

# NEWSLETTER MONTHLY

JULY 2011



# MSS NEWSLETTER

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Cover Shot:  
Julie in Spry Canyon, Zion National Park.  
Photo by Julie Burton

NEWSLETTER OF THE METROPOLITAN SPELEOLOGICAL SOCIETY INC.  
P.O. Box 178, THORNLEIGH, NSW, 2120

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## Society News

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### Cliefden trip leaders

Recently Jim Crockett and Rod Smith become accredited to lead Cliefden trips. If you're interested in going caving at Cliefden feel free to talk to either of these gentlemen, or just keep an eye on the trip calendar.

### Trip update

Danielle has created a proposed schedule for the Tasmania trip later this year. The schedule is attached as appendix 1. If you're interested in this trip then please have a look and provide Danielle (0404 305 878, [danielle.lewin1@three.com.au](mailto:danielle.lewin1@three.com.au)) with any feedback you have.

### Club EPIRB

Just a reminder to all trip leaders that we have the new EPIRB and this should be taken on every trip. Our Equipment Officer, Jim (0407 284 256, [jmtcrockett@unwired.com.au](mailto:jmtcrockett@unwired.com.au)), has this, so please coordinate with him to collect it before your next trip.

### Caving in Sri Lanka

During Jim's trip to Chillicon he found out there may be an organised trip to Sri Lanka next year to study and explore the caves there. If you are interested in possibly joining this trip then let Jim know (0407 284 256, [jmtcrockett@unwired.com.au](mailto:jmtcrockett@unwired.com.au))

### Next meeting

The next meeting will be held at Chris Johnstone's place on the 25th August.

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## Trip Reports

### Zion Canyoning

June - July 2011

Report by: Julie Burton

Photos by: Julie Burton

Participants: Julie Burton.

I have just returned from an amazing trip to the USA where I spent two weeks canyoneering in Zion National Park, Utah. Tom Jones very kindly hosted me, and when he was unable to come canyoneering, arranged other people for me to go with.

I was collected from St George by Felicia who whisked me off to a BBQ in Springdale that evening with the Bogley group, a Utah based internet canyoneering community. I was made to feel so welcome and my holiday was off to a great start.



My first canyon the next day was Pine Creek with Tom Jones. The first thing I noticed was how much smoother the sandstone was than in the Blue Mountains canyons I used too. It took me a while to trust the traction on my shoes. Although short, this canyon was spectacular. Dark and narrow with some terrific rappels. Then the obligatory boulder field scramble down to a beautiful pool, then quick scramble to the road where Tom hitched a ride (sopping wet) back to the car. A short day, only about 4 hours.

Pine Creek photos

<http://imageevent.com/jburton/zionnationalpark/pinecreekjune2011>

Tom was unavailable the following day so he introduced me to Shelley and Dave Buckingham from the Zion Adventure Company who invited me to join them doing Das Boot Canyon. They were unable to secure a permit to exit via the Subway, so the plan was to do Russell Gulch after Das Boot and exit by the Wildcat trail.

After bit of tricky navigation (and Shelley and I becoming separated from Dave for a short time), we suited up spent the next couple of hours swimming, wading and rappelling off logs as we made our way through this beautiful, dark and narrow canyon. We reached the junction which signalled our exit point and clawed our way up steep track to the top, then began making our way over to do Russell Gulch. And so I had my introduction to slickrock. Steep, hot sandstone radiating the heat of the early afternoon that went up and up. I found it easier ascending sideways mountaineering style. Did I say easier? I quickly learned to dislike "up" and "slickrock" in the same sentence, and soon learned it happened often.







Many rest stops later, Shelley and I caught up with Dave who was sitting, panting in the heat. We unanimously decide that we didn't fancy that ascent again so plans for Russell Gulch were shelved and we continued the long hike back to the car. A magnificent day topped off with a well earned beer!

Das Boot photos <http://imageevent.com/jburton/zionnationalpark/dasbootcanyonjune2011>

My next canyon was Boundary Canyon with Tom Jones, Bruce Silliman, Parker Simper and Nate. As Tom hadn't canyoneered with us before, this was a practice run for heaps in a couple of days.



Tom and I camped at Lava Point the night before and the mozzies were in plague proportions. During the night I heard Tom unceremoniously tossing everything out of his car and sealing himself inside. I slept blissfully untormented wearing an Aussie repellent the US mossies hadn't acquired a taste for.

We were joined by the others early the next morning and were very happy to learn that Parker came with the gate owner's permission to drive down the MIA road right to the canyon saving us several hours hiking.

We carefully negotiated fallen trees and were soon suiting up and being briefed by Tom on how to manage time efficiently using his Roly Poly method of rigging and moving forward. Then we were in the canyon. And it was awesome right from the start! The waterfalls were flowing nicely, Tom says it's the most water he's seen in there. The rappels were exciting and slippery and canyon stunning.

