

Byauk Caves & The Great Barrier

HFNC, 14 May 2011

Notes by KGG

Present:

Rod Bird

Glenys & John Cayley

Janeen & Ken Grimes

Di Luhrs

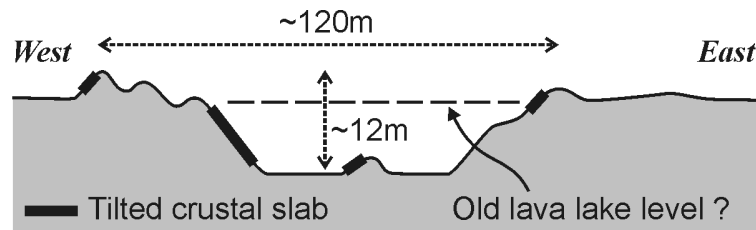
Dave & Lyn Munro (left early)

Reto & Yvonne Zollinger

Mareeta Cox

The main objective was The Great Barrier, so we walked in fairly quickly, with brief stops to look at the damage to the southern dry stone wall by fencing activities a year ago, and some of the sinkholes.

The Great Barrier is about 400m beyond Turk cave at the end of the main line of sinkholes. It runs in a curve, about 400m long, transverse to the lava flow direction. There is a sharp ridge at the downflow (west) side, a central deep trench, and a much less obvious ridge on the upflow side (see cross-section). Tilted crustal slabs can be seen on the sides of the ridges, at angles up to 45° . It has usually been attributed to pressure folding of the crust as the lava moved (e.g. Skeats & James, 1937), but when seen on air photos, its shape and the presence of multiple smaller ridges suggests that the trough may have been a lava lake with multiple overflow ridges on both sides, followed by subsidence of the crusted floor as pressure was lost at the end of the eruption.



We had lunch under a feral pine tree (they do have some value?) and returned; with a pause to admire a large Swamp Wallaby that had a white grizzled face, suggesting old age – but she had a joey in her pouch. When she hopped away we realised that she had a male companion hidden in the scrub. We also had a quick look at a couple of the caves on the way out (The Turk, and the big Church Arch).

Di was photographing fungi for Dave (next page), and Rod recorded a bird list (below).

Australian Magpie

Little Raven

Peregrine Falcon (pair)

Crimson Rosella

Red-browed Finch

Grey Fantail

Willie Wagtail

White-throated Treecreeper

Silvereye

Striated Fieldwren

Superb Fairy-wren

Brown Thornbill

White-browed Scrubwren

Scarlet Robin

Welcome Swallow

Grey Shrike-thrush

New Holland Honeyeater

White-eared Honeyeater

Byaduk Caves – HFNC excursion 14-04-2011

Fungi list

Ruby Mycena?



Amauroderma rude



Underside – red-stainer



Agaricus



Cortinar (cinnamon?)



Xerula radicata



Agaricus



Cortinar



Marasmius ?



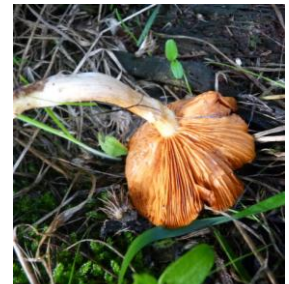
Scarlet bracket fungus



Marasmius?



Cortinar



Cortinar



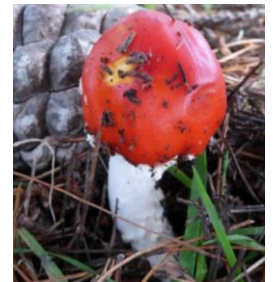
Agaricus



Marasmius?



Armillaria?



Amanita – fly agaric



Saffron milk cap /Lactarius



Slender parasol?/reddish?



Scarlet bracket fungus



Cordyceps



??



Earthstar - Geastrum



Scarlet bracket fungus



Puffball