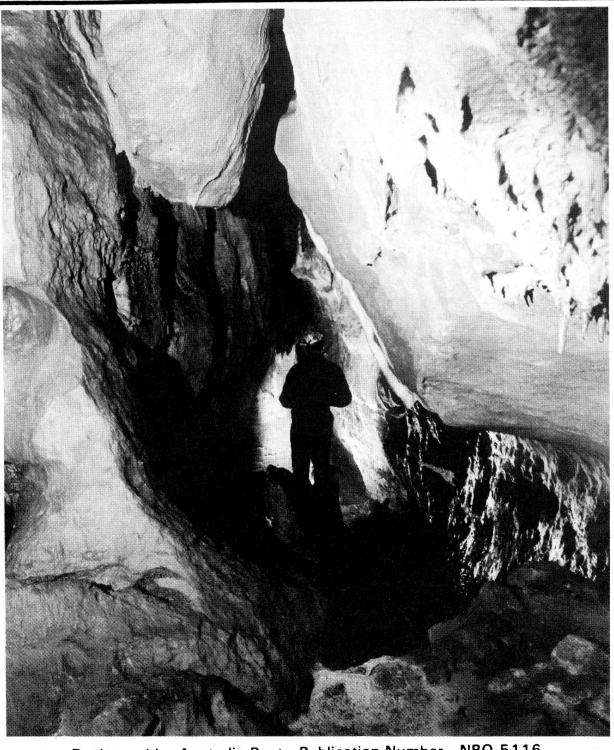
AUSTRALIAN SPELEOLOGICAL QUARTERLY CAVER

No. 126

1991



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AUSTRALIAN SPELEOLOGICAL FEDERATION INC.

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No. 127: end March 1990

No. 128: end June 1991

All articles, reports, photos and reviews are welcome for publication and should be sent to Ian Mann, 28 Stephen Street, LAWSON NSW 2783.

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The opinions expressed in this journal are not necessarily those of the A.S.F. Inc. or the Newsletter Commission.

Cover Photograph: Stream Passage beyond "The Vaults" -Trogdip (EB-10) by P Ackroyd

Editorial:

You may have noticed that issues 125 and 126 of Australian Caver are coming to you in the one posting. This is most unfortunate but due to various reasons (which I won't bore you with) we ran out of envelopes and had to await a fresh supply. In order to save costs it was decided to post the two issues together. Because of this No 125 is a bit late in production and as a result two articles are out of date, namely Cave Leeuwin Update and letter from Northern Caverneers re Kubla Kahn Cave.

The Newsletter Commission apologises for this unfortunate but unavoidable delay in production.

Also in this issue is printed the ASF address list in club order. Please note that this list is up-to-date according to records supplied to us by club secretaries as at 1-12-90. If there are any changes please let us know.

MYSTERY CREEK CAVE ACCIDENT - JULY 2,

1990 by S.Nicholas

Around ipm on the afternoon of July 2, 1990 a party of eight students aged around 14 years, two teachers and one student teacher from Taroona High School (located in southern suburbs of Hobart) entered Mystery Creek Cave at Ida Bay for an excursion. The trip was part of a one week adventure camp based at the Education Department's Esperance Camp near Dover in the south of Tasmania. During the lead-up to the camp, lectures, gear demo's and inspections and so on were organised for the participants by the outdoor education staff at the School. Everyone involved in the cave trip was very well equipped with wet suits, overalls, balaclavas, woollies, helmets and so on. Lighting was mainly by hand torches, with a couple of head lamps of various types in the group. The leader Mark Healey had a standard miner's caplamp.

The weather had been relatively poor during the day or so prior, with very heavy rainfall recorded at Dover and Hastings. On the twenty to thirty minute walk in from the car park, the party met a lone man walking out who indicated that the water was too deep for him and he was not going into the cave - the stream level at the entrance was such that water may get into his gumboots. The school party leaders chatted to the man for a minute or two before the complete group continued to the cave entrance to assess the conditions themselves. Upon reaching the entrance the water was noted to not be up to the level of a small log normally used as a level gauge mark and a decision was made to continue on with the trip. The weather was seen to be clearing with only light drizzle

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having been falling from the time of the party's arrival in the area from Hobart a couple of hours before.

The leader of the party, Mark Healey, took the party into the various lower and upper sections of the cave, including several human-chain type stream crossings while in the main stream; something done for practice and party interest, rather than necessity. At no stage were any members of the party concerned about the conditions - rather it was a fun game. The Midnight Hole / Matchbox Squeeze area was visited towards the end of the trip via the "Broken Column" slab walk. Following this, the party headed down the "Laundry Chute", a steep solution tube leading back down to stream level. At this stage Mark Healey was aware that the water level was up, presumably from the noise, and indicated this to the group. He checked the level and flow conditions with the result that continuing out was seen to pose no problem.