After we all rapped the last pitch and rope was being pulled, it was noticed that a rope was missing, still at the top of the last pitch. So retrieval was halted just in time and Parker volunteered to go back up and get the rope. Teamwork on the ground gave him assistance in making record time back up.



We bashed down the creek and soon reached the junction with Kolob Creek which was a canyon itself at times with beautiful high walls closing in and rising high above us.

A long steep climb up the watershed followed until we reached the MIA trail and Nate and Parker set off to get the cars and bring them to where we waited. And waited. And waited. When they returned it was to enlist us in helping to retrieve



Parker's truck from it sat stuck in mud in front of a fallen tree. After pushing, pulling and digging, we set up a 3:1 MA with abseiling ropes and the truck was finally free. Then a careful squeeze under the fallen tree with half inch to spare and we were on our way. Another fantastic day with a great team of people.

Boundary Canyon photos

<http://imageevent.com/jburton/zionnationalpark/boundarycanyonjune2011>



A day of rest then finally, one of the canyons at the top of my wish list – Heaps Canyon! Camped at Lava Point again, this time Tom and I taking tents to avoid the friendly mozzies. Up at 4am and Tom, Parker, Bruce, Nate and I were walking by 5 at a cracking pace. Six hours and two rappels later we were having our first lunch and suiting up, and we were entering the canyon I'd heard so much about. And what a canyon! 25-30 rappels, many off log jams and almost every one a difficult start. Twisting, winding, classic canyon formations closed in overhead. Potholes brimming with water but still proving a challenge to pull oneself over the rim, often still on rope to continue rappelling. Spicy downclimbing, long, cold, dark swims.

Our second lunch was on a large flat rock in an open section where some of us had a nap in the sun before plunging into the next constriction for more rappelling, slithering and swimming. Everyone was fantastic helping each other through the canyon. Seven hours of this and we came to the end. Three exit rappels down a cliff-face awaited us, the last rap 90m overhanging. Using Piranas, we utilised a z-rig to increase friction as we descend, a method I'd read about but never used before and it was very effective. It was dark by the time we all got down then it was into Springdale for a celebratory drink. A truly awesome day in an epic canyon!

Heaps Canyon photos <http://imageevent.com/jburton/zionnationalpark/heaps canyonjune2011>



My next canyon was Spry canyon with Andy Eastman, Brian Black and his son Keelin. A more open type of canyon some pretty slot sections, nice rappels and interesting downclimbs. Although Spry has some wet sections, wetsuits weren't needed so I managed to leave a considerable sacrifice to the Canyon Gods on the climbdowns. Our progress was slowed somewhat on the last four rappels when a female in the group behind us dislocated her knee and Brian, who is a nurse provided first aid and our two groups merged to assist her through the rappels. Saw her waiting in the car the next day while her family were doing Keyhole Canyon.

Spry Canyon photos

<http://imageevent.com/jburton/zionnationalpark/sprycanyonjune2011>

The following day I met Shaun Vernon and we did Keyhole Canyon. The plan was to back it up with Pine Creek again, but were unable to secure a permit for that so we tried to lengthen the day by exploring the upper Keyhole section. Which didn't take long. Keyhole was very short and very sweet, and finished with walk through a tunnel under road back to the car. A pretty little canyon with a couple of raps and swims.

Keyhole Canyon photos

<http://imageevent.com/jburton/zionnationalpark/keyholecanyonjune2011>



At last! The Narrows was finally declared open from the top so it was with excitement (on my part) that a permit for Imlay canyon was secured. The team comprising Tom, Anna (from ZAC), Phill, Shaun and I set off from the Grotto at 5am for the long ascent up Angel's Landing in the dark. The eventual descent to Imlay canyon wasn't unlike the scrubby descent into any Australian canyon but any similarity ended when we suited up and I found myself wading then swimming single file through thick Log Soup. An awesome canyon similar to heaps with challenging rappels off difficult starts, cold swims, downclimbs and potholes to escape. Tom fixed





guided rappels across two potholes and everyone chipped in helping each other through the canyon. As in Heaps, lunch was followed by a long nap on a rock in the sun before entering the final constriction. The Grand Finale was a 60m rappel into the Narrows. Then drybags were inflated and we floated downstream on our backs, getting pummelled through the shallow sections by white water and submerged boulders to the amusement of tourists hiking the narrows.

Imlay, the final canyon of my first visit to Zion, was the icing on the cake and sealed a truly awesome time in a spectacular place.

Imlay Canyon Photos  
<http://imageevent.com/jburton/zionnationalpark/imlaycanyonjuly2011>

Hiking the Narrows photos  
<http://imageevent.com/jburton/zionnationalpark/thenarrowsjune2011>

I want to say a huge thank you to Tom Jones for hosting me and introducing me to such wonderful people who made me feel so welcome. My Zion experience is one I will never forget.



