

Volume 18 Number 1

May 1978

BULLETIN *of the*

Sydney

University

Speleological



Society

Celebrating our 30th ANNIVERSARY !

EDITORIAL (+ Editor Report)

Let's see now - not a bad year - not bad at all. Most of the work done by the society members and very little by the Editor - that's what I like to see. The quality of the contributions to the SUSS Bulletin has been very good, I only hope all you readers have time to read every word of every issue, unlike me. I found myself reading parts of bulletins from last year because I had not read them at the time. I even had trouble finding a complete set of Volume 17 SUSS Bull. at work & home! No doubt you keen members out there will have all your bulletins neatly bound on the bookshelf at home. After several years caving my collection of SUSS Bull. is far from complete, yet I am constantly turning back through those old issues & they are history in themselves. All those cavers who were the heavies in SUSS when I joined- gone. What great trips they had then; lots of new discoveries, drunken campfires (and cavers), no such thing as SRT, just ladders ladders & ladders (sometimes manilla)! Not even a Mammoth Book! - ah, those were the days.

What of the future ? Not very much - perhaps the discovery of the Woolly Rhinoceros, or the Hairy Diprotodon, or even the Southern Limestone Master Cave. We might even struggle into a book or two on Wiburds Lake Cave, Southern Limestone, the odd film or two etc etc - not much really, if YOU ARE A SLUG AND DON'T PARTICIPATE !

This year I have decided to award some people the distinction of having their contribution to the SUSS Bulletin listed as BEST in one of but a few categories. I genuinely believe them to be the best. This does not mean that those contributions that were not chosen were not good - on the contrary I had listed a category "Most Boring" and found that I could not fill it.

My thanks must go to those who have helped with the typing, printing, collating & posting of the Bulletin during the year. Especially Guy Cox, Peter Campbell, Paul Greenfield, Peter Winglee, Lizette Henness, (these are the people whom I hope will help this year if I thank them here- sneaky eh?)

AWARDS for VOLUME 17

Overall Best	Peter Campbell for his SRT Series. Excellent!
Most Humorous	G. Innes for "The Cave-tel Wonder Bracket. SUSS Bull.17(3):63-64
Most Heavy	Geoff Francis for : "Some Cold Wet Geologising at Bungonia" SUSS Bull.17(3):58

PRESIDENT'S REPORT

Guy Cox

A quiet year for SUSS, with no major new projects or discoveries. Intake of new members was small - 1978 has already been a welcome contrast in that respect. Nevertheless, it has not been an unsuccessful year by any standards.

The big event for many people was the International Speleological Congress, held in England last September. In the end Graeme Smith, John Dunkley, Peter Campbell and I represented SUSS, though Peter only attended the BCRA conference which preceded the Congress. Many other Ozspeleos were also to be found in the Congress bar. The Congress also provided the impetus for the first ever SUSS expedition to Northern Spain, in August. A larger number of members crossed the Tasman to New Zealand, where they did many things, some unmentionable, the most important being a major extension to Greenlink, New Zealand's deepest cave.

An equally important activity was the preparation of a submission - "Conservation, Karst & Caves" - to the Land Conservation Study Group. This was prepared by an ad-hoc subcommittee in the short space of a fortnight last December. Since no other speleological bodies gave submissions, it was well worth the effort, and should ensure that speleological interests are taken into account by the Study Group (a State Government body set up primarily to decide how Crown lands should be administered and used).

Prospects for the coming year are promising. We have a large number of new members, and already a big cave-cleaning project has been successfully accomplished at Jenolan. Many members are preparing for Atea 78, the big Australian speleological expedition to New Guinea this winter. My successor should have an interesting year.

1977 EQUIPMENT OFFICERS REPORT

Randall King.

Well, dear friends, another year has passed with equipment cluttering up my house since Malcolm Handel passed off the job to me. It is now my turn to do the same favour to Peter Winglee, whilst I move on to new pastures on the committee. Yes, equipment does exist. Since the SUSS policy of subsidising trip leaders personal equipment on the condition of loan to the Society on trips, little equipment has been bought. However, we are the proud owners of:

- I well stocked first aid kit in portable fibreglass tube.
- I old manilla rope, infinite length.
- I Forestry Compass & Tripod.
- I Theodolite & Tripod.
- 2x20m, 2x10m ladders.
- I IImmx41m long nylon rope with sheath.
- I IImmx42m long nylon rope with sheath.

