

Thungyai West 16-28/4/03 (1)

Tham Mahuema 22/4/03

(above sink of Huai Pompi)

survey - Suunto compass/dino, 30m tape

Dean Smart, Terry Bolger, Phil
Oakley, Paul Johnson, Nopparat
Nalsathit, Anun Sriphuphong,
Titjit Sanklakhiri, Nopphadon
Khamjai, Manas Thongkham,
Ekarat Saisankla-unphon.

(2)



Tham Mahuema 22/4/03

(3)

| stat | D | B | A | L | R | U | D |
|---------|-------|-------|------|-------|-----|-----|----------|
| 1 → 2 | 11.10 | 312 | -8.5 | leg | leg | 8 | 1.5 1 |
| 1 → 3 | 18.00 | 098 | +17 | 0 | leg | 6 | 1.6 2 |
| 3 → 4 | 19.00 | 107.5 | +34 | leg | leg | 5 | 1.5 3 |
| 1 → 5 | 22.80 | 005 | -27 | leg | 0 | 1.0 | 3 4 |
| 5 → 6 | 21.30 | 039 | -37 | 6 | 27 | 15 | 1.7 6 |
| 6 → 7 | 22.60 | 052 | -29 | 15 | 12 | 15 | 1.8 7 |
| 7 → 8 | 18.85 | 043 | -30 | P/0.4 | 2.5 | 0 | 1.4 8 |
| 8 → 9 | 4.35 | 310 | -46 | P | 4.0 | 1.5 | 0.9 |
| 9 → 10 | 5.40 | 042 | -48 | P | 4.5 | 0 | 1.0 10 |
| 10 → 11 | 8.95 | 313 | -33 | 15 | 3 | 1.0 | 1.8 11 |
| 11 → 12 | 15.97 | 320 | -32 | 4.5 | 16 | 1.8 | 1.7 12 |
| 12 → 13 | 12.95 | 337 | -41 | 3 | 8 | 0 | 1.2 13 * |

14

left going at pitch

| surface survey to stream side | | | | * marked with pink flagging | | | |
|-------------------------------|-------|-----|------|-----------------------------|--|--|--|
| 1 → S1 | 8.75 | 221 | +22 | | | | |
| S1 → S2 | 18.70 | 182 | 00 | | | | |
| S2 → S3 | 25.95 | 234 | +14 | | | | |
| S3 → S4 | 15.35 | 189 | +5.5 | | | | |
| S4 → S5 | 26.65 | 217 | -7.5 | | | | |
| S5 → S6 | 18.40 | 212 | -10 | | | | |

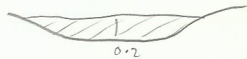
| stat | D | B | A |
|---------|-------|-----|-----|
| S6 → S7 | 19.65 | 130 | -26 |
| S7 → S8 | 14.20 | 048 | -01 |

S8 = stream sink

S8 → S9
S9 → S10

flow rate measurement Huar Popipi, 10m upstr. of sink.
(1 hrs rain evening before).

L - 3m
W - 1.7m
D - 0.2m



time - 2.32s, 2.35s, 2.06s, 2.33s, 2.17s,
av = 2.246

3
1.7
5.1
0.2
10.2

Thungyai West 16-28/4/03

(1)

Tham Mahuema 25/4/03

'Fat Phil's Fancy' + beyond.