The party proceeded up the left hand side of the stream (facing out) upstream of "The Notch" (about 170 metres from the cave entrance) and to a point at which it was necessary to cross the stream owing to water flow and depth. A static human chain was formed from seven party members closely linking arms and facing upstream, the chain being across the stream and extending almost its full width. Mark Healey was in the centre and at the deepest point. The water was about at his knee level. The remaining four members of the party proceeded to cross the stream by holding onto the waists and clothing of the chain members and shuffling across on the down-stream side of the chain. One member of the group stumbled on the round river bed rocks while about in mid-stream but was quickly steadied and continued over.

One girl stumbled a step or so from completing the crossing and quickly ended up two or three metres downstream against a rock wall and apparently held by the water flow. At this point some of the water flows under the slab to become the waterfall in the top of Cephalopod Creek. Another of the school group went to her aid and kept her head above water. Later examination of this area indicated the water would have been something like a metre deep at this point. The female teacher, a strong swimmer and water sport person, went to the aid of the two students and shortly after, all three were seen to be (inexplicably) floating downstream and out of sight around a right hand (facing downstream) corner in the region of "The Notch".

At this point, or before, Mark Healey broke the human chain, yelling at everyone to get onto dry land. He ran down stream after the group of three but was not able to reach them before they disappeared in a flooded conduit downstream and to the right of "The Notch". He stumbled and fell while doing this, losing a boot in the process. He returned part way upstream yelling at the remaining members of the party to stay on dry land - he was not able to get back to the others owing to the water conditions then prevailing and his immediate concern for the missing three. The people remaining had split into two groups - one of four and one of three. The group of three comprised two students and the student teacher, while the party of four consisted of four students and was positioned on the opposite bank of the stream and in fact closer to the entrance of the cave. Communication between the two was very difficult owing to the water noise, but Danielle Cooper, the student teacher, was able to keep both groups in control. The time would have been about five to 5.30pm.

The group was due back at the Esperance camp about this time and the camp raised the alarm with Police Search and Rescue about 6pm. Inquiries revealed that the cars were still at the parking site. Police S&R called the Tasmanian Caverneering Club S&R coordinator at 7.15pm with a request to provide two competent cavers familiar with the area and able to leave Hobart within about half an hour. This was done and together with three Police S&R members, proceeded to the area, arriving at the car park in fairly heavy rain at around 10.00pm. One local State Emergency Service (SES) volunteer had just returned from the cave entrance, a walk of about 20 minutes, reporting that the stream was able to be crossed at the point at which the track crosses (a few minutes from Mystery Creek Cave) and that various jackets and so on were still at the cave entrance, but there was no sign of any people. The possibility of not being able to cross the flooded stream at this point had been of some concern to the rescue party.

The rescue party proceeded to the cave entrance with enough (dynamic) rope, tapes, slings and hardware to rig Midnight Hole (a 166 metre deep vertical entry to Mystery Creek Cave) should the Mystery Creek entrance be impassible, plus radio communications gear and so on. The Mystery Creek Cave entrance was

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negotiable, albeit not without difficulty, and within about an hour the first party of four had been reached after several ropes had been fixed across the stream at various points. As noted above, this point was about 150 metres in from the cave entrance. Without the fixed ropes, the stream could not have been safely crossed by the cavers/Police, or the school parties brought out. While setting up fixed ropes near the groups, water noise was such that voice communication with the groups was near impossible, despite their being only two or three metres away across the stream. The water flow at the entrance was such that, with or without a rope, doing the crossing was far from easy. It was noted that the water flow appeared to peak about midnight with a further increase in depth of about 150 millimetres about that time in the area of the first party of four.

Over the next four hours, the two main parties were brought out, the second group requiring a rigid aluminium ladder to cross the stream (Himalayan crevasse style) to their position! This was procured and carried in by local SES members. (Without their support the rescue would have been much more difficult and time consuming.) A further rope was fixed running downstream through "The Notch". The rescued parties had both indicated that another person (at least) was further downstream, as Mark had come within earshot of the groups a couple of times during the night, reiterating his request for them to stay put. Beyond this point, Mark Healey was found sitting quietly on a rock, with a couple of candles for warmth. He was brought out after indicating where the other three had gone. A search in the area indicated was not successful owing to the water level still being high, although dropping quickly. The time was about 6am when Mark was walked out to the road.