## Field Day

10th July 2011

Report by: Beth Little

Participants: Beth Little, Rod Smith, Jim Crockett, plus 6 BMSC members

I have such fond memories of SRT training days - I know, I know, I am such a nerd. My favourites have been at houses, or in caving huts, where you can warm your hands on a cup of tea with both feet on the ground chatting to people suspended and writhing about up in the air trying to problem solve how to get their rig tuned perfectly. There is nothing half so much worth doing as simply messing about up ropes. Simply messing.

Sunday 10th July saw a bunch of vertical caving budding enthusiasts meeting up my place at Oakville to have such a training day. Few from MSS (thanks Jim and Rod), the rest from Blue Mountains (thanks Rick). Endless pots of tea and coffee while we practiced essential knots, set up rigs and tuned others. We set up a couple of ropes on the obliging gum trees in the backyard, from which we hang about for the majority of the day doing knot cross overs, rope to rope transfers and ascenders to descender practice etc. Good little refresher. With a top little bbq lunch cooked by my little brother. Good day. And really great to hang out and meet some new caving friends!

## Capertee National Park

16th and 17th July 2011

Report by: Rod Smith

Participants: Rod Smith, Jim Crockett, Ray Etherton (BMSC & NHVSS), Natalie Etherton (BMSC & NHVSS), Fletcher Etherton (BMSC & NHVSS), Josh Little (BMSC & NHVSS), Dennis Marsh (OSS), Bruce (OSS)

It was my fourth trip to Capertee National Park, and it won't be my last. Although we've accepted the fact we're not going to find a major cave system, unless we dig it ourselves, it's a wonderful place to camp and just "get away from it all".

I picked Jim up on Friday afternoon, getting away before the worst of the peak hour traffic. It was after dark when we arrived. Thankfully, for us, Ray, Nat, Josh and Fletcher were already there and had a great fire going. We chatted for a while before turning in for the night.

Saturday morning the weather was nicely well behaved and we made our way out to our dig. Jim was given a brief tour and then joined us at the dig. We took turns in the hole, trying to work our way past the constriction. By the end of the day we'd dug enough out that we could sit below the constriction to dig, which actually made things a bit easier.

Sunday we were joined by Dennis and Bruce. They got the tour around the dig before taking their turn in the hole. After lunch we showed Jim, Dennis and Bruce around the rest of the park. We also had a look at a spot where a bore was drilled that apparently hit a cavity. There was no limestone on the surface there, and if there was a cavity, it could have been very deep. We decided it wasn't worth spending too much time there.

Not a lot to report. The dig is progressing and we're thinking about starting on one of the other dolines as well.

It's a great place to visit, even if you don't want to do any digging.

## Abercrombie

23rd and 24th July 2011

Report by: Jim Crockett

Participants: Jim Crockett

We had not had a trip to Abbas for some time and I had spoken to members of BMSC recently and they were interested in joining us on a trip. I scheduled the trip and advertised it to them and also to MSS members and there was some early interest. But 2 weeks before the trip I was to find out from members of BMSC that they did not know about the trip. There was also a meeting scheduled at Wombeyan between the manager and cavers the same weekend so things were looking a bit short of numbers but I had decided I was going to go no matter what.

As it turned out I was the only person who turned up at Abbas although Ken did advise he was coming but never showed.

But as they say the show must go on and the only task I could really do on my own was to do some Geotagging and touring in the arch.

The data from this will be used in a project to update the Karst index and later versions of same. Over the weekend I Geotagged over 20 caves and features and it was really a good opportunity to have a good look at some of the karst area which I had never visited before. I was also able to have a good chat with Barry Cubitt and find out the local going ons.

A bit disappointing but the weekend was not a complete waste of time to renew my knowledge of the Abercrombie caves area.



## Cliefden

30th and 31st July 2011

Report by: Jim Crockett

Participants: Jim Crockett, Rod Smith

We have not had a trip to Cliefden caves for more than 15 years mainly due to the fact that this area is controlled by Orange Spelological Society and they have strict requirements that the trip leader must have completed specific training for the Cliefden area. We did previously have a number of MSS members that were qualified but they are no longer active cavers.

After requests to Denis Marsh of OSS were were offered 2 or 3 spots on this training weekend hosted by OSS.

They ended up getting 6 participants for the weekend. Rod and myself from MSS, 2 from NUCC, 1 from CASM and 1 from Hills. We had 2 trainers from OSS, Denis and Bruce.

Rod and myself had a late arrival friday night after battling the Sydney traffic and upon arrival at the Cliefden Hut introduced ourselves before we all soon retired for bed.

After breakfast we had a short briefing before we were on our way to the caves right on time at 9am. We were divided into 2 groups of 3 plus instructor with 2 vehicles kindly supplied by Denis and Bruce.