This equipment is available for loan on authorised SUSS trips or for hire.

SYDNEY UNIVERSITY SPELEOLOGICAL SOCIETY

Financial Statement 1.3.77 to 28.2.78

RECEIPTS

		\$	\$	\$
Balance brought down 1.3.77				81.58
Membership:	Full	149.00		
	Associate	18.00		
	Family	27.00		
	Corresponding	7.00		
	Prospective	85.00	268.00	
Sale of stock:	Badges, cards	3.50		
	Publications	26.60		
	Wine, photos	26.57	56.67	
Miscellaneous:	Cheques lost	24.33		
	Interest on A/c 901-001	7.52	31.85	
Total receipts 1977/78				374.52
Total turnover				456.10

PAYMENTS

Administrative			11.89	
Bulletin:	Materials	148.31		
	Postage	48.68	196.99	
ASF subscriptions			108.00	
SUSS Library purchases			17.25	
Miscellaneous:	Loss on annual dinner	6.15		
	Hire Orientation Week stall	25.37		
	Hire Moore Park (football)	11.00	42.52	
Total payments 1977/78				376.65
Balance carried down 28.2.78				79.45
Total turnover				456.10

IAN CARPENTER EQUIPMENT FUND

	\$			\$
Balance 1.3.77	30.02	Less	Equipment	77.00
			Rope Subsidy	20.00
Trip fees	18.70			97.00
Miscellaneous	101.42			
	150.14			
			Balance 28.2.78	\$53.14

K.L. Handel 2/4/78
Hon. Treasurer.

I have examined the books and vouchers of the Society for the period of the twelve months ended February 28th 1978. Having regard to the explanation given, I am of the opinion that the statement is a correct record of the Society's transactions as contained in the books.

G. J. Foo. A.A.S.A.

9/13 Ocean Street, Woollahra.
Dated 2nd April, 1978.

[Signature]

COMMITTEE MEMBERS

PRESIDENT

Malcolm Handel, 65 Links Ave., Concord. 73-2028

VICE-PRESIDENT

Guy Cox, 180 Short Street, Balmain. 692-3176 (w)

CORRESPONDENCE SECRETARY

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Peter Winglee, 73 First Ave, Five Dock. 713-9182 (h) 230-0277 x373(w)

SAFETY OFFICER

Geoff Innes, 4 Warburton St., Gympie. 525-4871

JIM SEABROOK MEMORIAL COMMITTEE MEMBER

Peter Campbell, 5 Marion St., Strathfield. 76-8855

COMMITTEE MEMBERS

Graeme Smith, 37 Vista St., Caringbah. 524-6447

Tony Austin, 165 Anzac Parade, Kensington.

All the above are trip leaders - if you want to go on a caving trip and there isn't one listed, a few phone calls will often arrange one !



HAVE YOU BOUGHT YOUR COPY OF THE JENOLAN BOOK ?

THE CAVES OF JENOLAN 2: THE NORTHERN LIMESTONE

Bruce R. Welch, Editor

Sydney University Speleological Society; Box 35, The Union, University of Sydney 2006, Australia. 137 pages, photographs, maps, price unknown.

I have always been impressed with the thoroughness of the Australian speleology effort, and it is nice to know that nothing has changed. This report deals with 186 "caves" (262 entrances) which occur in a 4km long outcrop of limestone bluffs along the Jenolan River (SE Australia?). I put quotes around caves because their definition is somewhat more liberal than ours. They have actually tagged and mapped caves as short as 1.5m! Other tags have been placed at likely looking depressions, etc. No matter, the longer caves are covered as well, and the report is strengthened by good sections on history and geology. Overall, this is a high quality publication

which has been carefully organized and edited. If fault must be found, I would criticize the maps. None of the maps contain a north reference. Prefacing remarks indicate that all the maps have been oriented so that true north is upward and that reproduction ratios of 1:100 and 1:200 have been chosen for most of the maps. These ratios appear on each map. You are left to your own conjecture as to what use may be made of these maps once they are separated from the text. In addition, no notation is made for depth below entrance, nor could I find a symbol for that data in the map legend. No use is made of the symbol which IS listed for passage height, and a rather bizarre symbol is used for stalactite and column. Regrettably, the BIG cave for this report (3510m) is included only as a silhouette map, although, if I read between the lines correctly, it has been published in a previous report. The runner-up (445m) is printed at the 1:200 scale and is thus forced to appear on three separate pages; the profiles on yet a fourth.