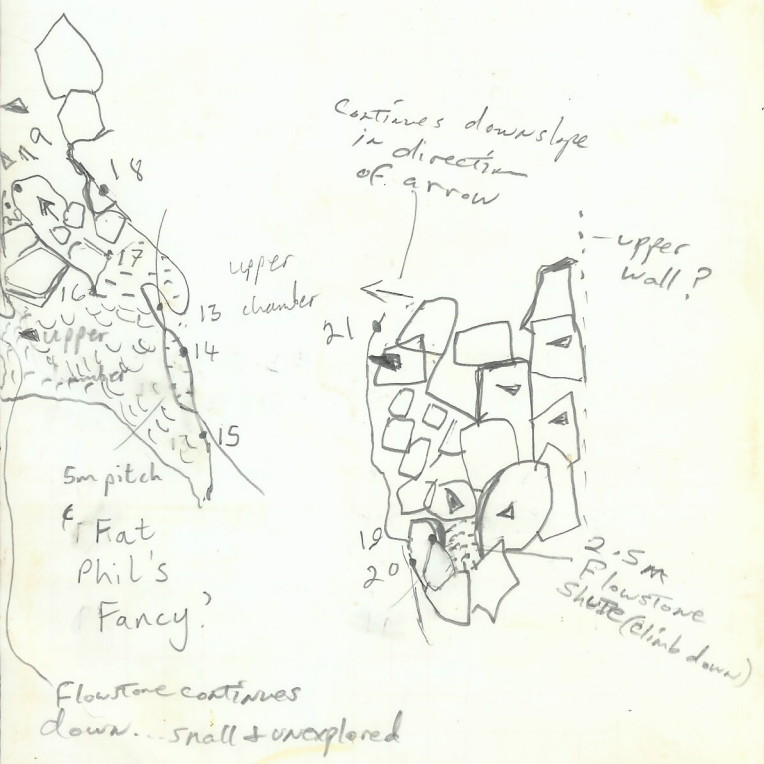
survey - sunnys compass/dino, 30m tape
same team as 22/4/03

Dropped shaft at bottom of cave (5m)
v. tight at top. bolt + boulder belay.
Squeeze enlarged by hammering
+ descended by lowering people down
+ pulling back up.
More descending boulders at bottom
(see survey).

In the red gours of the lower chamber
(above FPF) are small, colourless
isopods (aquatic). Appear to be blind
No specimens taken.

Temp: at bottom of room above FPF,
monitored air t. from 12.00 (noon)
every 30 mins till 4.00pm.
= constant 18.5°C.

2



3

Tham Mahuema 25/4/63

| stat | D | B | A | L | R | U | D |
|-------|------|-------|-------|-----|-----|-----|---------|
| 13→14 | 1.15 | 208.5 | -34 | 0 | 1.0 | 2.5 | 0.5 1.4 |
| 14→15 | 6.11 | 290 | -50 | | | | 1.5 |
| 15→16 | 5.2 | 096 | +0 | 1 | 0.4 | 1.4 | 1.6 |
| 16→17 | 1.3 | 147 | -19.5 | 0 | 1.2 | 1.0 | 1.7 |
| 17→18 | 5.3 | 070 | -22 | 0 | 2 | 0.3 | 0.7 |
| 18→19 | 6.35 | 038 | -25 | 2.5 | 0 | 0.6 | 0.4 |
| 19→20 | 3.7 | 315 | -62 | P | P | 2.5 | 5 |
| 20→21 | 15.0 | 057 | -30.5 | 0 | 2.4 | 5 | 1.5 |

Thungyai West 16-28/4/03 (1)

Tham Mahuema 26/4/03

survey - suunto compass/clin, 30m tape

Below 'FPF'

| | | | |
|-----------------|--------|-----|-----------|
| air t. = 18.5°C | at top | FPF | 11.00 am. |
| air t. = 18.5°C | " | " | 3.00 pm |

(2)



(3)

Tham. Mahuema 26/4/03

| stat | D | B | A | LRUD |
|---------|-------|-------|-------|-------------------------------|
| 15 → 22 | 8.90 | 042 | -37 | 202.00.40.622 |
| 22 → 23 | 11.15 | 040 | -46.5 | 9/1.6 ³ /120 1.223 |
| 23 → 24 | 10.80 | 051 | -44 | 202.51.50.424 |
| 24 → 25 | 9.55 | 082.5 | -31 | 1.00.32.51.225 |
| 25 → 26 | 6.10 | 046 | -39 | 0.80.70.90.826 |
| 26 → 27 | 2.55 | 275 | -31 | 0.30.30.50 27 |

cave bottomed out at 27.

