

CEGSA NEWS



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CAVE EXPLORATION GROUP (SOUTH AUSTRALIA) Inc.

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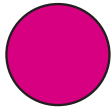
Cover Photograph: CEGSA Life Member Athol Jackson enjoying his birthday at the AGM in 2020

Photo: Minky Cockshell

May 2023

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Presidents Spot

There has been a high and a low in succession in CEGSA's world in the last two months.

ASF Conference, Ceduna, April 2023

Firstly, congratulations to all associated with the recent ASF Conference held in Ceduna. Finally!! I am in awe of the persistence and dedicated effort of all those contributing to the success of this conference which has had to be postponed for three years due to the Covid restrictions. Yet throughout all of this, the conference organisers have maintained positivity and hands-on action and coped with all the long list of complications and obstacles that come from the delays and the distances involved. As you know about a decade ago, CEGSA, FUSSI and the Scout Caving Group began combining activities and sharing caving trips and experiences, rescue training etc and intermingling at our meetings. This has to my mind been a wonderful contribution to bringing South Australian Speleology forward into the 21st Century, even if old white-hairs like me need to be dragged along with you! This cooperation has been particularly evident in the organising of the ASF Conference and a list of the organisers shows us the real benefits of this inter-club contact. I am delighted to publicly acknowledge all your fantastic work.

The following people represented the best of each of the SA caving groups – Dee Trewartha, Heather Duff, Kaiah Fisher, Sarah Gilbert, Sil Iannello, Peter Kraehenbuehl, Pam Payne, Damien Pilkington, Heather Siebert, Matt Smith and David Mansueto. It was South Australia which hosted the first ASF Conference in 1956 – that was 67 years ago! It is excellent that our Ceduna conference follows on from the tradition set in 1956 to have a focus on the caves of the mighty Nullarbor Plain. It is always delicate in singling out special contributors but I must especially thank Peter Kraehenbuehl for working so hard on the Conference Field guide and the Dee Trewartha of FUSSI for her endless skillful and patient negotiating for agreements to access caves under the management /ownership of the Far West Coast and Nullarbor Advisory groups – in particular the Mirning People of the Nullarbor. These two contributions were vitally important and significant for the success of this conference. Many thanks to you both and to the entire organising Committee!



Organising committee featuring members of CEGSA, FUSSI and Scout Caving Group
Photo: Garry Smith

The passing of Athol Jackson, May 2023

Not long after the conference travellers returned home, we were very saddened to hear of the passing of one of CEGSA's original members and a lifelong stalwart of the group – Athol Jackson. Athol had been involved with the establishment of CEGSA in the 1950's, much early exploration of caves and the systematic mapping of them and began documenting them with his photography decades before the ease of modern digital photography. This meant utilising many types of lighting devices from mega-flash bulbs to magnesium flares and quixotic mechanical devices to fire them. Athol was CEGSA's 'Fixit or Make-it' expert ranging from ladders, lighting, QM tasks, climbing gadgetry and not least electronics . Grant Gartrell recalls –

Athol, during his active days, investigated a couple of remote detection techniques for caves, which were both practical and simple, and capable of being carried out without the need for the very expensive equipment used by some mineral exploration companies. For example, he used a string of small geophones to make a seismic array, but his energy source was a simple sledge-hammer striking a peg. It worked, and he clearly detected at Naracoorte a significant cavern lying alongside a known cave, that we haven't yet been able to enter. One day, when we finally work out how to do so, we will certainly be thinking of Athol. He also had a trial with some very effective but home-made resistivity apparatus, where measuring the resistance to electrical currents flowing through the ground between a network of electrodes helped to map out where the cavities were found, analysing his measurements very much like hospitals use sophisticated scanners these days to look inside us. Because of Athol we also know that the Tantanoola Tourist Cave extends quite a distance further away from the road than where we can get to for the present. It is especially challenges like this that get most cavers excited, and which Athol took to the next level.

A dozen of South Australia's cavers attended Athol's funeral last week at the kind invitation of his daughters Anthea and Leanne. Athol's wife Jan, a most patient lady who answered the phone from CEGSA members at all hours for many decades, was unable to come due to illness. Some great photos of Athol and his white beard to the waistline were on display, as was CEGSA's recent award presentation to him for his outstanding role as CEGSA News Editor for several decades. This regularly involved chasing wayward Presidents to contribute columns such as this one by the due date but also organising and manipulating all sorts of incoming articles, scribbly notes, different fonts, imagery, attachments etc into a coherent and highly-presentable form of each CEGSA News issue to a standard of which he could be proud.



*Plaque in recognition of Athol's contributions to the Friends of Ikara - Flinders Ranges National Park group. Located near Wills Historic Homestead
Photo: Minky Cockshell*

Athol almost always sat in the same spot at CEGSA meetings until recently and that spot is not the same without his presence. Three examples come to mind of Athol's character and determination – he modified the magnesium blasters by adding a long handle and ignition tube to put an end of cavers burning their hair off, he managed to astound everyone at cavers' dinners by squeezing his 'flexible' large stomach through impossibly small wire coat hangers and collecting on the bets, and drove himself home from the Flinders Ranges after having a heart attack, determined not to hang around somewhere out in the bush. Athol, we all miss you and have been privileged to know you for so long. Your name is on the cave maps and in the records and will remain for as long as CEGSA does. Our condolences to your family and our celebrations for an active and engaged life very well-lived.

Best Regards to all,

Ian D Lewis, President



*Athol - the original Cave Santa. Cave - 5L7 Monbulla (we think!)
Photo: the Jackson family*

2023 Committee Report

Things have been very quiet so far in 2023, mostly due to various committee members commitment to running the Secrets of the Nullarbor Conference in Ceduna during April. As you'll hear at the May GM, it was a great success, with many excellent presentations, not to mention the amazing post conference field trips.

The committee still has one casual vacancy to fill, and we'd invite CEGSA members to consider what they can do to help out.

We're still working on locking in a program for the 2023 General Meetings, and we're happy to take suggestions. A few ideas we have in mind:

- A few guest speakers from outside the club
- An update from the Kelly Hill Project team
- Old Homestead Cave
- Cave Rescue

Newsletter Material

Material for CEGSA News is welcome at any time, however the deadline for Volume 68 Number 2 (Issue 266) should reach the Editor by Wednesday the 9th of **August 2023**. Material not meeting this deadline may be retained for possible use in a following issue.

The preferred method of submitting content is via email to hellboy1975@gmail.com

General guidelines for content submission:

- Word files *.doc(x), *.pdf or even *.txt files are all great options.
- Don't spend too much time on formatting content - styles other than bold, italics and underlines are likely to be altered by the editor.
- Photos are preferring in colour, and as a separate attachment rather than embedded in a document. Please include a note on where it should be inserted. Most common image formats are accepted including *.jpg and *.png. Feel free to send them in the highest quality you have.

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.

Approved CEGSA Trip Leaders

Name	Trip Leader Levels
Clare Buswell	Horizontal, Laddering and Vertical
Minky Cockshell	Horizontal and Laddering
Mark Corbett	Horizontal and Laddering
Stan Flavel	Horizontal and Laddering
Grant Gartrell	Horizontal
Richard Harris	Horizontal
Peter Kraehenbuehl	Horizontal, Laddering and Vertical
Ian Lewis	Horizontal and Laddering
Steve Milner	Horizontal, Laddering and Vertical
Pam Payne	Horizontal
Tim Payne	Horizontal, Laddering and Vertical
Damien Pilkington	Horizontal
Graham Pilkington	Horizontal and Laddering
Mark Sefton	Horizontal and Laddering
Heather Siebert	Horizontal and Laddering
Neville Skinner	Horizontal, Laddering and Vertical
Matt Smith	Horizontal and Laddering
Andrew Stempel	Horizontal, Laddering and Vertical
Tom Szabo	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's also a requirement that all trips be led by an approved Trip Leader at the appropriate skill level for the cave being entered.
- Trip Leaders ensure that every caving party has a member with current First Aid training.