A number of extra cavers were called to the site and/or volunteered their services following media reports early on the Tuesday morning. Total cavers numbered about fourteen on the Tuesday with probably about eight Police and two Ambulance officers. The rescue personnel were outnumbered by members of the media.... The search for the missing three got under way again about 11.00am, but without much hope of finding them alive. The stream level had fallen considerably by this time and the ropes previously installed and necessary were now not needed. By about 1pm, all three bodies had been located and by around 2.30pm had been removed from the cave and flown to the road by helicopter.

The operation was wound up about 5pm at the Police Search & Rescue office in Hobart with a short psychological debrief. The operational debrief and a further psychological trauma debrief were both held a couple of days later.

The findings of the Coroners Inquest gave the cause of death, in the case of the three deaths in Mystery Creek Cave, as accidental drowning.

The courage and fortitude of all eleven members of the school party was outstanding and must be recorded. The survivors did a superlative job in keeping their spirits up during the incident and certainly aided their own rescue to a significant extent.

It is with deepest regret that the deaths of Jo Cuthbert, Anita Knoop and Frances O'Neill are noted to have occurred on the afternoon of Monday July 2, 1990 in Mystery Creek Cave at Ida Bay in southern Tasmania. Some two months later Mark Healey also died in Melbourne. On behalf of all Australian cavers, I wish to pass on heart felt sympathies to parents, families and friends of the four deceased.

Australain Speleological Federation Inc. address list as at 1-12-90.

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M NICKOLLS 13 McCULLOCK RD BLACKTOWN 2148
 BRENNAN 145 ANNANGROVE RD
                              ANNANGROVE 2156
                            CASTLE HILL 2154
 MACFARLANE 9 ANTHONY RD
  KECK GREYHAVENS CHURCH ST TRUNKEY CREEK 2795
 ROSE 43 TELEGRAPH RD PYMBLE 2073
                         DURAL 2158
J GRAY 53 CRANSTONS RD
 LAWRENCE ABERCROMBIE CAVES
                                viaTRUNKEY CREEK 2795
                            EMU HEIGHTS 2750
  RICHARDS 40 TOORAK CRES
  STUCKEY 43 TELEGRAPH RD
                            PYMBLE 2073
                          ADAMSTOWN 2289
KENTHURST 2156
 HARRIS 145 GOSFORD RD
J MARSHALL 32 SAGARS RD
 GOLDSMITH 17 WHITE ST
ANDERSON 22 CROWLEY ST
                           BALGOWLAH 2093
                           BEROWA 2081
G BRUCE 102 PITT TOWN RD
                            MCGRATH'S HILL 2756
                                        page-8
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ROSS WOODWARD 34/22 NEWMAN ST MERRYLANDS 2160 G DAVIES 24 CATHY ST BLAXLAND 2774 ROBYN WOODWARD 34/22 NEWMAN ST MERRYLANDS 2160 G SHAW 198 RAILWAY TCE GUILDFORD 2161

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C RILEY 52 MACAULAY ST STANMORE 2048 NSWITSS C/-THE UNION PO BOX-123 BROADWAY 2007