The plan was to show us as much as possible of the Cliefden caves over the weekend. Some of this involved just showing us the locations of the entrances or locality of the cave but also taking us into some of the more well known caves to equip us with as much knowledge as possible. One of the main aspects was to teach us specific cave conservation and route finding of these caves, and also to point out fun parts of the caves to explore.

The first day we were shown the location of entrances or locality of the following caves, Transmission, Island, Stable/Shepherds/Anticline, Tidalick, Lock, Casuarina and Taplow Maze. The following caves we entered and we were shown the way through and made aware of the various features of the cave, Gable, Swansong, Yarrawigah and Murder.

That night we were again given briefings incorporating all aspects of trips to Clifden from obtaining permits to submitting trip reports and everything in between including use of the hut. On the sunday again we had another 9am start and were shown the entrances to Tet Anus, Rubbish pit and Childrens cave as well as the location of the hot spring. We entered both Malongulli and Main caves and were shown the routes through both caves as well as made aware of the delicate areas of both caves.

So the end result of the weekend is that MSS now has 2 leaders qualified to lead trips to Cliefden. I would envisage that we might schedule 1 or 2 trips per year to this area.

In summary I would say that Cliefden caves are well worth visiting, great caves, great hut, watch this space for an upcoming trip.

## News from the Underground

News from the underground aims to provide snippets of what has been happening around the world, primarily in the areas of caving and canyoning, climbing, mountaineering...



Orda Cave, photo by Victor Lyagushkin. [More photos here.](#)

Russian divers exploring Orda Cave have returned with some beautiful photographs of what is believed to be one of the biggest underwater gypsum 'crystal' caves in the world. The submerged galleries of this cave stretch for five kilometres at temperatures of  $-3^{\circ}\text{C}$ , which makes photography difficult. The Orda Cave is located in Perm region of the Urals, Russia, near Orda village.

A Dutch tourist who went missing while walking in the mountains in Southern Spain has been rescued after spending 18 days trapped in a hole. Mary Anne Goossens, 48, fell into a hole among some boulders near the Chillar River, and was found by some mountaineers on July 7th. They were unable to get her out, and left her food and clothing before going for help. She had taken some food with her on her walk and survived by drinking water from a nearby spring. Source: [SMH](#).

A man was attacked and killed by a female grizzly bear in Yellowstone National Park on July 8th. The man was hiking with his wife when they encountered the bear and her cubs, whereupon the grizzly attacked the man and fatally mauled him. Other hikers heard cries for help from the victim's wife and phoned for help. While no one had been killed by a grizzly bear inside the park since 1986, a man was killed and two others injured in an attack just outside the park last year. Park officials have responded by closing the trail where the attack took place. Report from [SMH](#).

Searchers are scaling back their attempts to find a canoeist who went missing on Sunday July 10th in Lake Hume, near Wodonga. Corporal Gavin Fisher was kayaking with two other people when the weather deteriorated. Sonar was brought in to try to locate his body, but to no avail. There are strong currents in the lake and it is likely his body has been swept away from the area.

Report from [Bordermail.com.au](http://Bordermail.com.au).



Photo by abc.net.au

Three near drownings within a month have closed a popular swimming area on the Fremont River in Capitol Reef National Park, Wayne County USA. A 6 year-old boy, a 12 year-old girl and a 32 year-old man were all sucked under the waterfall in two separate incidents, the 32 year-old almost drowning while trying to rescue the girl on July 15th. Apparently, erosion has deepened the channel, narrowing the area over which the small, 12ft waterfall plunges, increasing its velocity into the 9 foot deep pool below. Story from the [Salt Lake Tribune](http://Salt Lake Tribune).

After last month's spate of accidents, another fall in Queensland resulted in a 30 year-old man being taken to hospital in a critical condition. The man was climbing with two friends on the eastern face of Mount Tibrogargan when he slipped and fell 80m down a steep slope. He suffered head injuries and an elbow injury and required surgery after falling unconscious when paramedics reached him. Story from [ABC News](http://ABC News). A brief discussion on the [gurank climbing forum](http://gurank climbing forum) suggests the climb was the "Caves Route" and questions whether the fall could have been 80m.



In early June, three British climbers completed the second ascent of the south face of Huarancayo Sur (5200m) in the Cordillera Oriental range in Peru. Dan Fitzgerald, James Wake and Matt Balmer enjoyed some fine ice climbing to reach the summit, but due to the length of the climb were forced to spend an unplanned night in a hole hurriedly scooped in the snow about 50m below the summit. They later attempted the south face of Huaguruncho Chico (5400m) but were forced back by bad weather. That face remains unclimbed. Report from [UKC News](http://UKC News) and [The Alpinist](http://The Alpinist).

Left: Sunrise from the south face of Huaguruncho Chico, photo by Matt Balmer.