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.

Trip Reports

Report on Stake YM camp

Attendees: *Damien, Isiah and Benjamin Pilkington; Tim and Jared Close; Joe and Hiram McCann; Lachlan Saunders, Lillalel and Julius Salzman; Taotai and Tui Tuifua; Adam and Thomas Williamson; Osharn Brown, Allen King, Benjamin and Hayden Nairn; Lucas and Santi.*

CEGSA: *Graham Pilkington and Neville Skinner.*

The weather for the trip was perfect with a cool change making the decision to sleep outside ideal. We drove up to the camp site at Curramulka in a sort of convoy not without incident but everyone and all the equipment arrived safely.

The boys were quickly tasked with putting out tarps and blowing up mattresses to sleep on. Once the camp was set up, we had a lovely supper of biscuits and Milo. After which the boys talked into the night about things that interested them. Several of the conversations were in code, that the adults didn't understand, but went into the night. Lying on the mattresses and looking up the these beautiful stars helped us to appreciate the beauty of Gods creation. We even saw a few shooting stars.

As per normal you can never get kids up for school but on a day like we were about to have some woke at about 5am and by 7am we were almost packed up and rearing to go. A simple breakfast of cereal followed by a spiritual thought given by President Williamson taken from Alma 30:44

44 But Alma said unto him: Thou hast had signs enough; will ye tempt your God? Will ye say, show unto me a sign, when ye have the testimony of all these thy brethren, and also all the holy prophets? The scriptures are laid before thee, yea, and all things denote there is a God; yea, even the earth, and all things that are upon the face of it, yea, and its motion, yea, and also all the planets which move in their regular form do witness that there is a Supreme Creator.

We hoped the boys would appreciate the beauty we were about to experience.

Not all cave guides were present when we arrived at the cave, so to use the time wisely, we engaged in service, clearing up debris around the cave entrance and the stairs leading down to



*Entering Corra-Lynn Cave
Photo: Damien Pilkington*

the cave. Working together the boys made quick work of the tidy up. When everyone arrived, we were ready to go.

The young men were divided into groups and not allowed to go with their brother, this helped to split the boys up and made sure they get to know different people, the groups visited many attractions in the cave including Southern Cross, Crystal Chamber, Bush Walkers Run and Chamber, and Grand Central.

One surprising highlight was enjoyed by everyone, a feature called Rope Crevasse. The Rope Crevasse is a small fissure in the cave where you need to lower yourself down on a rope to the next level. Some found this easy whilst others more challenging. A huge surprise to us leaders was the fact that whilst everyone can use gravity to go down one group of boys WENT UP. Now next time I must try that myself.

Some of the bigger people realised that we needed to reduce in size if we wanted to continue enjoying caving into the future.

At about 1pm we left the cave to enjoy some lunch. The morning session of caving went for about 3 hours and taxed the endurance of a number of people in the group so after a long lunch break a number of people decided to stay above ground. The groups were reduced to two now.

I have never before heard of cave bowling but one group got into a spot where they were not sure whether to go forward or backwards whilst awaiting the leaders direction. They used some of the wet clay in the cave to make up a bowling alley and bowled over the clay pins. I am told this was one of the highlights of that journey. As well as visiting Crystal Chamber where they saw some lovely cave coral.



*Rope Crevasse in Corra-Lynn Cave
Photo: Damien Pilkington*

The second group lead by me went off to do some more challenging caving but took a wrong turn on the way. This was not all bad as we were able to visit the Letterbox and the start of the Alberta where we visited the beautiful cave decorations protected there. We also found some cave wildlife.

We also found some equipment left behind from a previous trip that's will need removing in the near future.

This trip concluded with a nice 5 minutes or so in the dark just relaxing and enjoying the atmosphere of the cave.

It was good to see the boys engage with each other, taking part in leading the group and each other thru the challenges as well as pushing themselves past what they considered their limits.

Here are a few comments from the youth via the parents:

"My son keep talking about bowling with the clay, it's was fun. New experience for them too."

"The boys were worn out and didn't talk much last night but this morning fondly regaled me with their tales of squeezing through holes only to find they had to squeeze back through the same hole, choosing the wrong way which lead to a dead end, clay bowling, and bumping their head."

"I think it was a great experience for them."

"my thoughts about the camp was that it was amazing, food was really good, caving was a new experience (even though I sustained lots of injuries) and everyone was nice"

"Not sure I would do it again but I really enjoyed trying things new for the first time"

"Let me recover first and I might do it again in the near future but not just yet"

"I loved it and can't wait to do it all again"

After leaving the cave and heading back to Adelaide the boys made light work of unpacking, putting the equipment away, and I am sure had a great sleep that night.

Damien Pilkington - Stake YM president



*Miscellaneous photos from Corra-Lynn Cave
Photo: Damien Pilkington*

Rescue at 5L43/44 Sisters Sinkhole

Sunday 2 April 2023 at 5:22pm emergency services were called to a rescue at Sisters Sinkhole.

Initial response was from SA Police, St John Ambulance Service, SES and Moorak CFS. Mount Gambier MFS also responded to the call out. Some emergency vehicles has difficulty accessing the site through the adjoining paddock.

Two scuba divers were diving in the southern crater when one slipped while exiting, dislocating his shoulder. Unable to exit his companion alerted emergency services. Members of SES assisted in stabilising the patient in the water before he was finally extricated for further treatment. The patient was then transferred to the ambulance and transported to hospital.

