downstream sumps and 5 upstream sumps. The intention was to push the end downstream sump but the water was too mucky so they went upstream instead. A map was tabled.
2. **Neville Skinner** attended a FUSSI one-day trip to Mount Remarkable Cave.
3. **Neville Skinner** also went on a joint FUSSI trip to Naracoorte that concentrated on Fox Cave. RDF was used to accurately locate the passages and possible alternate entrances. The Naracoorte NP caves environment officer came along.
4. **Ian Lewis** mentioned that he was on the Fox Cave trip. He had compiled a map of Fox Cave from Grant Gartrell's, Peter Kraehenbuehl's, and Latrobe Uni students work; including long and cross sections.
5. **George MacLucas** went on the annual VSA Nullarbor trip with June. Four geologists came along. The area flown by Ken Boland was 40km NW of Koonalda and several large caves were found; one has a 27m deep entrance pitch. Foxes were unusually numerous and pesky.
6. **Lance Hoey** visited an area of wombat warrens and was tempted to see how extensive they were.
7. **Ian Lewis** gave a talk at a Linnean Society Conference at Jenolan. Over 100 people attended. Several presenters were cavers: Al Warild gave a 3D map presentation; Ian gave a summary of the geological history of Jenolan finishing off with a summary of Jenolan cave diving. Proceedings should be available next year.

July 2013

1. **Barbara Wiesner** attended a one-day trip to Corra Lynn Cave on the 16th July.
2. **Mark Sefton** has just returned from a Bullita trip. They had two camps operating. Dingo Cave is now 32km long. New extensions were found and caves joined. Promethers Cave (now 30km long) has the largest tunnels found in the Park with passages up to 20m wide. This year the Bullita group surveyed 15km taking the Park total to 255km.

TECHNICAL and OTHER ARTICLES

MEMBERSHIP

Nil changes reported.

MEMBERSHIP FEES

CEGSA MEMBERSHIP FEES became due on January 1st. To ensure continuity of membership and privileges (particularly insurance) please pay before March 31st.

Joining fee applies after March 31st. If you prefer to direct debit your fees, the CEGSA Bank Account details are: **BSB 105-900, Account No 950661040**, reference with your name and CEGSA fees. Please email treasurer on your action. Renewal form is still required to be submitted for database information purposes.

CEGSA MEMBERSHIP FEES FOR 2013 YEAR

Full Membership	\$ 55.00
Full Country Membership	49.00
Associate Membership	47.00
Long Term Associate	55.00
3 Month Introductory	5.00
Joining Fee (N/A to 3mth Intro)	12.00
Discount for e-mail CEGSA News	15.00
Discount for Country Membership	6.00

ASF LEVY FEE FOR 2013 YEAR

Single	\$ 68.00
Family	121.50
3 Month Introductory	20.00
Student	61.00
Journal Subscription	25.00

2013 YEAR FEES

	CEGSA	+ASF	TOTAL
Full Membership	\$55.00	\$ 68.00	\$123.00
Full Country Membership	49.00	68.00	117.00
Associate Membership	47.00	68.00	115.00
3 Month Introductory	5.00	20.00	25.00

Variation for Family Membership

1 st Full Member + 2 nd Full Member			
Less \$16.00 for only 1 CEGSA News	\$94.00	\$121.50	\$215.50
1 st Full Member + 2 nd Associate Member			
Less \$16.00 for only 1 CEGSA News	\$86.00	\$121.50	\$207.50
1 st Associate Member + 2 nd Assoc Member			
Less \$16.00 for only 1 CEGSA News	\$78.00	\$121.50	\$199.50
Discount for Country Membership applies for Family Memberships.			

Please make sure your payment of fees includes CEGSA and ASF, if applicable.

Chris Gibbons.

Treasurer/Membership Officer.

Approved CEGSA Trip Leaders

Name	Caving Leader level
Marie Choi	Horizontal, Laddering and Vertical
Stan Flavel	Horizontal and Laddering
Grant Gartrell	Nil
Chris Gibbons	Nil
Damian Grindley	Horizontal, Laddering and Vertical
Paul Harper	Horizontal, Laddering and Vertical
Richard Harris	Horizontal
Lance Hoey	Horizontal and Laddering
Peter Horne	Horizontal and Laddering
Paul Hosie	Horizontal, Laddering and Vertical
Peter Kraehenbuehl	Horizontal, Laddering and Vertical
Ian Lewis	Horizontal and Laddering
George MacLucas	Horizontal, Laddering and Vertical
June MacLucas	Horizontal
Tim Payne	Horizontal, Laddering and Vertical
Graham Pilkington	Horizontal and Laddering
Phil Prust	Horizontal and Laddering
Eddie Rubessa	Horizontal and Laddering
Mark Sefton	Horizontal and Laddering
Matt Smith	Horizontal and Laddering
Gary Woodcock	Horizontal and Laddering
Michael Woodward	Horizontal, Laddering and Vertical

All the above named are also CEGSA Trip Coordinators.

Members may query the classification of any Trip Leader at any time with the committee.