Three people - who were swept 317 feet to their deaths over Vernal Falls in Yosemite National Park on July 18th - ignored posted warning signs and the warnings of other tourists at the top of the falls to step around the safety fence and enter the water. They went to take photos while standing on rocks less than 10m from the edge of the raging waterfall. The three, a woman and two men from a church group hiking the Mist Trail, were all in their twenties. The 21 year-old woman slipped first and her two friends went in to try to save her, only to be swept from their feet also. Report from [SMH](#), more information from [Hawksbillcabin.blogspot](#).



Vernal Falls in Yosemite National Park, July 18 2011, video still from [MSN Nightly News](#).

Following these three deaths in Yosemite National Park came another at the very end of July when a young woman slipped from the cables while descending Half-Dome during a thunderstorm. She fell 600 feet. It is also possible that she was struck or indirectly shocked by lightning, which may have caused the fall. The weather change was apparently quite sudden. Report from the [US NPS](#).

With the death of 26 year-old Hayley LaFlamme on Half-Dome, Yosemite National Park chalked up 14 deaths for the year so far, making it the deadliest in recent memory. The park usually sees 12 to 15 deaths by the end of the year, but 2011 has begun particularly badly. Melting of the winter's heavy snowpack may have contributed to some of the deaths involving water, as two hikers drowned in the Hetch Hetchy Reservoir in June and a hiker slipped from the Mist Trail and drowned in the Merced River in May. Report from [LA Times](#).

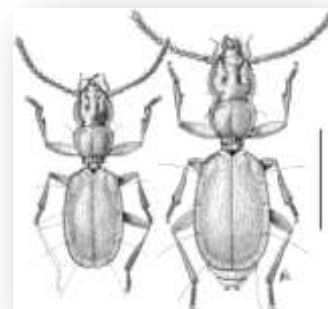
A paraglider has been missing since July 1st after a flight in Peru. Xavier Murillo, an experienced pilot from France, took off in the area of Caraz and has not been seen since. Bad weather conditions have hampered the search since then. Report from [the Alpinist](#).

[Espeleobloc](#) reports on the discovery by cave divers of a pre-hispanic mortuary in a new cenote near El Castillo, at Chichen Itza in the Yucatan. The bones of about 20 individuals were found at a depth of 50m, along with pottery and animal bones, and were probably placed there during periods of drought in the 9th and 10th centuries. Drivers also found hand stencils printed on the walls of the cave that are now well and truly submerged. News item from [caverinfo.com](#)



If you're quick you might still get there - the First International Meeting of the Photographers of the Underworld is to be held in France at Olargues, from 14th to 20th August 2011. The best photographs (in 2D and 3D) taken during the week are to be shown at the conclusion of the meeting. The information page (effectively containing the above text in several different languages) can be found at La Salle International Team Photo 3D's [news page](#).

A completely blind beetle, measuring a whopping 1.8 to 2mm long, has been discovered in two caves in the Rhodopi Mountains in Bulgaria. The *Paralovricia beroni* turned out to be a new genus and species, and for a long while it was not known exactly where it sat, taxonomically speaking. Further research and study of the most closely related beetles has brought about the reclassification of these insects and sheds light on the paleogeographic history of the Balkans going back to the Oligocene. Story and image (the scale bar is 1 mm) from [ScienceDaily.com](#).



A climber with little technical experience has been killed after taking a fall in the Grand Teton National Park in the U.S. while trying to scale the Grand Teton. He left camp at 2am on Sunday July 31st with the intention of making a solo climb and the alarm was raised when he failed to return by late Sunday evening. Search and rescue located the body of the 45 year-old man in Valhalla Canyon; it appears he had fallen roughly 2,500 feet. Report from [National Parks Traveller](#).

A report from Rangers posted on the US Yahoo Canyons forum gives details of several rescues in Zion National Park in mid July. In the first incident on July 16, a 20 year-old man fractured his lower leg after taking a fall going in to Mystery Canyon. With the assistance of rangers, he was able to limp his way to the park helicopter. Meanwhile, a 37 year-old man was rescued by litter and pack raft from the Narrows after injuring his knees and lower legs. In another more serious incident, two canyioners got into trouble in Imlay Canyon – one breaking a leg when a log anchor failed on a short abseil, which resulted in the group spending the night in the canyon. The next morning, on the way to get help, the second-to-last member on the final abseil rigged her descender to the wrong side of the biner block and fell the entire 140 feet of the overhang. Remarkably she sustained nothing more serious than a shattered ankle and it is thought that the friction of the rope bunching through the anchor slowed her enough to save her life. Finally, on

the 19 of July, rangers rescued two climbers from the Northeast Buttress after one took a fall and they found themselves unable to retreat. A ranger was lowered 700 feet and then he and the two climbers were lowered the further 600 feet to the ground.