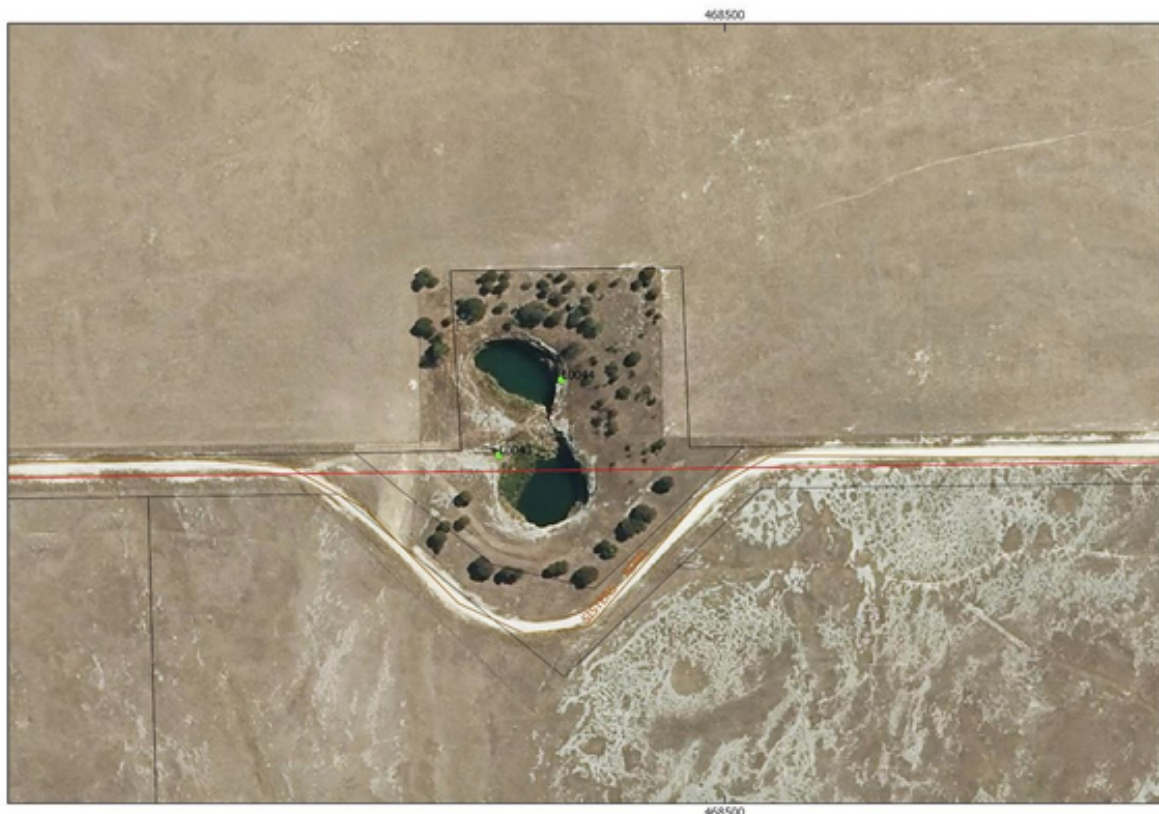
17:22 Call out

17:38 Moorak CFS arrives. SAPOL, SES, Ambulance on scene

19:20 Patient extricated from water

19:37 Patient transported from scene by ambulance

Kevin Mott



Satellite Photograph of 5L43/44 Sisters Sinkhole

32nd ASF Conference "Secrets of the Nullarbor" April 16-21

After YEARS of delays we finally got to host the 32nd ASF Conference in sunny Ceduna followed by a week of field trips on the Nullarbor. 86 cavers descended upon the Eyre Peninsula for 5 days of networking, talks, workshops, films, photos and troglobitic shenanigans!

Rescue was a strong theme of the conference with ASF Cave Rescue Commissioner Brian Evans presenting several talks and workshops highlighting that cavers should aim to be able to self-rescue but also be able to identify and make the call for help when this is not possible. The practical rescue workshop and 'non-prussik prussik challenge' hosted at Ceduna Area School was a great way for participants to show off their technical prowess but also to learn new skills. Although we were constrained by the 3.5m high shade structure, as they say it's not the pitch length but it's what you do with it!

Speleo sports was also held at the school and saw teams of 4 travelling through the vast playgrounds and completing challenges with a Nullarbor theme. These included deciphering a puzzle to find the coordinates to Abrakurrie Cave, finding the right key for the locked cave, gaining a permit, treating a snake bite, long distance pee-bag carrying, retrieving the dropped Disto-x and spotting caves on the Bunda Cliffs to name a few.



*Participants in the gruelling Speleo Sports challenge!
Photo: Minky Cockshell*

There were several interesting workshops including brainstorming about how to move forward with the Nullarbor Special Interest Group and examining how to best record and share information about cave databases. Clare Buswell also presented several talks about the current Conservation Commission issues including the highly relevant wind-farm proposals for the Nullarbor karst area.

We all learnt a bit more about cave animals through presentations about the latest bat discoveries and keeping white nose bat syndrome out of Australia, the 2023 Cave Animal of the Year- glow worms, Nullarbor blind cave spiders and cave crickets. There was even an international speaker Mateja Ferk from Slovenia who

has been working on Nullarbor karst research for several years and educated us about their temperature and humidity monitoring in several caves across the Nullarbor. Mateja also spoke about her team's research utilising the Digital Elevation Model from the German Aerospace Centre to show that the Nullarbor was actually part of an ancient reef complex!

Networking is always a highlight of ASF gatherings and the 32nd Conference was a great opportunity for cavers to catch up with old friend and make plenty of new ones, especially after the long break of COVID lockdowns and border closures. Many new project ideas were discussed and the Kelly Hill team even managed to recruit a few more interstaters to come and check out our project on Kangaroo Island.



One of the highlights was the many books to read and buy from the ASF Library
Photo: Matt Smith

Pam Payne ran an excellent photo competition with entrants from far and wide, including the new categories of 'dead animal' and 'smart phone.' There were also several films screened during Cathie Humphrey-Hood's talk and on the film night showing some restored footage from caves long lost to mining in the Mt Etna area as well as recent discoveries in Tasmania from Stephen Fordyce.

I hosted the quiz night for the conference and was suitably roasted by the participants debating answers which made for a fun evening- special mention goes to conference committee member and ASF President Sarah Gilbert who can recite Pi to 17 decimal places!! Funds were raised for the Karst Conservation Fund through games played at the quiz night as well as through the raffle tickets sold and the silent auction which saw many donated items from sponsors being competitively bid upon. (I'd like to put the total raised here but I don't think its been worked out yet!)

Food at the conference was catered by a local team from Holly & Co catering who put together many tasty treats for us, including for the cavers dinner. The theme for the dinner was 'dress as your favourite cave animal' which meant there were many glow worms and bats (including a ghost holding a bat haha) and a good time was had by all.

The next ASF conference will be held 12-17 January 2025 in Buchan Victoria.

Heather Siebert

Ian Collette (WASG) taking part in the prussik challenge
Photo: Minky Cockshell



Team Goldie on the Nullarbor Field Trips 22-29 April 2023

While there were a handful of other CEGSA members out on the Nullarbor after the Conference doing all sort of things, this is what Team Goldie (Matt Smith, Heather Siebert and Minky Cockshell) got up to.

We were very lucky to get permits for the South Australian Nullarbor caves for the field trips and Team Goldie headed straight to **Warbla Cave** on the SA side of the Nullarbor with Traditional Owner Clem to oversee our visit. We were based here for the first 3 nights of the trip.

After an initial briefing on the first morning the group of 30ish cavers that we had acquired at the site split into 2 groups, one heading off to nearby caves and one staying onsite to do Warbla, appropriately numbered N1 it was the first cave of our week. Heather and I set up the rigging from the car down the 15m pitch while everyone was relatively patient. The lip of the doline was a little problematic getting over but even worse when we were coming up with a whole plethora of different issues, mostly gear related, some minor, some that required hauls, resetting the



*Paul, Stephanie, Peter and Minky in N1 Warbla Cave
Photo: Matt Smith*

SRT line and eventually cutting our 60m rope into a 53m and 7m rope at a damaged section. At the bottom of the pitch there is a big scramble down into the cave. At the end of the chamber is a lake that continues on, though the bat guano piles around the water made it seem less appealing for a dip. There was much debate about what looked to be fossilised logs in the walls above the water, and there are also markings of cultural significance in the cave as well.

Monday the groups swapped and we headed out with a small entourage to visit **N264 Wombat**, **N6 Kooloomoobooka** and **N210 Handprint** caves with a scenic lunch at Koonalda homestead. All three of the caves were easy scrambles or walks into and require less than an hour each for a look around. Wombat was pretty dusty and required some easy crawling down to a lower level with a whole river of dust.

Kooloomoobooka has multiple entrances but one main one that was and easy downclimb for most and lots of very old broken formation everywhere with rainbow layers, reminiscent of piles of licorice all sorts. Handprint was the smallest of the three with the namesake handprints on the walls in very good condition and a few smaller chambers but small enough we didn't even put our overalls on.