The photography is adequate, with one stunning entrance view.

Carl E. Kunath
NSS 6230F

From NSS NEWS 13(9) p.188

THE CAVES OF JENOLAN 2 : THE NORTHERN LIMESTONE, edited by Bruce Welch, Sydney University Speleo. Soc. Box 35, The Union, University of Sydney 2006, Australia, 131pp, unpriced.

This is a nicely produced equivalent to Pennine Underground for all the 250 wild caves in the northern part of the Silurian limestone outcrop at Jenolan. (The half dozen show caves are all really parts of the same system and are not covered herein.) Following the Australian system all caves are numbered and a metal tag is fastened to the rock at the entrance. The caves in this book are described largely in numerical order though this fortunately more or less coincides with geographical subdivisions of the limestone outcrop, this half of which is only four kilometres long and rarely more than 300 metres wide. Many of the caves are very small, but little caves can often lead to big ones if pushed hard enough. Surveys are presented of all of them at scales of 1:100, 1:200, or occasionally 1:1000. I would have preferred bar scales on the surveys myself. The largest system, Mammoth Cave, is only presented in outline as it formed the subject of Jenolan Caves No 1 a few years ago. A conservation note is emphasized, but regrettable is the necessity to have written permission from National Park authorities before one can go caving, and this is apparently not easily obtained.

T.D.Ford

From BCRA Bull. No 17 p 32.

from:-

MOUNT ETNA & THE CAVES - A PLAN FOR ACTION -

Elery Hamilton Smith and Randell Champion

(With Apologies to Lewis Carroll)

I thought I saw a mountain peak
Where I could roam in peace.
I looked again and saw it was
Another Mining Lease.

I thought I saw a splendid cave
With stalactites bedecked.
I looked again and saw it was
Completely flat and wrecked.

I thought I saw a roadside sign
"Come See Our Grand Attraction!"
I looked again and saw it was
A Bulldozer in action.

I thought I saw a flock of bats
That were extremely rare.
Alas, it was a scientist
Who wept and tore his hair.

I thought I saw a tourist state
Where happy thousands went.
I looked again and saw it was
Paved wholly with cement.

Judieth Wright

Caving on Takaka Hill - January 1978

Stephen Bunton

11-1-78 Left Nelson by bus and car to camp at the base of Takaka Hill in Motueka Caravan Park.

12-1-78 It took 2 loads in our hire car to get all our gear up to the start of the Harwoods Hole Track. We then walked out to Harwoods and began rigging the rope for the 176m drop. We required 100m of Dave's 12mm Marlow and two 50m Bluewater II's, I can't remember how many traces but we used 5 rope protectors. We spent ages on the surface, mostly taking photos, since it takes 1/2 hr to abseil the drop. Chris didn't have an operational jummar rig so he couldn't join us. The remaining 200m depth of cave through to the Starlight Cave entrance is in no way a let down from the awe inspiring entrance pitch. The cave follows a spectacular streamway complete with stream, gour pools and waterfalls down to one of the most beautiful cave entrances (exits) I have ever seen. Probably the best cave I've been in.

13-1-78 Chris didn't have a jummar rig and thus couldn't do an S.R.T. trip in Greenlink. He didn't believe how horrible reports made it sound. "On ladders it's an easy tourist cave down to the main streamway."

John was dead with the flu.

Judith wasn't confident in bottoming it.

Dale and David would have bottomed it regardless of anything.

I didn't give a rat's arse one way or the other just as long as I didn't die down there. Chris won; it was going to be ladders, we only had three, but by taking a personal S.R.T. rig and 1 short rope for the first pitch we could negotiate 4 pitches in all and get 2/3 of the way down the cave. This we did, most of us wearing only grotties. I did the single rope off the first pitch which I rigged off a rusty piton which Keith said later "is unlikely to hold full bloody weight." Oh well.