In very sad Alpine news, Iranian climber and caver Leila Esfandyari fell to her death while descending to C3 on Gasherbrum II on July 22nd, following her summit earlier in the day. Leila was known as an accomplished caver and alpinist, and in 2008 she became Iran's first female mountaineering leader. Report from [Explorer'sWeb](#). A microbiologist, she had been forced to sell her house and give up her job in order to continue climbing. She had previously summited Nanga Parbat, and had been to camp 3 on K2. Source: [Wikipedia](#).



L to R: Gasherbrum II, I and II as seen from Broad Peak. Photo by Jamie McGuinness from [Project Himalaya](#)

Meanwhile, other 8000m peaks have seen a large number of summits so far this season with lists available for the [Karakoram](#) (Broad Peak, Gasherbrum I and II) and some 'firsts' (including the first Mauritius Islands climber and the first Mongolian lady climber to summit Everest) for the [Himalaya](#).



## Upcoming Events

WEEKEND 13th August CAMP CAVE CREEK

Trip Leader: Rod Smith, 0438 444 262, [roderick\\_smith@hotmail.com](mailto:roderick_smith@hotmail.com)

Contact by: 10th August

What's involved?

A drive out onto Kings Tableland to descend this dryish canyon. Some serious bush-bashing near the end. It's fun!

You will need:

Spray jacket for the waterfalls. Abseiling gear for the waterfalls. Camera for the waterfalls.

WEEKEND 27th August DAVIDS CREVASSE

Trip Leader: Jim Crockett, 0407 284 256, [jim.crockett@reach.com](mailto:jim.crockett@reach.com)

Contact by: 24th July

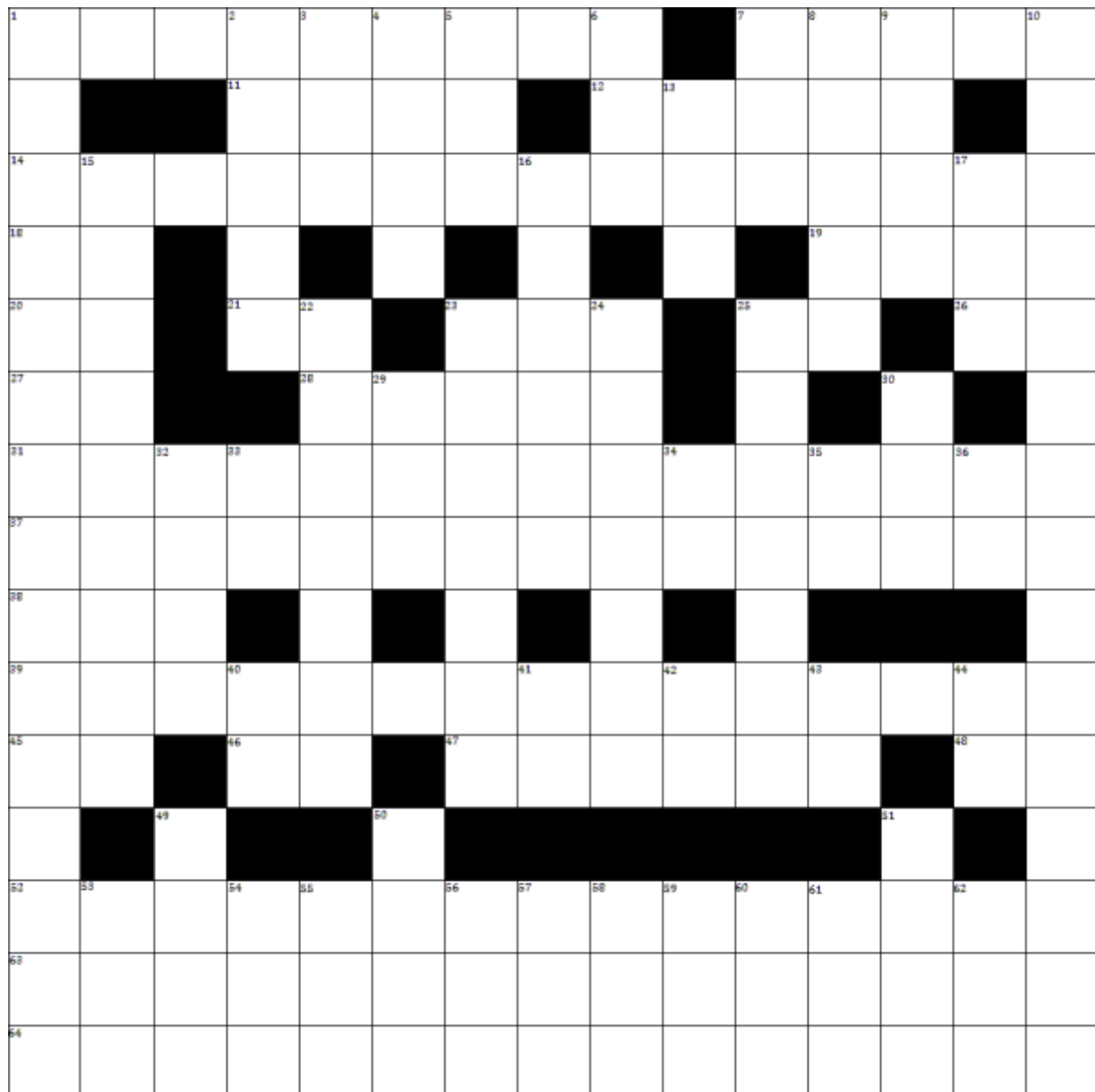
What's involved?