Minky posing beneath one of the windows into N264 Wombat Cave
Photo: Matt Smith

In the morning we headed off early to Mundrabilla station and explored **N1369 Prostrate Pit**. We found the Pryke's map which is a bit unwieldy when printed was great on the "cave phone" where you could zoom in to the detailed sections as needed. We followed the track markings through to the May Chamber, the Pompeii Extension, Winter Wonderland and the Devine Chamber. I saw 2 types of decoration in the Devine Chamber I had never seen before, tiny delicate curls on the ceiling and webs of decoration as fine as cobwebs coating other stalactites, I have no doubt someone would enlighten me as to the correct terms for these formations. Afterwards we headed to the campsite at Witches Cave where we had the pleasure of a pretty hectic storm over night which resulted in little sleep and very wet everything.



*Webs of decoration inside N1369
Prostrate Pit
Photo: Minky Cockshell*

Jamming all our wet stuff into the cars we went down the track and had a short walk to **N370 Matilda Cave** which none in the group had previously been to and it turned out to be a delight. While not extensive, after a downclimb there is a large chamber and a few offshoots and extensive old decoration and areas of red sand similar to Purple Goringe. The cave is track marked and well worth a look. We then headed to **N1411 Sentinel Cave**, parked the cars and draped all our wet tents out and headed 800m off into the bush towards the cave. Again no one in the group had been to this cave before, though it had been recommended and it was probably one of the highlights of the trip, the doline opens up into a massive chamber that continues on over rockpiles until you reach "the Sentinel" at the end which is a really impressive feature reaching the full height of the chamber.



*Heather admiring The Sentinel in N1411 Sentinel Cave
Photo: Matt Smith*

Wednesday afternoon we made the trek out to **N83 Old Homestead** cave and proceeded to cover the car top to bottom in mud. While it was pretty cold and gusty the small shed onsite was a welcome reprieve from the wind and the long drop practically luxury after a week on the Nullarbor.

The morning showed we had more cavers join us over night so we proceeded with the cave rescue exercise under the direction of Ian Collette from WASG. We spent the morning getting into the north section of the cave and rigging the 6m pitch and determining where we would start our rescue from and setting up the Michie phone. After lunch we practised casualty packaging with the 3 stretchers we had on site before heading in and making a start. While Ian and others rigged the outside of the cave in a quite elaborate system we had 8 cavers inside for carrying, hauling and rigging before overlapping with the surface team and switching to the outside rigging system as the sun set and finishing the rescue in the dark. It was an awesome experience with everything from awkward, crawly passages to multiple pitches to negotiate. We all learnt a lot considering we didn't have many "rescuers", we had varying levels of rescue experience and we had people who had never worked together before. Kudos to Marilyn for being our casualty.

While some cavers stayed at Old Homestead for some sightseeing we headed off the next day and visited **N360 Purple Goringe** cave which was lovely, had lots of decorations and I saw my first stegamite formation. We bid farewell to Mundrabilla and headed along the highway to **N2 Weebubbie Cave** where we ran into team FUSSI. We had been anticipating our swim in Weebubbie all week, and a chance to feel somewhat clean was welcome but it was the coldest day and drizzly so it took a little more effort to get enthused about getting into the cold water for a dip. I tested out a new dive mask with a go pro mount while snorkelling which gave us some nice footage of the crystal blue waters.



*The rescue team hard at work extracting Marilyn from N83 Old Homestead Cave
Photo: Minky Cockshell*



*Some of the interesting decoration found on N360 Purple Goringe cave
Photo: Minky Cockshell*

Leaving Weebubbie we started the long trek home, via Ceduna to pick up the trailer and conference gear, pat the national parks cat that had been diligently minding our trailer and camping at Tcharkuldu Rock at Minnipa overnight.

Minky Cockshell



*Team Goldie on the road back to Adelaide via Tcharkulda Rock
Photo: Matt Smith*

Delamere Active Stream Sink 21 May 2023

Party: Ben Coventry, Grant Gartrell.

Only half in jest, we are considering the name Frustration Hole for this cave.

Much has been written about our attempts to find the major cave system that has to exist under Delamere. Our belief in this system is so certain that we have no intention, in the long run, of keeping our present name for it, which just at this very moment must be "Frustration Hole".

Two weeks prior to this trip the weather was OK, but the day before that the rain had been reasonably heavy. Mark Corbett, Minky Cockshell, Ben and I stood on the edge of Lake Delamere, knowing that the spot at which we needed to dig was four or five metres underwater. All we could do was carefully insert sticks into the mud to record the height of the water, and then go and dig in a different hole for a few hours. The time wasn't wasted. It was quite a good hole to work on in the long term, and many buckets of dirt were removed from it. We were able to return after a few hours to the flooded sink, measure the significant drop in water level, and calculate approximately how long it would take for the water to disappear, which turned out to be less than a day. Knowing that assisted us with planning ahead.

Last weekend the weather was just ideal for a dig, and we knew the water would have drained away, but nobody was able to be in two places at once, and, while

every day should be Mothers' Day, that particular Mothers' Day was the official one that won't wait. Just a touch frustrating!

Move ahead one further week. Ben and I, neither who live too far away, arranged to meet there with all our digging gear on this current Sunday May 21, to see if we could advance the cause.

We had been monitoring the detailed weather forecast all week. Things were looking good. So finally we turned up at the site to learn that overnight and into the early morning a good 10mm of rain had fallen, well and truly exceeding expectations, and the place we wanted to dig was once again about 5 metres under water. Not only that, the water level was still rising, so there was not much point in hanging around. There was no point in Ben getting his wetsuit wet. The best we could hope for was to successfully get our vehicles back out of those steep, slippery paddocks, which I am pleased to say is what happened. Just right now, Frustration Hole sounds appropriate. But we will be back!

Thanks to the miracle of the mobile phone camera, much photography of the potential way on is reasonably regularly taken, so that even when the actual dig site is deeply submerged, we can still gaze at beautifully detailed images and plan our strategy. In one such image, Mark and Ben were able to identify one local constriction towards which the bulk of the water flows. A careful inspection of the photo revealed what appears to be a number of quasi-spherical objects. Translating into English, it would seem, not too surprisingly, that as the doline is overhung by several ancient pear trees, that over last summer a number of ancient pears have been swept into the hole, and are now partially blocking the onward path of the water. The good news, of course, is that a drain snake should make reasonably short work of these pears, and when we can finally arrange a day when we can actually get in there, then there may well be a reasonable chance of significantly improving the flow. Other photographs also show quite well-developed scalloping on some drainage tunnel surfaces which suggests that at some stage in the past there have been quite large volume phreatic flows in that area, which is encouraging.

Grant Gartrell



*Frustration Hole in all it's brown glory!
Photo: Ben Coventry*

Historic Trip Reports for Sellicks Hill Cave 5A5

The following trip reports, dated 1 Aug 1971, 15 Aug 1971, 5 Sep 1971 and 17 Nov 1971 were prepared for CEGSA records half a century ago and accidentally placed in the wrong heap of paper, from which they were eventually retrieved on 15 June 2021. Then, due to other unexpected circumstances, their publication was once again sidelined, but at last you are finally getting a chance to appreciate them, at least for their historic value.

TRIP REPORT – SELLICKS HILL CAVE 5A5: 1 Aug 1971

Party: G. Gartrell (L), B. Dunn, J. Beresny

Several people who had indicated that they were going on this trip failed to turn up without informing the trip leader of their change of plans. This caused some inconvenience to those attending and is to be deplored.

The major portion of the day was involved in excavating the floor of the bottom chamber to enable working access to the small tunnel leading off below. A constriction prevents ready access to this at present and some more dirt and heavy rocks must be removed. It is not possible to see beyond the farthest point of the previous trip yet but the breeze was again evident and prospects remain good.