It is a requirement that each trip be organised by an approved Trip Coordinator to be classed as an official CEGSA trip. It is also a requirement that dependent party trips be led by an approved Trip Leader at the appropriate skill level for the cave being entered.

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From the Library:

The following items have been donated to CEGSA by Catherine Martin. Cate is an x-caver from England who never resumed the activity after coming to Australia several years ago but who didn't want her beloved books to continue to sit idle, or worse.

Books

- ? *The Dan-Yr-Ogof-Caves* – The Official Guide. Swansea Valley Caves.
- ? *The Caves of the Great Hunters*, Hans Baumann. Cave Art.
- 1940, *Ten Years Under the Earth*, Norbert Casteret. Hardcover.
- 1952, *Ten Years Under the Earth*, Norbert Casteret. Paperback.
- 1953, *Caves of Adventure*, Haroun Tazieff. An account by an Explorer-Scientist of Danger, Discovery and Death beneath the Surface of the Earth.
- ~1956, *Caves and Cave Diving*, Guy de Lavour.
- 1959, *How Underground Britain is Explored*, Showell Styles.
- 1964, *The Caves of Derbyshire*, Trevor D Ford. A descriptive list of caves.
- 1966, *Cavecraft*, David Cons. An introduction to Caving and Potholing.
- 1967, *Caves and Caving*, Marc Jasinski. A guide to the exploration, geology and biology of caves.
- 1969, *Manual of Caving Techniques*, Cecil Cullingford. Cave Research Group of Great Britain.
- 1974, *Limestone and Caves of North-West England*, AC Waltham.
- 1974, *American Caves and Caving*, William R Halliday. Techniques, pleasures, and safeguards of modern cave exploration.
- 1975, *Memoirs of a Speleologist*, Robert de Joly. The adventurous life of a famous French cave explorer.
- 1978, *Muddy Oxbows*, Phil Hendy. A book of caving instruction via cartoons.
- 1984, *The Great Caving Adventure*, Martyn Farr.

- 1986, *The Underground Atlas*, John Middleton and Tony Waltham. A gazetteer of the world's cave regions.
- 1987, *Lakeland Rescues Recalled*, Sally Bowe.
- 1989, *A Visitor's Guide to Underground Britain*. Richard Fells. Caves-Caverns-Mines-Tunnels-Grottoes.
- 1990, *Underground Adventure*, A Gemmell and JO Myers. Selected caves of northern England.
- 1991, *Northern Caves 2 – The Three Peaks*, A Brook et al. A descriptive list of caves.
- 1993, *I don't Play Golf!* Recollections of a Rescue Volunteer, Don F Black.
- 1994, *Northern Caves 3 – The Three Countries System and the North West*, D Brook et al. A descriptive list of caves.

DVDs

- Gaping Gill – 100 Years of Exploration.
- Cave Diving Story – parts 1 & 2.
- Cave Diving Story – parts 3 & 4.

Journal

Descent, February/March 2008, issue 200.

Plus 17 **extracts** from Newspapers in England and 3 **Cave Posters**

The following items were donated to CEGSA by Ed (Hugh) Sangster's family. Ed was an active CEGSA caver from the mid 60's to the late 70's. He originated several projects including the standard mapping sheet that was in use prior to digital display as well as initiating the sale of CEGSA postcards at the Naracoorte Caves.

Books – caves and caving

- 1953, *Caves of Adventure*, Haroun Tazieff.
- 1961, *A preliminary Report on the Karst Morphology of the Nullarbor Plains*, CEGSA occasional paper#2, Joe N Jennings.
- 1965, *Caves of the Coastal Areas of South Australia*, CEGSA occasional paper#3, Robert T Sexton.
- 1966, *Mullamullang Cave Expeditions 1966*, CEGSA occasional paper#4, Alan L Hill.
- 1966, *The Life of the Cave*, CER Mohr and TL Poulson.
- 1967, *Caves of the Nullarbor*, John R Dunkley and Tom ML Wigley.
- 1968, *ASF Speleo Handbook*, Peter Matthews.
- 1969, *Transcript of Proceedings of the 7th Biennial Conference of the ASF*, Peter and Margo Matthews, Alan L Hill.
- 1970, *Mount Etna Caves*, UQSS, JK Sprent.
- 1972, *Proceedings of the 8th Biennial Conference of the ASF*, A Goede and R Cockerill.
- 1972, *Bungonia Caves*, SSS occasional paper#4.
- 1972, *Australian Caves and Caving*, W Kahrau.
- 1976, *South Australian Cave Reference Book*, CEGSA occasional paper#5, Ian D Lewis.

Books and extracts – geology and science

- 1962, *Fossils – an Introduction to Prehistoric Life*, WH Matthews III, 1969 reprint.
- 1965, *Geology of Yorke Peninsula*, Geological Survey of South Australia Bull#39, AR Crawford.
- 1971, *Archaeology of the Gallus Site, Koonalda Cave*, RVS Wright.
- 1973, *Southern Aspect – an introductory view of South Australian Geology*, AR Alderman.
- ~1974, *Fossils of the Flinders and Mt Lofty Ranges*, South Australian Museum, Neville S Pledge.
- 1982, *Engineering Geology of the Adelaide City Area*, Geological Survey of South Australia Bull#51, John Selby and JM Lindsay.