We then got out and all laid "Brown -Eyes" on Greenlink, Nelson and N.Z. caves in general. It took us another 2 trips to get down off Takaka Hill and by the time I got back to "The Mot" caravan park in the second load, Chris was organising a S.R.T. assault on Greenlink for next Sunday.

Diving in Greenlink, Sunday 15th Jan. 78.

Present: Keith Dekkers (L), Rob Kay, Bob Renshaw (NSG) Chris Pugsley (ASG) Dave Martin (SSS) Dale Mackenzie, John Minchin (UNSWSS), Stephen Bunton (author).

The logistics decreed we would not rope all the pitches, some we could free climb; Dale knew which ones and Kieth knew all the belays for the others. We all had a rope pack each. Dale and Kieth took the first two rope packs i.e. they had the ropes required first. Half an hour later Chris and Rob followed with the next ropes. Half an hour behind them Dave and Bob followed with the last of the ropes. John and I had packs full of diving gear and we followed half an hour after Bob and Dave.

John and I bottomed the cave in $1\frac{1}{2}$ hrs, meeting up with the rest as they got to the sump. Thus the cave took 3 hrs to rig. Keith was digging the sump and adorned with his battle dress, set forth to challenge the depths.

He returned to tell of the first sump being 3m deep and 9m long, yielding 5 mins more passage before a second sump 4m deep and 8m long. Both he rigged lines through. Beyond the second sump after 10 mins more caving was a horrible drop with the river falling over it to a depth of 30m at least. Oh no. We were very pleased that at least Greenlink goes, but who goes with it? Greenlinks already a well known sporting cave but now with 2 free diveable sumps and a frightening pitch ..." it would take at least another year to get enough mad Aussies over here to explore it" (Keith Dekkers)

We spent a total of 3 hrs at the sump before heading back to the surface. Keith and Dale taking the diving gear with them. Next Dave headed off with the first full rope pack. This procedure of heading for the surface as fast as possible once your rope pack was filled seemed all too difficult for the Pommies to comprehend. John and I who were the last to de-rig kept catching them up; mind you they had the most inefficient prussick rigs. In the end we all surfaced, John and I some 10 hrs after we had left the surface; i.e. it took $5\frac{1}{2}$ hrs to derigg. Keith and Dale had only been on the surface for about $\frac{3}{4}$ hr.

We sat around the surface for $\frac{1}{2}$ hr, packing the car sort-of, with a great sense of well being and Rob Kay informing us that our success was due to the fact that there were no festering N.Z.'s with us.

Footnote: Three weeks later Keith Dekkers testimonial caving trip was mounted into Greenlink with some 30 people in attendance. Four people dived the sump, Rob Kay included. The pitch was 50m. The cave continued for .5km of horizontal passage with a very high roof through two rockpiles to a third rockpile which wasn't pushed for lack of time.

Caving at Waitomo, N.Z. 16-17 December 1977

Stephen Bunton

There are two main clubs active at Waitomo. The Auckland Speleo Group and the Hamilton Tomo Group. Tomo is Maori for shaft or pit as indeed most caves in N.Z. are. Waitomo means water shaft which to me seems like stream sink?

I rocked into Waitomo on Friday afternoon with Chris and Pam Pugsley. Chris is a Pommie expatriate (ex-Sheffields and knows Rob Kay) who is currently doing a PhD on the Glow Worm population in Waitomo's world famous Glow Worm Cave. After dumping our stuff at the ASG hut and cooking dinner we returned in touri clothes and visited the Glow Worm Cave where Chris gave me a guided tour through this unique cave, explaining as he went some of the facets of his work. When we returned to the gate we found Chris had locked us in accidentally and thus we went for yet another boat trip beneath the glow worm grotto upstream and out the stream insurgance entrance to get the keys. Eventually we got back into the cave and out again without needing to use the hot line to the chief guides office.