TRIP REPORT – SELLICKS HILL CAVE 5A5: 15 Aug 1971

Party: G. Gartrell (L), N. Poulter, R. Galbreath, E. Galbreath

Grant Gartrell and Norm Poulter went underground while Ron and Edwin Galbreath explored the surface hills nearby. Large rocks mentioned in the previous trip report were moved and a considerable quantity of dirt excavated from the low tunnel. The end of this tunnel was encountered just beyond the previous limit of visibility and although not possible to check this yet it appeared that the breeze must come through rocks in the floor. This was confirmed when excavation in the floor of the near end of the tunnel produced small holes in between rocks through which good air currents passed, before dirt blocked them again. A team of at least five people is necessary to dig efficiently in this cave now, with five or six plastic buckets and a rope with a hook on the end for raising them from the dig. It would seem advisable also that the digger be belayed as there is a possibility that the floor may be a suspended rock-choke and might give way.

TRIP REPORT – SELLICKS HILL CAVE 5A5: 5 Sep 1971

Party: G. Gartrell (L), M. Meth, N. Poulter, A. Saar, P. Chappell, B. Dunn, D. Hawke

Gartrell, Poulter, Meth and Saar reached the cave at approximately 10:15am. A strong surface wind was blowing, but relatively little air was coming from the cave.

The party descended to the previous limit (Trip Report 15 Aug 1971) and excavation of the floor was continued for some hours. A hole appeared in the floor and eventually it was ascertained that the floor was indeed a suspended rock choke supported by three large rocks. The breeze blowing out strengthened considerably during the course of the morning although the wind outside the cave had almost dropped.

Two of the large rocks were removed from the floor to give access to a hole below

and a brief reconnoitre showed a drop of perhaps fifteen feet to a drop-off from where a chamber could be seen with a floor about 20 feet further down. At this stage (approximately 2:30pm) Dunn, Hawke and Chappell arrived at the cave and began to descend. A call was sent up for rope and ladder. Meanwhile two of the original party (Gartrell and Poulter) were at the drop-off point in the bottom chamber when the third and largest of the keyed rocks became loose and fell, bringing with it one of the others. By the time it was ascertained that no-one was injured the first aid kit was on its way down the cave. A minute or two later the smallest and last of the three rocks fell, fortunately also without inflicting serious injury, and a rapid retreat was made to the cave entrance. Both the smaller rocks hit a person below. The largest one didn't. Had it done so, the story would probably have had a different ending. We were also fortunate that the rocks did not have far to fall. The same rocks coming from a greater height would wipe more than the grin off your face.

It cannot be emphasised too strongly that we were extremely lucky. Sore ribs or aching muscles are only a few inches removed from crushed ribs or head injuries or broken limbs, and the squeezes between that spot and the entrance would make even relatively minor injuries a serious problem. We are possibly too used to Naracoorte coralline limestone. Sellicks Hill limestone seems like lumps of solid steel by comparison.

(Note: Norm Poulter subsequently gained a leather rib at the CEGSA annual dinner to replace the one cracked by the third rock.)

Once out of the danger zone we analysed what had happened, and why.

The conclusion is that the bottom rock, which appeared to be keyed securely, was supported at one end by a conglomerate of small rocks and dirt, which gave way, thus letting the rest down. The lesson is not to assume that there are solid rocks inside the dirt giving firm support, that is, not to stand under anything you are not sure of, and to make it your business to be sure.

The next question concerns ten foot (3 metre) dirt and rock walls on two sides of that hole. We cannot assume that these can safely hold up the large rocks which occur further up. We do not know whether the dirt conceals solid walls only a few inches in, whether the rocks over the top are securely cemented, just projections of the wall, or alternatively whether the whole lot is ready to subside down the hole. For safety's sake we must assume the latter.

Why bother to go back at all? The answer is that the bottom chamber into which we have not yet descended looks quite impressive. It is not possible to see all of the chamber from the top and it may continue for some distance around a corner. At the point where it disappears around the corner it has a flat, slowly descending floor, and the passage size looks to be over 2m wide and 6 m high.

The walls, floor and ceiling in this chamber are smooth and safe, and well clear of the rock-choke zone, through which we have been descending. Rough calculations on the air-flow from the cave, assuming it is caused by barometric pressure drop outside the cave, with which it is definitely correlated, indicates a cave volume of the order of 3m by 3m by 2km or more, which would be worth having so close to Adelaide.

The prospects are there and the cave is worth continuing with, so we must make it safe. We can do this by the construction of suitable concrete retaining walls. Access

through the rest of the cave should also be improved and an earlier concreting job completed. Suitable ladder anchoring and belay points should be incorporated in the concrete work since none exist at present.

Finally, a survey may yet show that the chamber into which we can see links up with the cave nearby at the edge of the road. If this is so it could be worth re-opening the entrance to that cave and spending some time clearing it out and concreting where necessary. It could ultimately provide a more direct and less constricted entry to what has the potential to be mainland Australia's deepest cave.

TRIP REPORT – SELICKS HILL CAVE 5A5: 7 Nov 1971

Party: G. Gartrell (L), N. Poulter, B. Dunn

On this trip a 3/8" LOXIN was inserted in the roof above the bottom point of previous trips to the cave and 2 lengths of ladder attached by carabiner to it. The party descended with great caution to a small chamber amongst a large rock-pile. From this chamber a rope descent of 4m (preferably, a ladder should be used next time) led to a fissure cave in which the floor descended in a series of steps.

The fissure ran for approximately 30m altogether before being blocked by a rock-choke. Both walls were sound and covered with live white nodular formation and flowstone for most of their length. Ceiling height of the fissure was uncertain but generally in excess of 10m. The floor of the fissure appeared to be a rock-choke and in one place at least, a hole worth excavating could be seen descending a further 4m or so below the general floor level.

The cave should be treated with extreme caution, particularly near the ladder drops, but shows some promise. Total depth so far is estimated at 50m.

It is recommended that party sizes should be limited to three or four maximum below the ladder at any one time, and that only experienced cavers enter this cave at this time.

A preliminary survey will be conducted soon and may indicate the desirability of re-opening and gating the roadside entrance cave (which is obviously an upper level continuation of the deep fissure) due to the constricted nature of the present route and the difficulties of ensuring the stability of the ladder drop section.

The preceding trip reports were written over fifty years ago, and then inadvertently mistakenly incorporated into a heap of other old cave records in which they have only recently been re-discovered. Trips to 5A5 have continued, somewhat intermittently over the last fifty years. More work has taken place deeper down in the cave, but there is not a lot of room left for establishing local rock-piles of the by-products of continued cave digging. The cave would continue to get deeper, and perhaps spectacularly so, if more effort could be found to safely and efficiently remove this material.

No further work has been considered in regard to the application of any concrete for extra stability in the first section of the cave where it was initially contemplated, principally because a further half a century has now elapsed and there has been no indication of any remnant propensity for further instability. Nevertheless, it remains prudent to be especially mindful of the history of this part of the cave.

The surveying mentioned in the reports was carried out in due course, but more digging was also carried out, extending the depth and complexity of the cave. Further work is now required to extend the survey. Air flows at depth in the cave indicate that a much larger system awaits discovery.