Other publications

- A few monographs.
- Some geological and topological maps.

Photographs unfortunately very few are labelled, dated, or documented. 136 were scanned by Graham Pilkington a few years ago, which Ed part-documented.

245 slides and 110 prints (Four days were spent by Ray Gibbons and me examining over 2000 slides to extract the unique cave-related ones that we ended up with. Most of the rest were returned to the Sangster family except for several hundred blank and bracketing shots being tossed out as junk. That was the problem with film; you did not know what you would end up with until after the trip, and correct film exposure is very difficult to judge. Digital photography has taken all the anticipation away; and what the cameras don't automatically fix at the time can be photo-edited later).

Hardware

A 4 ft by 3½ ft slide-projection screen without stand.

Slide projector.

Camera/instrument tripod.

13 slide racks; 2x and 10x slide rack holders; a wooden slide box.

Wooden holder for large maps approximately 1x1m.

Graham Pilkington

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END of YEAR BBQ

The end of year / Christmas BBQ will be held at the Royal Society Room courtyard in conjunction with the November General Meeting.

All food and coffee will be provided but please bring your own drinks.

We hope to see you at the final meeting for the year for a social get-together.

The Committee.

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Cave Jokes

Two bats are hanging in their cave. One turns to the other and says, "Oh, I'm really thirsty for some fresh blood."

The other bat is amazed and says, "Well, its a bit late. Daylight is almost here, and we can't be exposed to any light - you know we'll die." "Yeah, I know," says the first bat, "but I'm really starving for it."

So he flies out of the cave and returns five minutes later with blood dripping from his mouth.

"You lucky thing. Where'd you find blood that quick?" asked the second bat.

"You see that tree over there in the distance?" mumbled the bat, his mouth full of blood.

"Yeah, I think I do!"

"Well, I didn't."

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A tourist and his trail guide were walking along a path when all of a sudden the guide runs up the hillside to a cave, yells "Wooo wooo," listens for a moment, and goes charging into the cave, stripping off his clothes on the run. He returns in about 15 minutes. The same scenario occurs again, after which the tourist asks about this strange behavior. The guide explains that if one of the young ladies of his town is in an amorous mood, she goes into a dark cave. If she hears "Wooo wooo," she responds "Wooo wooo" to signal that she is ready and willing. No one knows who is who and everyone is happy.

The tourist is amazed and asks if he might partake in this local custom at the next cave. The guide doesn't see any problem with this. At the next cave the tourist runs to the entrance and calls out "Wooo wooo." To his delight, he hears a sonorous and enticing "Wooo wooo" sung back to him from the recesses of the cave. He takes off his clothes, rushes headlong into the cave, and gets run over by a train.

CALENDAR OF EVENTS

Date	Type of Event	Description	Contact
28/08/13	General Meeting	Royal Society Room, SA Museum, Adel. Underwater cave discoveries in Aust. and NZ.	Ken Smith
31/08/13	Working Bee	Library and records	Graham Pilkington
??/09/13	Committee Meeting	TBA	Mark Sefton
??/09/13	Caving	Kangaroo Island (sometime in September)	Grant Gartrell
25/09/13	General Meeting	Royal Society Room, SA Museum, Adel. Subject TBA	Mark Sefton
??/09/13	Caving	Nullarbor with FUSSI (Late Sep into Oct)	Mark Sefton
28/09/13	Working Bee?	Library and Records	Graham Pilkington
04-07 /10/13	Caving	Flinders Ranges Long Weekend	Eddy Rubessa
??/10/13	Committee Meeting	TBA	Mark Sefton
23/10/13	General Meeting	Royal Society Room, SA Museum, Adel. Subject TBA	Mark Sefton
26/10/13	Working Bee	Library and Records	Graham Pilkington
??/11/13	Committee Meeting	TBA	Mark Sefton
13/11/13	CEGSA NEWS	Articles due	Athol Jackson
27/11/13	General Meeting	Royal Society Room, SA Museum, Adel. Xmas BBQ	Graham Pilkington
30/11/13	Working Bee	Library and Records	Graham Pilkington
??/12/13	Committee Meeting	TBA	Mark Sefton
25/12/13	NO General Meeting	No General Meeting in December	
	Training	Ad Hoc training	Tim Payne
	Caving	Ongoing Vic Fossil survey	Gary Woodcock
	Caving	Continuing Fleurieu Peninsula Exploration	Grant Gartrell

****Extra trips will be notified on the website and through CEGSA e-News via email****

It is desirable that caving trips involving club members should, where possible, be registered as CEGSA Trips. To do this, the nature and timing of the trip must be nominated to the Trip Liaison Officer and/or minuted at a General Meeting of Members. The member registering such a trip must be an accredited CEGSA Trip Coordinator and must agree to act in this capacity for the trip. There must also be an accredited trip leader with the appropriate skill endorsement to take a dependent party caving.

Also, please ensure that a report of the trip is submitted to the Records Officer in a timely manner.

Notes.