Next morning Chris and Pam were off on holidays to the South Island. I got dropped off at the HTG hut for the day. It was fascinating to note the difference between the two clubs at Waitomo. Both had huts not hovels, but homes away from home. The ASG were predominantly Auckland Uni people who were Biologists or Geographers doing heavy work. The HTG were local yobbos, fun loving mostly with nothing better to do with their time than go caving. Their hut was the better of the two, it was sponsored by the Youth Hostels Assocn. The YHA explain the peculiar race of people (cavers) who inhabit this hut in a most fascinating way. Excuses! Excuses!

Most YHer's were willing to give caving a go and indeed there was facilities for this. No-one in HTG owned any trog gear most of the trog gear sat in a big box on the verandah, and when it was time to go caving everyone rummaged through the box for "all the good clothes". I ended up wearing a pair of corduroy breeches, 2 jumpers hopping with fleas ("Doesn't matter, when you get muddy, the fleas won't bite through that."), a pair of cotton overalls, 2 different coloured socks both of which you could put on upside down and right side up and two different sized boots; one a 6 and one a 12. I had to bludge a light and helmet; these were personal belongings- I managed to get an electric light, all the others swore by carbides.

So we set off for a miles walk to Urenui Cave. It was pissing down with rain "But this is typical of N.Z.". We got to the cave and the other three had a carbide lighting ceremony. I was shown the entrance and told to lead in "You can't get lost". The entrance was a resurgence with a 9cm airspace, 9cm water and a floor of deformable silt/sand. This lasted for 12m by which time I was frozen and furious. The others came in through a high passage to greet me as I grovelled out. They were amused but not really laughing because the way on was the same again so they got into it and so did I, still frozen.

The cave went on and opened out to become a bridging exercise, climbing up rifts and waterfalls. It reminded me of Coppermine Cave, Yagby. Then up one waterfall pouring 6m down out of a squeeze which had a right angled bend in it which when you push through it you dam the water till it covers your face. If you can't make it through the first time you must retreat or if you get stuck you drown. Oh well! As you emerge from this, standing sweetly in the passage is a "tip-top" ice cream sign which says "Running-Hot".....

The cave continued upstream through passage similar to Dogleg Cave Wee Jasper until it opened out into an aven which resembled Acoustic Pot. The river was falling down this and the spray was such you couldn't see a thing. All the carbide lights went out but the cavers dashed across the floor of the aven and proceeded to climb a piece of fencing wire hanging down the far wall, still without lights. The fact that it had rained so much and we were on the wrong side of those squeezes and most people were without lights freaked me out a little. I was glad that Patricia was also feeling "cold". I was frozen blue. So we exited. Colin and Larry pushed on. Eventually we all met at the entrance and proceeded to play throw one another in the river (and see who gets a headache from the cold first).

We walked back (still raining) to the HTG hut and all had a shower, some tea and then went to the pub. This was my first N.Z. pub and I didn't have a clue what to order, type of beer or sizes of glasses so I said to Larry that I'd have what he was having - "Two Ouzo's, Lemonade and Raspberry thanks."

Caving on Mt. Owen January 1978

Stephen Bunton

This is a brief outline of the 1978 Mt Owen Expedition. By now you will have heard that we didn't find very much, what we did do and find will be published in detail in the NZSS Bulletin. This is only aimed at giving SUSS members a bit of an idea what this trip entailed and what a spectacular caving area Mt Owen is. The famous expedition consisted of :- Dave Martin(SSS) Organizer, John Minchin and Dale Mackenzie (UNSWSS), Judith Bateman (HCG Canberra), Chris Pugsley (ASG) and Stephen Bunton (CKWCCOSS) Christ Knows What Caving Club Or Speleological Society)

29-12-77 I arrived in Nelson at lunchtime to find Chris Dave and Judith had been festering there for one week. They told me that we were going up Mt Owen tomorrow. This meant that preparation was the order of the day but then we got bored and went looking at pottery shops and picked up John

and Dale from the airport on the way home. We bought some pizzas for tea and then got on with our preparations. I was in bed at 11.00pm, the others were still festering.

30-12-78 Next morning John and Dale had to buy food for their lunches on Mt Owen. Chris, Judith and Dave were still festering (if this sounds boring well this is the enthusiastic bit of the expedition). Eventually Chris drove us off to Colossus Hut, Dale and myself and the 6 packs weighing 30kgs each. On the way we had a stack but pushed on regardless. Dale and I waited at Colossus Hut till the other 4 got in at 11.00pm.