Grant Gartrell

Past Trips from General Meeting Minutes

January 2023

- Grant Gartrell: has been to Delamere, digging continues.
- Neville Skinner: went with Damien Pilkington on his family trip on the 28th Dec, 10-12 people came, good trip! The trip was delayed by a day because of a total fire ban.
- Peter Hawkes goes on daily walks in Murray Bridge, says the cave there currently has 300mm water inside, lots of debris

February 2023

- Damien Pilkington ran a Beginners Caving Trip to Corra-Lynn on the 17th & 18th of February. Neville Skinner attended, and said there were 12 children from age 12-17. The total attendance was 23. Neville, Graham and Damien each led a group, the trip was a success, many future cavers!
- Neville Skinner discussed the Delamere dig from 12th February, have made some good progress on the dig
- Grant Gartrell discussed the Delamere dig from 17/18th February- the 'triangular rock' which was in the way is no longer, however there are more 'triangular rocks' blocking access. Peter Hawkes, Ben Coventry and Mark Corbett attended. Good water flow down the cave continues, hopefully the storm forecast for this weekend does not reverse the hard work that has been done.
- Kevin Mott- has been doing some Bat recovery trips, many known cave entrances choked with blackberries. Hoping Steve Borne can arrange some workers to work on the removal of the blackberry bushes.

March 2023

- The Delamere diggers visited the site on the 17th March. Grant reported there were lots more triangular rocks to be dealt with. The water is still draining pretty freely, and plenty more opportunities.

Future Trips

Mercedes College Corra-Lynn Trips

Mercedes College have asked if CEGSA could lead a trip to Corra-Lynn Cave on May 25th and June 1st. The days will start at the Curramulka Bowling Club around 9am, then concluding about 1:30 pm. There will be approximately 20 students per trip.

This will be a beginners trip. Those who are knowledgeable of the cave will lead a group of students teaching them the basics of caving and safety.

The leaders will also lead a tour of the cave as part of this process. (Need 4 per trip)

We also need "Tail-end Charlies" to assist the leader and in case of emergency can be of assistance. This is a good job for learning to be a group leader in the cave. (Need 4 per trip)

Each leader and participant from CEGSA will need a Working with Children Clearance, and if you haven't been before a Catholic Working with Children. These will be provided by the school. Please let me know ASAP if you need any clearances.

We are hoping that you are able to join us on these two trips in leading the students.

Damien Pilkington

damien@coolchem.com.au



Technical and Other Articles

Kevin Mott - Volunteer of the Parks 2022

Congratulations to Kevin from everyone at CEGSA for being awarded the 2022 Volunteer of the Parks award. This annual award is presented by the Rotary Club of Burnside on behalf of the Friends of Parks association, and recognises his ongoing contributions over many years. The citation is below:

Kevin Mott has been a long-time worker for conservation: initially working on feral pine and weed control, he became a founding member of the Friends of Mt Gambier Area Parks (FoMGAP) volunteer group, and has been their President for the last 25 years. He also takes responsibility as Safety Officer to ensure the group operates in safe working conditions.

An enthusiastic but quiet achiever, Kevin is always keen for FoMGAP to take on new projects. He was a key player in the 2012 NRM Community Grant funded Glenelg Freshwater Spiny Cray habitat restoration project, planting several thousand trees and understory species along degraded karst springs in the Port MacDonnell area, linked to a 12 month program of water monitoring with all field work led by Kevin. In recognition, FoMGAP was awarded the McLaren Shield for this project.

FoMGAP undertook propagation and re-planting of the vulnerable *Ixodia achillaeoides* ssp *Arenicola*, known only from two sites in the Limestone Coast, the most important being at Douglas Point. FoMGAP members relocated the track at Douglas Point to avoid these plants as well as build steps to the beach and erect fencing to protect native vegetation and the fragile coastal soils.

Kevin commenced a beach erosion survey at Piccaninnie Ponds Conservation Park beach, in the vicinity of the ponds' outlet, which discharges onto the beach, demonstrating substantial erosion and ingress of the coastline in this fragile wetland environment. FoMGAP installed the first Piccaninnie Ponds board walk and viewing platform. The area between the main carpark and beach, originally crisscrossed with tracks, has now been fully revegetated with no tracks through fragile dune vegetation. FoMGAP undertakes annual walking track maintenance in several parks. Kevin led trial revegetation of grassland plots in Pick Swamp (Piccaninnie Ponds Conservation Park) utilising innovative techniques including the removal of topsoil to reduce nutrient rich soil and weed seeds. This trial was successful and the group are expanding these trial plots in 2023 using a similar methodology and funding through volunteer grants.

While revegetation is a focus of FoMGAP winter working bees, under Kevin's leadership FoMGAP has retained weed control as a primary objective, recognising the threat weeds pose to conservation areas.

Over and above his work with FoMGAP, Kevin maintains a number of significant other conservation activities of his own volition. These include caving, cave hydrology, and cave and karst management interests, relating not only to the South East, but including Kangaroo Island and the Nullarbor karst systems. An early contribution was mapping Aboriginal cave art as a part of the 1976 Koonalda Cave (Nullarbor) expedition which provided the first archaeological evidence that Aborigines had been in Australia for at least 25,000 years. Kevin's extensive caving knowledge and experience have been shared with the Friends of Naracoorte Caves through his assistance and membership over many years and his maps of caves

there are utilised by the Naracoorte World Heritage staff and researchers.

Kevin's conservation and environment volunteering has included Field Naturalist Groups, Cave Exploration Group SA, the Australian Cave and Karst Management Association, School Councils and the District Council of Grant Environment Advisory Committee, establishing the Water Watch program in the region, BlazeAid, and presentations, meeting assistance and conducting field days with environmental themes for the University of the Third Age.

It is with great pleasure the Rotary Club of Burnside is able to recognise Kevin Mott and the work he does as a Volunteer of the Parks.



*Kevin Mott receiving his Volunteer of the Parks 2022 award
Photo: Unknown*

From the Internet

Australia's biggest eagle found in Flinders Ranges

A team of Flinders University fossil hunters has found the remains of a 60,000-year-old eagle that was the largest bird of prey to ever live in Australia.

Led by paleontologist **Dr Ellen Mather**, the team was led to the eagle remains by following clues obtained from a South Australian Museum relic card outlining where four large fossil bones had been collected by cavers back in 1956 and 1969.

Repeating instructions indicated by the SA Museum relic, the fossil hunters descended into **5F3 Mairs Cave** in the southern Flinders Ranges and discovered 28 bones scattered about deep among the boulders at the site.

Members of CEGSA and FUSSI were involved in supporting this research, but leading trips into the cave with Dr. Mather

<https://indaily.com.au/events/regional-news/2023/03/24/australias-biggest-eagle-found-in-flinders-ranges/>



*Dr Ellen Mather holding the femur of a wedge-tailed eagle (left) and *Dynatoaetus gaffae* (right) for comparison.
Photo: Tania Bawden.*

Putting the 'history' in 'prehistoric': confirming the origin of the first collection of megafauna from the Naracoorte Caves

The World Heritage listed Naracoorte Caves in southeast South Australia contain some of the world's most valuable fossil deposits from the Quaternary period (2.5 million years ago to the present). The caves are particularly famous for their 'megafauna' fossils. These large animals roamed the Australian continent for most of the Quaternary, before the majority became extinct around 45 thousand years ago.

While the Naracoorte Caves are famed for these megafauna, limited information has been available on the discovery and first recorded collection of their fossils at the site. Using a variety of historical documents Phd candidate **Nertia Turner** and **Dr Liz Reed** have successfully pieced together the mystery surrounding these fossils and increased the scientific value of the first collection of megafauna fossils from the Naracoorte Caves. Findings were recently published in *Transactions of the Royal Society of South Australia*.