4 abseils, thick scrub and a long car shuffle.

You will need:

Canyoning gear.

## Crossword



### Across

1. A sedimentary rock consisting mainly of calcium carbonate
7. Terrain with special characteristics usually associated with caves
11. Nearly
12. Greasewood
14. 4RN2
18. Yahoo Messenger
19. To give forth or release

20. Sodium
21. Americium
23. Wrath
25. Venereal Disease
26. Phenyl
27. XenoGears
28. A similar membrane of insects and other invertebrates
31. J36
37. 7F69
38. One eighth of a byte

39. YE1
45. Initials of individual responsible for this crossword
46. Not down
47. A fuel type
48. Director General
52. 5K34
63. 4MP48
64. 4BK1015, 4BK1016, 4BK1017

### Down

1. 4J10
2. Colonic irrigation
3. A male title
4. Targets (abbreviation)
5. An exclamation expressing surprise, exultation or derision
6. Engineering Change Proposal
7. Car in Night Rider
8. Hurt
9. Space
10. 4CH243
13. Not cold
15. Collections of mental images
16. A granular igneous rock consisting of calcic plagioclase feldspars and orthorhombic pyroxenes

17. Edge
22. Femme fatale
23. Replacement
24. Pendulous lower part of external auditory organ
25. Moving lightly and quickly (music)
29. Cow Noise
30. Sheep Noise
32. Is appropriate
33. Tool Shed
34. Illegal Immigrants
35. Cubic Centimetre
36. Vice Versa
40. Sulfonylurea
41. Hello
42. Arsenic
43. Chlorine
44. Various Dates
49. To be in debt to
50. A young salmon

51. A meson with strangeness +1
53. Evans Hardy + Young
54. Yoshida Buckling Test
55. Each And Every
56. Remote Monitoring Interface
57. A baglike structure in an animal containing fluid
58. Defense Intelligence Agency
59. Anti-Defamation League
60. Youth Support Scheme
61. The twenty second letter of the Greek alphabet
62. Volume License Key

Last month's solution:

A C Q U A I N T A N C E S H I P  
C O U N T E R Q U E S T I O N S  
C U I S H ■ ■ ■ T O ■ C A T T Y  
O N E T I M E ■ O N E ■ L ■ E C  
U T T E R A N C E ■ ■ H I ■ R H  
N E ■ R S I ■ A R C T I C ■ C O  
T R A I T S ■ T O R U S ■ C O P  
A S ■ L ■ O Y S T E R ■ ■ D N A  
B T ■ I N N ■ ■ I N F R A ■ T T  
I A ■ Z ■ E T ■ C E ■ U S ■ I H  
L T ■ E N T R A I L S ■ P ■ N I  
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E N D O C R I N O L O G I C A L  
S T E R E O S C O P I C A L L Y



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## ***Trip Calendar***

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13th August  
Canyoning

Camp Cave Creek  
Trip Leader: Rod Smith  
Contact: 0438 444 262, [roderick\\_smith@hotmail.com](mailto:roderick_smith@hotmail.com)  
By: 10th August  
Grade: Medium

Thursday 25 August  
**MSS MEETING**

Quarterly MSS Meeting  
To be held at: Chris Johnstone's place  
Contact: 0401 988 096, [chris\\_johnstone@hotmail.com](mailto:chris_johnstone@hotmail.com)

27 August  
Canyoning

Davids Crevasse  
Trip Leader: Jim Crockett  
Contact: 0407 284 256, [jim.crockett@reach.com](mailto:jim.crockett@reach.com)  
By: 24th August  
Grade: Medium/Hard

Weekend 10th-11th September  
Caving  
**Permit Approved!**

Colong – Joint trip with CASM  
Trip Leader: Rod Smith  
Contact: 0438 444 262, [roderick\\_smith@hotmail.com](mailto:roderick_smith@hotmail.com)  
By: weekend before  
Grade: Hard

Weekend 24th-25th September  
Caving

Jenolan  
Trip Leader: Rod Smith  
Contact: 0438 444 262, [roderick\\_smith@hotmail.com](mailto:roderick_smith@hotmail.com)  
By: weekend before  
Grade: Hard

Weekend 1st-3rd October  
(long weekend)  
Caving

TBA  
Trip Leader:  
Contact:  
By: 26th September  
Grade:

Weekend 22nd-23rd October  
Caving

Capertee National Park and Coco Creek Cave  
Trip Leader: Rod Smith  
Contact: 0438 444 262, [roderick\\_smith@hotmail.com](mailto:roderick_smith@hotmail.com)  
By: 19th October  
Grade: Easy

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Sunday 13th November  
Field Day

Lower Blue Montains  
Trip Leader: Beth Little  
Contact: 0450 226 811, [littlebeth78@hotmail.com](mailto:littlebeth78@hotmail.com)  
By: 7th July  
Grade: Instructional

November or December 2011  
Caving

Tasmania  
See the appendix for more details  
Trip Leader: Danielle Lewin  
Contact: 0404 305 878, [danielle.lewin1@three.com.au](mailto:danielle.lewin1@three.com.au)  
By: TBA  
Grade: Easy-Hard (depending on the caves you do)

2012  
Hiking/Tramping

New Zealand  
Heaphy track – 78kms over 5 days  
More details at:  
<http://www.doc.govt.nz/parks-and-recreation/tracks-and-walks/nelson-tasman/golden-bay/heaphy-track/>  
Expressions of interest at this stage  
Contact Johan Verhagen on: 02 4758 9811,  
[johan.verhagen@sydneywater.com.au](mailto:johan.verhagen@sydneywater.com.au)

2012  
Caving

Sri Lanka  
Expressions of interest at this stage  
Contact Jim Crockett on: 0407 284 256, [jim.crockett@reach.com](mailto:jim.crockett@reach.com)

2012  
Caving

Buchan  
Expressions of interest at this stage  
Contact rod Smith on: 0438 444 262, [roderick\\_smith@hotmail.com](mailto:roderick_smith@hotmail.com)

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## Appendix 1 – Proposed Tasmania Trip Schedule

### Tasmania Caving Trip

Proposed dates:

21 Nov - 2 Dec 2011

Sail to Tas: 19 - 20 November 2011

4 berth (\$140 per person), Car (\$79) each way.

Arrive Davenport - drive 5 hours to Ida Bay 280km + 2hrs from hobart to Ida bay.

Begin Caving trip In Ida Bay (Hastings Caves)

20 Nov - Settle in Day Ida Bay

Accommodation- Ida Bay Railway Carriages (\$30 single, \$60 couple, \$ 5 extra people ... use of communal cabin.)

#### **21 Nov** Ida Bay

Midnight Hole IB:11 to Mystery Creek Cave IB:10 (through to Exit Cave)

Time 4hours

- vertical cave - good beginners abseil cave - relaxing vertical cave for experienced.

#### **22 Nov** Ida Bay - Mini Martin IB:8 to Exit Cave IB:14

Time 5hrs - plus time to explore

- vertical cave - ascent and descent cave work required

- considerable bush walk in (7km - with steep parts).

#### **23 Nov** Ida Bay - Maydeena (drive / rest day)

Accommodation at Madena (checking out Junee homestead or Maydena youth hostel.)

Mt Field Park Government Cabins

6 bunks per cabin (mattress, cold water and toilet block. Fire wood etc provided. no electricity.)

Fuel stove required \$45 per cabin

#### **24 Nov** Junee - Florentine Cave area

Cave: Three Forty One JF:341

-limited vertical however visit for the formations in lower chambers.

-Time: 5 hours.

#### **25 Nov** JF Caving area

Cave: Satan's Liar JF:365

-time 5 hours

-Sporting cave; spectacular formations and absence of mud

-some vertical and climbing.

#### **26 Nov** JF Caving area - Rest day

#### **27 Nov** JF Caving Area

Cave: Serendipity JF : 344

-Sporty cave - 12 hours



- vertical / horizontal caving; endurance required.

**28 Nov** JF Caving Area to Mole Creek Karst Area

Rest / driving day

Accommodation:

camping unpowered: \$15 per one person / \$25 for 2 people

Cabin - one only beds up to nine people?

\$75 for 2 people / \$20 per couple / bed more.

**29 Nov** Mole Creek Karst Area

Kubla Khan Cave MC:1

Time: 7 hours

- some vertical ..... predominant decorations and photography

**30 Nov** Mole Creek Karst Area

Caves: Croesus Cave MC:13

(horizontal, decorations)

Time 1 - 2 hours

Cave: Wet Cave (3 hours) MC:203

Good for beginners/ easy caving good decorations

**1st Dec** - travel to Davenport spare day

Catch Spirit of Tasmania 1930hrs .... or holiday / rest.

**Key Costs:**

Travel down to Tas. (dependant on mode; Spirit of Tas vehicle is \$79-\$96)

Accommodation:

Ida Bay (\$30 - \$40 per person/ per night)

June - Florentine (\$45 per night between 6 people = \$8 per person per night)

Mole Creek - (\$15 - 35 per person / per night)

Food / Fuel

National Park Entrance Fees