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B COOKE 5 PONDEROSA PLACE LUGARNO 2210
  ROCHELMAYER 2/7 BURDETT ST HORNSBY 2077
 MOORE 9 HERBORN PL MINTO 2566
                       GLADESVILLE 2111
R MANNELL P.O.BOX 364
  D'LEARY 1/87 THARWA RD
                          QUEENBEYAN 2620
                        EPPING 2121
  RAMAGE 33/40 KENT ST
 CAMPBELL 28 BAY ST BIRCHGROVE 2041
M ATTARD 9 PIMELA DR
                      WOODFORD 2778
                              SOUTH PENRITH 2750
G & A WATTERS 83 MOOLANA PDE
                       WILBERFORCE 2756
M METHERILL 7 KING ST
  MCLACHLAN 24 TULONG AVE
                           DUNDAS 2117
  STONE 35 PELLEAS ST
                       BLACKTOWN 2148
                       WAHROONGA 2076
  MORLEY 7 RUSSEL AVE
 GLUYAS 91 PEEL ST WEST
                          WEST LAUNCESTON 7250
                       BLAXLAND 2774
  COCKLE 26 HILDA AVE
  MCQUILLAN 27 LIGGINS RD
                           HAZELBROOK 2779
R RIGBY 21 STIRLING AVE KIRRAWEE 2232
T O'GRADY 43 DAVIDSON AVE NORTH ROCKS 2151
P SIM 57 KENT HURST RD ST IVES 2075
 WAGHORN 11 PARTINGTON AVE WINDSOR ONTARIO
                                              CANADA
  PANAYIDES 1 BLENHEIM RD NORTH RYDE 2113
                            ROSEBERRY 2015
  SIBBARD 220 GARDENERS RD
L GIBBONS 8 MARSH PLACE LANE COVE 2066
  WARREN PO BOX 264 PETERSHAM 2049
  MACROBB P.O.BOX 107
                       FRENCHS FOREST 2086
  DOHERTY 3 YOUNG ST
                      SYLVANIA HEIGHTS 2224
  CHAPMAN 8 ILLILIWA ST
                         NEUTRAL BAY 2089
 MAHOOD 24 MARNPAR RD
                        SEVEN HILLS 2147
                     NARWEE 2209
  MORRIS 13 LYLA ST
  PICKARD 17 PELLEAS ST
                         BLACKTOWN 2148
  MAHOOD 24 MARNPAR RD
                        SEVEN HILLS 2147
                             BATEMANS BAY 2536
  JAKOBASCH 8 DERRIBONG AVE
G WILLIAMS 18/11 CHURCH ST
                             ASHFIELD 2131
                         ST PETERS 0
  HUGHES 6/21 SILVER ST
 MURRAY 24 CAREYA CRES
                          WOODFORD 2778
                   BLACKTOWN 2148
 MALE 3 DRAKE PL
R STEENSON 15 HAMILTON ST
                           SWANSEA HEADS 2281
 RENWICK 56 DUNDILLA RD FRENCH'S FOREST 2086
K OZANNE PO BOX 462 NEWTOWN 2042
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A DEAN BURTON & GARRAN HALL AUSTRALIAN NATIONAL UNIVERSITY 2601
A WALL 2 SEAL PLACE FLYNN 2615
NUCC GPO BOX 4 CANBERRA 2601
                        GRIFFITH 2603
S DOUGLAS 40 JANSZ CRES
D ABBOT 18 NUNNAGINE ST FISHER 2611
                            0
 ABOTOMER LENNOX A BLOCK
                         NARRABUNDAH 2604
 EDMUNDSON 31 LUMEAH ST
 FISHER BURGMANN COLLEGE
                          A.N.U. 2601
 ATKINS 19 0'SULLIVAN ST
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 NORTHCOTE 152 ATHERTON ST
                             DOWNER 2602
  BARRETT 16 BERTEL CRES CHAPMAN 2611
 O'NEIL 54BINGLEY CRES FRASER 2615
        2 CATARACT ST
                       KALEEN 2617
  BOYLE
 ORR 83 BANDJALONG CRES ARANDA 2614
                     O'CONNOR 2601
 BEATTIE 15 BURT ST
 PELIT 60 MUGGA WAY
                      REDHILL 2603
 DAVIES 34 CROZIER CIRCUIT
                             URAMBI VILLAGE 0
 PETROV 100 DAVENPORT ST DICKSON 2602
P ANDREWS 183 STARKE ST HOLT 2615
H PERKINS BIOCHEMISTRY DEPT
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D BOFINGER DEPT THEORETICAL PHYS R.S. PHYSICS SCHOOL A.N.U. 2601
                         DICKSON 2602
         139 MAJURA AVE
J. DANIEL
M DAWE 27 HACKETT GARDENS
                           TURNER 2601
                 BUNGENDORE 2621
 CORRY RMB 287
  BROUGHTON 5 WELSBY PL
                         FADDEN 2904
                    O'CONNOR 2601
  SAINTY 9 LORD ST 0'CH
SCHILD 64 BOKHARA CKT
                         KALEEN 2601
R MOUNTSEER 28 BANDJALONG CRES
                                ARANDA 2614
J PRICE 50 VAGABOND CRES
                          MC KELLAR 2617
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M STUCKINGS 100 DAVENPORT ST DICKSON 2602 L WILLIAMS 12 VOLLA PLACE LYONS 2606 A.N.U. 2601 TAAFE BURGMANN COLLEGE WIMMER 17 DURVILLE CRES GRIFFITH 2603 WALLACE 16 DE BURGH ST LYNEHAM 2602 T MILLAR 18 WELD ST YARRALUMLA 2600 D LOVRIC 5 WENHOLZ ST FARRER 2607 KONSTANTELOS BRUCE HALL A.N.U. 2601 LEWIS 25 ENDEAVOUR ST REDHILL 2603 IRVINE 38 IPIMA ST BRADDON 2601 A KONSTANTELOS BRUCE HALL LANE 21 VOGELSANG PL FLYNN 2615 S HOSTETLER TOAD HALL A.N.U. 2601 NEWY 28 STURDEE CRES MONASH 2904 HOPE 4 GREENLAND PL 0'CONNOR 2601 K MCLEAN BRUCE HALL A.N.U. 2601 WILLIAMS BURGMANN COLLEGE A.N.U. 2601 WOODWARD TRENTOUL PLACE FLYNN 2615 TAYLOR 181 CHUCULBA CRES GI WILKINSON 23 TRENWITH CLOSE GIRALANG 2617 SPENCE 2615 GEHRIG BURTON & GARRAN HALL A.N.U. 2510 WILCOX BURTON & GARRON HALLS A.N.U. 2601 SEMITECOLOS BURGMANN COLLEGE A.N.U. 2601 P FITZPATRICK 12 RAPANEA ST RIVETT 2611 T SENDEN 100 DAVENPORT ST DICKSON 2602