<https://blogs.adelaide.edu.au/environment/2023/03/27/putting-the-history-in-prehistoric-confirming-the-origin-of-the-first-collection-of-megafauna-from-the-naracoorte-caves/>

A Case for Below-Ground Dispersal? Insights into the Biology, Ecology and Conservation of Blind Cave Spiders in the Genus Troglodiplura

Blind cave spiders of the genus Troglodiplura are large, enigmatic spiders, which show a number of adaptations to an underground existence, including elongated limbs and a complete lack of eyes. They are known only from the Nullarbor Plain, Australia and prior to this study the species were only known from juveniles or fragments of dead spiders. We investigated the distribution of Troglodiplura in South Australia, providing detailed observations of the behaviour of living adult and juvenile spiders in their natural habitat and in captivity. Given the adaptations of the spiders to an underground existence, plus the barriers to above-ground dispersal posed by the arid climate of the Nullarbor Plain, we expected species to be confined to single caves. However, our molecular evidence showed that the species *T. beirutpakbarai* was distributed across multiple caves in South Australia, each separated by between 10–27 km, and that there had been connection between the caves in recent history. These findings provide intriguing evidence for subterranean between-cave dispersal mechanisms for these spiders. A number of threats to cave fauna and the fragile cave ecosystem are posed, and we recommend further research to better define the distribution of vulnerable cave taxa and their conservation profiles.

<https://www.mdpi.com/2075-4450/14/5/449>



Tree-climbing 'drop bears' and crocodiles inhabited eastern Australia millions of years ago

An Australian folklore legend often used to intimidate tourists has been found by researchers to have existed in parts of eastern Australia about 15 million years ago.

International campers have for decades been led to believe the so-called drop bear, a koala-like carnivorous bear living in the treetops, would drop onto the heads of people walking beneath them.

Researchers from the University of New South Wales (UNSW) have found while drop bears don't currently occupy treetops, they did inhabit the canopy of lowland Australian rainforests in the Middle Miocene Epoch.

The marsupials, known as Nimbadoron, weighed about 70 kilograms and were similar to wombats.

<https://www.abc.net.au/news/2023-05-20/drop-bears-crocs-eastern-australia-millions-of-years-ago-unsw/102360948>



ASF Conservation Commission: The Industrialisation of the Nullarbor

The Conservation Commission invites you to a zoom session on the proposals for wind, solar and hydrogen developments on the WA side of the Nullarbor.

The proposal includes 3000 wind turbines, 50 solar farms with a hydrogen electrolysis plant within each one. It includes expanding the population of Eucla from around 20 to 15,000.

There is a lot more of course, and the Conservation Commission of the ASF invites your involvement in trying to stop this development on the biggest piece of arid karst in the world.

Save the Date: June 6th. 2023. 8 pm EST, 7.30pm CST and 6.00pm WA time.

<https://us02web.zoom.us/j/85968597170?pwd=YkpxZUNKT3Q0Zjk0Y3dYOGU0V0ZCQT09>

I hope to see you all on the night, please forward to all club members and interested parties.

Cheers

Dr Clare Buswell

Chair - ASF Conservation Commission

Caving in the Moonlight - 33rd ASF Conference - Buchan Victoria



**CAVING IN
THE MOONLIGHT**

33rd ASF Conference - Buchan Victoria
Sunday 12th January - Saturday 18th January 2025

DATES Sunday 12th January 2025 - Welcome BBQ
Monday 13th - Saturday 18th presentations, caving, speleo sport, skills and much more.

ACTIVITIES A range of local activities will be available during the conference. Kayaking on the Snowy River, zip lines, biking, horse riding and beautiful walks.

Additions to the CEGSA Library April 2023

New books purchased in the last 6 months

CEG#	date	edition	title	editors / authors
B440	2022		Abercrombie Caves	David Stuckey, Bruce Welsh, Beth Little
B441	2017		Samar Island Caving Adventures	Sarah Francis

Second-hand books purchased at the 2023 ASF Conference

B395	2011		A Karst Atlas of New South Wales : The Documentation System	Peter Dykes
B442	1992		America Underground	Christie McFall
B443	1989		ATLAS of the Great Caves of the World	Paul Courbon et al
B444	1987		Beneath the Mountains : Exploring the deep caves of Austurias	David Rose, Richard Gregson
B445	1978		Carlsbad, Caves, and a Camera	Robert Nymeyer
B446	2009		Caves and Karst of the USA	Arthur N Palmer, Margaret V Palmer
B447	1964	Fr-Eng 1966	Caves and the marvellous world beneath us	Robert Stenuit, Marc Jasinski
B448	1993		Caves & Cave Life	Philip Chapman
B60	1952	Fr-Eng 1952	Caves of Adventure	Haroun Tazieff
B449	2004		Caves of Gunns Plains	Stephen Blanden
B450	2006		Caves of Northern Thailand	Pindar Sidisunthorn et al
B451	1964		Caves of Virginia	Henry H Douglas
B452	1976	Bulletin 59	Caves of Wyoming	Chris Hill et al
B453	1955		Celebrated American Caves	Charles E Mohr, Howard N Slone
B454	post 2005		Cerovac Caves : Guide	Ivo Bralic
B455	1972		Genetic Relationship Between Caves and Landforms in the Mammoth Cave National Park Area	Franz-Dieter Miotke, Arthur N Palmer
B456	1980		Gurnee Guide to American caves : A Comprehensive Guide to the Caves in the United States Open to the Public	Russell Gurnee, Jeanne Gurnee
B457	1964		Speleology : The Study of Caves	George W Moore, G Nicholas
B458	2013		Temple Caves & Grottoes in Thailand : a Picture Guide Book	Nils B Vogt
B61	1966		The Life of The Cave	Charles E Mohr, Thomas L Poulson
B459	1984	Greek-Eng 1984	The Greek Caves : A complete guide to the most important Greek Caves	Anna Petrocheilou
B460	1976		The Science of Speleology	T D Ford, C H D Cullingford
B461	1983		Timpanogos Cave	Stephen Trimble
B462	1952		Underground Adventure	Arthur Gemmell, J O Myers
B463	1985		Underground Britain : A Guide to the Wild Caves and Show Caves of England, Scotland and Wales	Bruce Bedford
B369	1982	Eng 1987	Underground Worlds	Donald Dale-Jackson
B464	1992		Welcome to Waitomo Caves New Zealand : A Photographic Insight to this Spectacular Region of New Zealand	
B378	Mar-19 75	OP3	The Discovery of the Barralong Cave	Ronald L Newbould

Second-hand periodicals purchased at the 2023 ASF Conference

National Geographic

P134.1	Feb-1996	vol 189#2	Into the Heart of Glaciers	Carsten Peter
P134.1	Apr-1996	vol 189#4	Storming the Tower / Pilgrimage to China's Buddhist Caves	Todd Skinner / REZA
P134.1	Jun-2010		True Colors : The Changing Face of Greenland / Caves of Faith	Mark Jenkins / Brook Larmer

Book donations from Peter Ackroyd to CEGSA Library

Excludes 17 excess items to be offered to members

Excess items : CEGSA maintains no more than 2 copies of each publication.

If more than one edition, then one of each edition.