31-12-78 Not a good day - it was raining. We donned our packs and began the 6 km walk climbing 1000m to Granity Pass Hut. The weather deteriorated it sleeted and snowed but (from last year's report) it seemed normal. John, Dave and myself did the walk in part for the course time, however, the other 3 didn't even look like turning up and this was after a reconnaissance trip back down the track. Judith, Dale and Chris buried out on top of a snowy mountain for New Year's Eve. Oh well!

1-1-78 John, Dave and I went back to find out that the above was the case and we helped them with their gear back to Gravity. After lunch, John, Dave, Chris and I set out to establish Bush Camp another 2km away.

2-1-78 - 6-1-78 During this period we surveyed some of the finds of last year's expedition e.g. Wheelchair Alley; investigated some obvious holes which weren't looked at last year because they didn't go e.g. Sun Room Tomo; looked for new holes in previously unlooked at areas e.g. Temple Tomo, Lips of Pisa and Castration Crack.

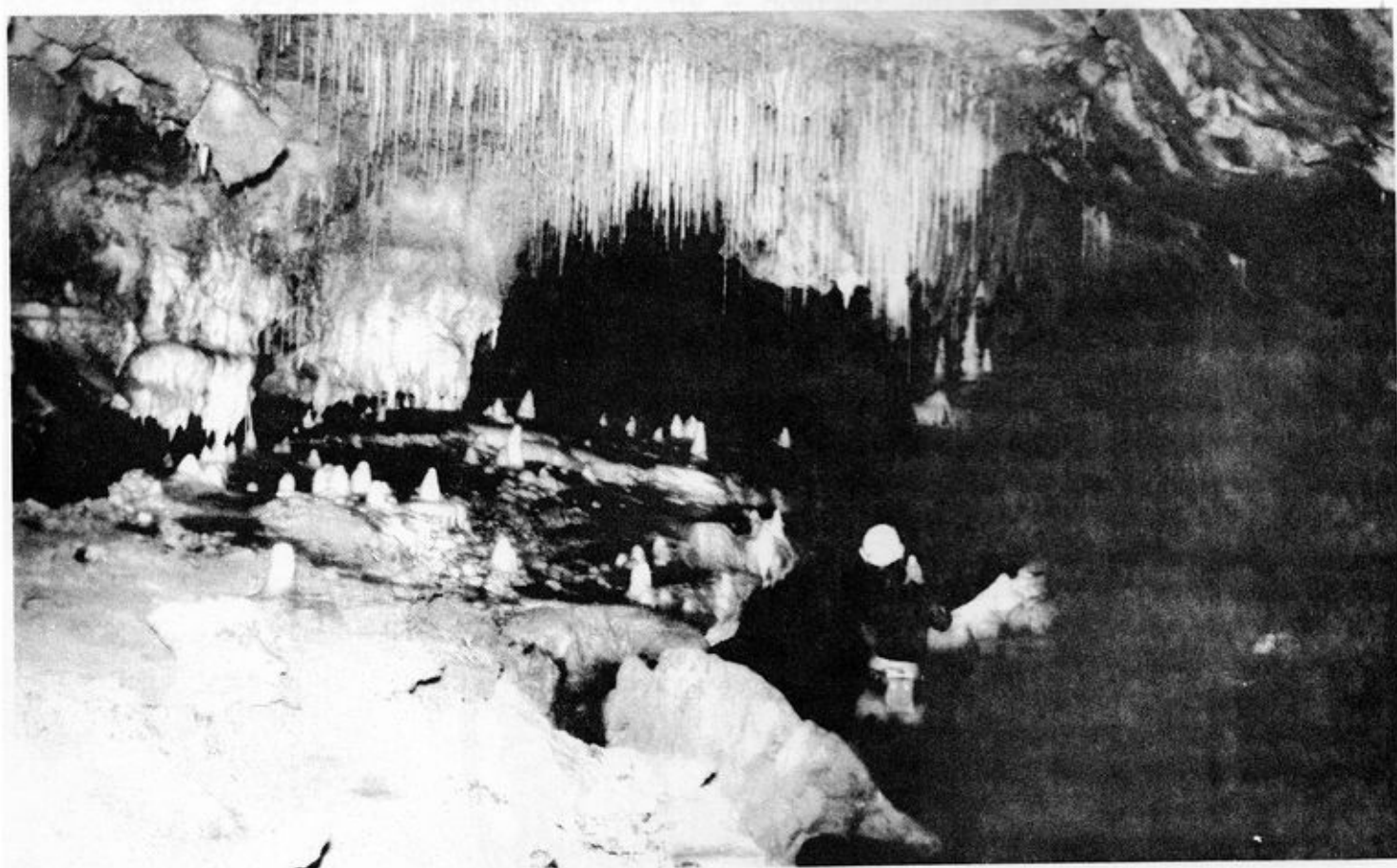
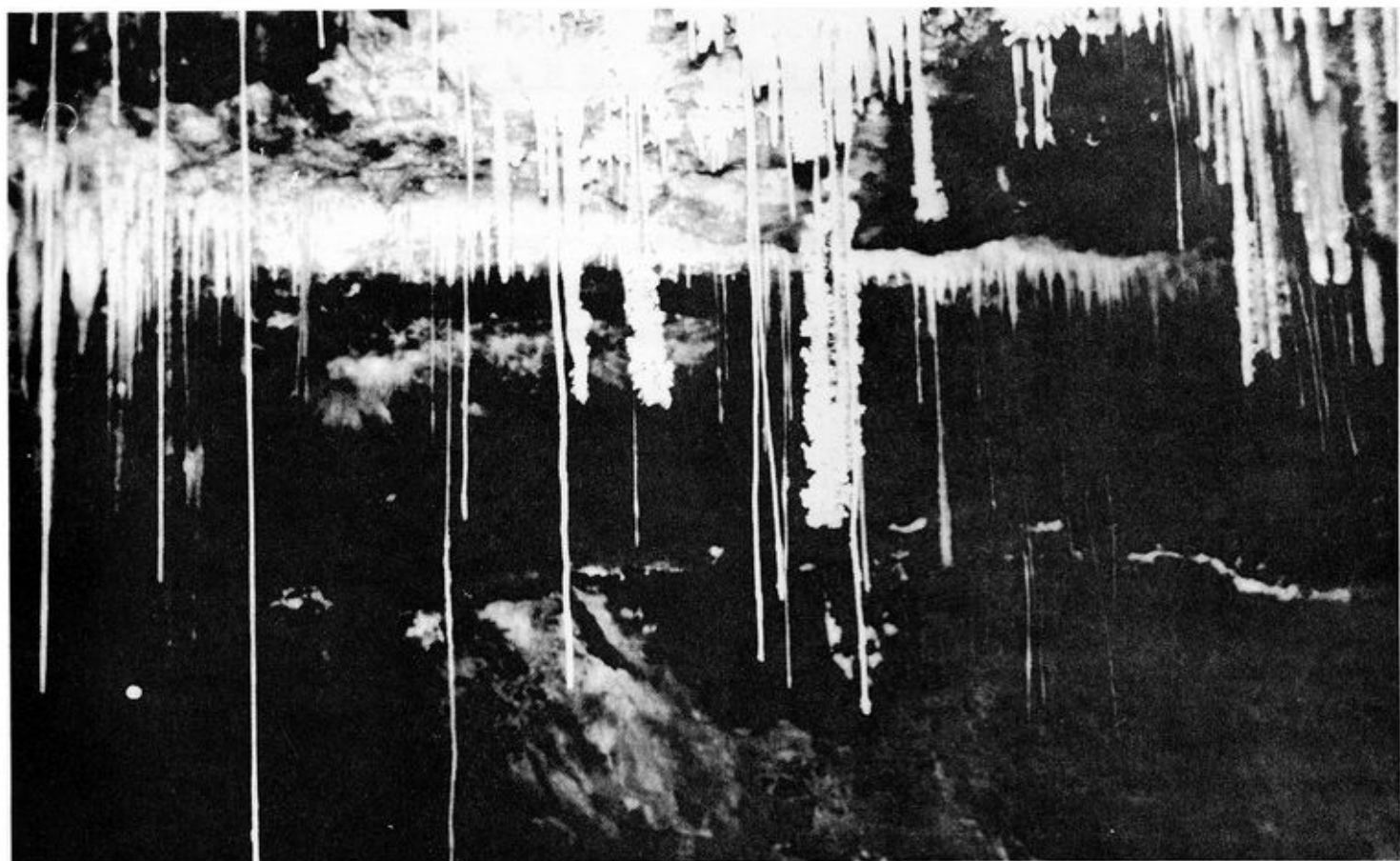
7-1-78 Demolished Bush Camp and evacuated. Judith walked right out to Colossus. Dave led us up to the Ice Cave which we investigated and photographed. We climbed Mt Owen to see the most spectacular views. We returned to Granity Pass Hut. Dave then walked out to Colossus to join Judith and arrange to get a hire car to get us back to Nelson.