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P SOUTH 65 DAHLIA ST GREYSTANES 2145
G MCKANNA PO BOX 1762 NORTH SYDNEY 2060
C & I LEWIS & FRISCHKNECHT 1A NORTH ARM RD MIDDLE COVE 2068
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  CHALSON 10/19 BARREMA RD
                               LAKEMBA 2195
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P PARKER PO BOX 272
                      MATRAVILLE 2036
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A MANSFIELD RMB 764 BALLARAT
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D UNMACK 644 SPENCER ST WEST MELBOURNE 3003
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                                 PARK ORCHARDS 3114
                             GLEN IRIS 3146
  SMITH 71 ASHBURTON RD
  LAWRENCE C/O GEOG. DEPT UNI OF MELBOURNE PARKVILLE 3052
  DUNNICLIFF 82 TARCOOLA DR
                                  YALLAMBIE 3085
  WEBB GEOLOGY DEPT LA TROBE UNIVERSITY BUNDOORA 3083
  COLEMAN 22 PROSPECT ST
                             MOUNT WAVERLEY 3149
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MARTIN 67 AITKEN ST WILLIAMSTOWN 3016
BERINGER 50 BRADLEYS LANE WARRANDYTE
                             EAST BRUNSWICK 3057
                                  WARRANDYTE 3113
                        FITZROY 3065
G DUFFY 312 GORE ST
 ACKROYD 384 CANNING ST NBRTH CARLTON 3054
RUSSELL 15 CLOVELLY AVE GLENROY 3046
G ANDREWS 5 FLORA COURT
                            NARRE WARREN 3805
  WYLD 2/279 HAWTHORN RD
                              CAULFIELD STH 3162
B LESLIE 4 BENNIE ST. BRUNSWICK 3056
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GRAVES FAMILY 10 MAMMOTH ST WITCHCLIFFE 6286
CURTIS FAMILY 24 NEVILLE ST BAYSWATER 6053
J SHAW 27 HALWEST WAY ALEXANDA HTS 6064
M BUTCHER LOT 791 BATAVIA CIRCLE KALBARRI 6536
MATTHEWS FAMILY B ST LEONARDS AVE WEST LEEDERVILLE 6007
G KENDRICK C/- W.A.MUSEUM FRANCIS ST PERTH 6000
D BYERS 31 FAIRLIGHT ST MOSMAN PARK 6012
R MAY P.O.BOX 27 MARGARET RIVER 6285
S ELLIGTT C/-103 HUNTERLEY ST GOOSEBERRY HILL 6076
RULE FAMILY 11 MAPLETON PL DUNCRAIG 6023
BROAD FAMILY 52 ENDERSBEE ST MERRIDIN 6415
K LANCE P.O.BOX 1091 MIDLAND 6056
R FOULDS 5/31 WELLINGTON ST MOSMAN PARK 6012
B GUTHRIE C/- POST OFFICE YALLINGUP 6282
C HEATH 144 FREMANTLE RD GOSNELLS 6110
R HOWLETT ZAMBOULAH ORCHARD 120 CARILYA RD PICKERING BROOK 6076
G LASLETT 4 MARQUIS ST SAINT JAMES 6102
A MURRAY 20 PHILLIPS RD MUNDARING 6073
L PARKER LOT 41 SHERVINGTON AVE WITCHCLIFFE 6286
PIMM FAMILY RMB 230 MARGARET RIVER 6285
PLUMLEY FAMILY 73 KENNEDY ST INGLEWOOD 6052
B SCREEN 20 GREVILLE WAY GIRRAWHEEN 6064
B SHAW 23 COOK AVE HILLARYS 6025
R WAUGH 10 BRAECOURT ST COOLOONGUP 6168