CEG#	date	edition or first published	title	editors / authors
B414	1954		A Dictionary of Geology	Godfrey W Himus
B415	1988	first	Race against time : A History of the Cave Research Organisation	Jim Eyre, John Frankland, Dave Hartnup, Martyn Farr
B143	1991		The Darkness Beckons : The History and Development of Cave Diving	
B416	1996	first	Caves : Processes, Development, Management	David Gillieson
B417	1999		Dark Life	Michael Ray Taylor
B77	1988		Vertical : A Technical Manual for Cavers	Alan Warild
B70.7	1977	first	Single Rope Techniques : a guide for vertical cavers (SSS OP7)	Neil R Montgomery
B418	2002		Proceeding of the Asia-Pacific Forum on Karst Ecosystems and World Heritage	
B419	1992		History of Cave Science : The exploration and study of limestone caves to 1900	Trevor R Shaw
B172.5	1963	1935	Ten Years Under the Earth	Norbert Casteret
B420	1972	1953	The Face of Australia	Charles Francis Laseron
B341	1966	1966	Cave-Craft : An Introduction to Caving and Potholing	David Cons
B422	1986		SRT (Single Rope Technique : a training manual)	Dave Elliot
B423	1927	6th	The Trans-Australian Wonderland	AG Bolam
B424	2005	2005	Spirit of the Desert : The Story of Eucla	BA Saunders
B425.1	1970	1970	The Nullarbor Story	Basil Fuller
B425.2	1975	reprint	The Nullarbor Story	Basil Fuller
B426	1977	1977	Nullarbor Lifelines	Basil Fuller
B427	2001	reprint	Our Life at Nullarbor	Coral Beattie
B428	1974	3rd	Australian Aboriginal Culture	FD McCarthy
B429	1946	first	The Red Centre : man and beast in the heart of Australia	HH Finlayson
B430	2015	first	The Unknown Explorer : The Life, Times and Travels of Richard Thelwall Maurice	Neville C Collins
B431	1998	first	Walker in the Wilderness : the Life of RJ Anketell	Judith Anketell
B432	1991	first	Road Through the Wilderness : the Story of the Transcontinental Railway	David Burke
B433	1944	first	Australian Caves, Cliffs, and Waterfalls	Charles Barrett

B434	1979	first	The Victorian Naturalist Subject Index 1884-1978 : vol 1-95	Kathleen E Hall, Arthur W Thies
B211	1990	first	Jenolan : The Golden Ages of Caving	Basil Ralston
B386	2010	first	Click go the Cameras at Jenolan Caves 1860-1940	Elery Hamilton-Smith
B435	1993		The Buchan & Murrindal Caves, East Gippsland, Victoria	Kent Henderson, Marise de Quadros
B354.9	1975	9th	Jenolan Caves New South Wales	BT Dunlop
B436	1979	first	Peak Cavern : Home of the Ropemakers	Brian Woodall
B437	1952	first	The Blue Mountains and Jenolan Caves : A Camera Study	Frank Hurley
paper	1986		A Bibliography of Victorian Caves and Karst	Susan White
paper	1979		Check-List of Australian Caves and Karst 1979	Peter Matthews

Periodicals donations from Peter Ackroyd to CEGSA Library

CEG#	date	edition	title	editors / authors
P57.2-1307		May-1947	WALKABOUT vol 13#7	Charles H Holmes
P57.2-1811		Nov-1952	WALKABOUT vol 18#11	Charles H Holmes
B214-1 3	1987		Cave Convict : Proceedings of the 13th Biennial ASF Conference held Dec 1980	Philip John Mackey
B421	1991	first	Oliver Trickett : Doyen of Australia's Cave Surveyors 1847-1934 {SSS OP#10}	Gregory J Middleton
B439	1980	2nd	Geology of Luray Caverns Virginia {Report of Investigations 3}	John T Hack, Leslie H Durlow Jr
	2006	extract	No ordinary man : Tenison Woods and the Naracoorte Caves	Elery Hamilton-Smith
P176.1-186		Mar-2000	New Zealand Speleological Bulletin vol 10#186/7 - Jun-Sep 1998	Steve Glasgow
P71.1	1997		Kras May 1997 number 21	Lev Lisjak
B248	1992	first	Tasmanian Cave Exploration in the 1980's {TCC Explorations Journal vol 1}	Nick Hume, Stuart Nicholas, Trevor Wailes
B438	1989	reprint	Geology of the Buchan Area, East Gippsland {Vic Mines Dept Memoir #21}	C Teichert, JA Talent
P1468.2		Jun-1975	Australian Natural History special issue - Australian Caves vol 18#6	Nancy Smith
B215-1 3	1980		Victorian Caves and Karst : A Guidebook to the 13th ASF Conference	Lloyd Mill, Sue White, Phil Mackey

Book & Periodical donations to CEGSA Library from various sources

CEG#	date	edition	title	editors / authors
B465	1981		Nomination of The Lord Howe Island Group by the Commonwealth of Australia for inclusion in the World Heritage List	NSW Government
P49.4-17	2017		Conference Handbook : 17th International Congress of Speleology Sydney Australia	Ann-Marie Meredith, Kevin Moore
P1952.1-5	1989	In Spanish	Geology of Luray Caverns Virginia {Report of Investigations 3}	John T Hack, Leslie H Durlow Jr
B466	1970		The Underground Rivers of North-Western Puerto Rico	G J Nelson
P1953.1	1990	to 1992	IGC Project 299 Newsletter	Lin Xinhong
P7.6-31	2019		ASF 31st Biennial Conference Guidebook The Darkness Beneath	
B467	1993		Geology of the Barrandian : A Field Trip Guide	Ivo Chlupáč
B468	1976		Analysis of Landforms	C R Twidale
P1955.1	1997	& 2000	IPOGEA Journal of Karstology and Speleology	GSSG (Italy)
B469	2007		Hypogene Speleogenesis: Hydrogeological and Morphogenetic Perspective	Alexander Klimchouk
B470	2012	vol 56#2	Zeitschrift für Geomorphologie	Gabor Toth
B471	1999		Karst Modeling	Arthur Palmer, Ira Sasowsky
B472	1964		Problems of the Speleological Research (International Speleological Conf #4)	Otakar Stelcl
B473	2008		Palaeomagnetism and Magnetostratigraphy of Karst Sediments in Slovenia	Z N Hajna et al
B474	1966		The Frogs of South Australia	Mike Tyler
B475	2014		Climate Change - The Karst Record (KR7 "Down Under")	Melbourne Uni

Calendar of Events

	Type of Event	Description	Contact
24/05/2023	General Meeting	SA Museum Royal Society Room 7:30pm	Matt Smith
25/05/2023	Corra-Lynn	Mercedes College Trip	Damien Pilkington
01/06/2023	Corra-Lynn	Mercedes College Trip	Damien Pilkington
17/06/2023	Corra-Lynn	Casual recreation trip to 5Y1 Corra-Lynn Cave. All welcome.	Mark Corbett
28/06/2023	General Meeting	SA Museum Royal Society Room 7:30pm	Matt Smith
26/07/2023	General Meeting	SA Museum Royal Society Room 7:30pm	Matt Smith
09/08/2023	CEGSA News	Articles Due	Matt Smith
23/08/2023	General Meeting	SA Museum Royal Society Room 7:30pm	Matt Smith
27/09/2023	General Meeting	SA Museum Royal Society Room 7:30pm	Matt Smith
25/10/2023	General Meeting	SA Museum Royal Society Room 7:30pm	Matt Smith
08/11/2023	CEGSA News	Articles Due	Matt Smith
22/11/2023	General Meeting/EOY Dinner	Venue TBC	Matt Smith

Extra trips will be notified in the Calendar on the CEGSA website or at General Meetings

To be covered by insurance it is mandatory that caving trips involving club members must be registered as CEGSA Trips. To do this, the nature and timing of the trip must be entered in the Calendar of Events in CEGSA News, minuted at a General Meeting of Members, or entered into the Website Calendar. The member registering such a trip must be an accredited CEGSA Trip Coordinator and must agree to act in the capacity for the trip. There must also be an accredited Trip Leader with the appropriate skill endorsement to take a part caving.

Also, please ensure that a report of the trip is submitted to the Records Officer and CEGSA News Editor in a timely manner

<https://www.cegsa.org.au/calendar/trip-application>