8-1-78 It rained again while we were walking back to Colossus. We festered in Colossus for 3 hrs to give Judith and Dave sufficient time to get a car. We then headed out to walk 13km along the road to Dart River Ford to meet Judith. We were prepared to spend the night at the river but this never eventuated. Once at the river I went skinny dipping (first wash for 15 days) and some old biddy with husband couldn't resist my body. She started talking to us;

"No we're not trampers, we're cavers and we've been up on Mt Owen for 10 days."

"I'll bet you haven't had any fresh bread or good tea for a while."

So we had bread and jam and cuppas. Then this humble biddy and her husband watched in amazement as we crammed 5 people and 4x30kg packs in 1 Honda Civic and headed back to civilization and got high on Dale's duty free Scotch.



TASMANIA - May 1976. Above: Genghis Khan Cave, Mole Creek.
Below: Welcome Stranger Cave, Junee-Florentine.

FUTURE EVENTS

May 16th Speleosports - 9.30am; followed by BBQ in the
Tuesday evening - at Macquarie University.

May 22 SUSS Committee Meeting 7.30pm
Monday

June 1st SUSS Meeting - 7.30pm in the Gladys Marks Room,
Thursday Manning House.

June 24th-25th JENOLAN - contact Peter Winglee 713-9182

July 6th SUSS Meeting - 7.30pm in the Gladys Marks Room,
Thursday Manning House.

July 22-23 Jenolan or Yagby - contact Peter Winglee 713.9182

REMEMBER - If you want to go caving and there isn't a trip listed -
get in touch with a trip leader (listed in this bulletin - see
Committee Members List). They are usually amenable to persuasion.

SPECIAL - SEE THE KUBLA KHAN Movie (by UNSWSS) - go to the
Unswss meeting - Wednesday 5th July in the Wurth Room of
the roadhouse, Uni of N.S.W. - starts 6.30pm.

Their June meeting boasts an expedition report on
the UNSWSS Expedition to Camooweal (Qld).

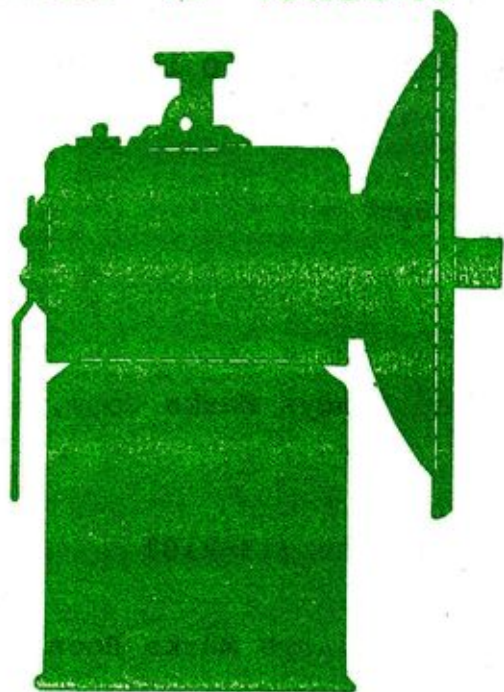


"This will make them think either
that we had a ladder, or else that
the floor subsided."

Lumen in Tenebris

VOLUME 18 NUMBER 1

MAY 1978



Celebrating 30 years

SUSS

**BULLETIN
of the**

**SYDNEY UNIVERSITY
SPELEOLOGICAL SOCIETY**

**BOX 35, THE UNION,
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