

FUNGI GROUP FORAY 6th July 2008

A small group of nine members and two visitors came to the Green's Bush foray on a fine day.

Eight species of *Hygrocybe* were found, three of which were Fungimap Targets - including the mauve *H. lewellinae*, bright yellow *H. chromolimonea* and *H. graminicolor*. The latter are highly variable in colour – the caps of these were like dried grass and the stems were a pale green olive. Three we could not identify to species. This area, which has many small pockets of mossy soil and logs, seems to be very favourable for *Hygrocybe* spp. Together with the *Clavaria* and *Ramaria* species, they often make a colourful display in the moss.

Six species of *Entoloma* were found, but we could identify only two in the field – our familiar *Entoloma* sp. 'fawn bluey' and *Entoloma panniculum* - the latter having a deep blue fibrillose cap and similar stripe, although it is much paler towards the top. There appeared to be many variations on *Entoloma* with blue or fawn caps on blue or pale stipes - these subtle differences make it difficult to identify many species. We found something very similar to *Entoloma* sp. 'fawn bluey', except that the stem was a dark blue/black and was quite lumpy and convoluted. A group of large kangaroo bones provided the typical habitat for *Hebeloma aminophilum*. A few *Russula* spp. were found – the common *R. clelandii* and *R. persanguinea*. The cap of the latter was deep bright red with a darker centre and the stem was pure white, but it was not until we could be sure there was no trace of blue or purple on the cap that we felt confident in its identity. Another *Russula* had a pale biscuit cap with a grooved, translucent striate margin. This is probably in the *R. neerimea* group (see Bougher & Syme (1997) p.152). Unfortunately we did not think to check the odour, because the former is described as having a sweet smell – certainly we did not notice the rancid odour associated with *R. foetens* of similar appearance.

Although we kept a close watch, we did not find any *Amanita armeniaca* this time – these are conspicuous for their bright orange/peach fruit bodies with white velar remnants on the cap.

In total, 79 species were found, including 15 Fungimap targets.

Thanks to Sue McLean for taking the field notes. A full list of species is available from me.

Paul George

FNCV FUNGI GROUP FORAY 6th July 2008

Baldry Crossing, Greens Bush, Mornington Peninsula National Park

Vegetation: heathy eucalypt forest

GPS reading at carpark: 38 degrees 25' 20" S 144 degrees 57' 33" E

Table sorted into alphabetical order

No = sequential numbering of species as they were found; **T** = Fungimap Target species; **S** = specimens taken for further examination

See Fungi down under p. # = *Fungi down under: the Fungimap guide to Australian fungi* / by Pat Grey and Ed Grey. 2005

See Fuhrer photo # = *A field guide to Australian fungi* / by Bruce Fuhrer. 2005

See McCann p. # = *Australian fungi illustrated* / by I.R. McCann. 2003

No	S	T	Type	Species	Description	Substrate
41			Gills	<i>Agaricus augustus</i>	Flat scales on cap. Gills brown. Fuhrer p 18	soil
55			Gills	<i>Amanita sp.</i>	Brown cap, white dots.	soil
56			Gills	<i>Amanita sp.</i>	Wide ring, bulbous base, pale cap with rough centre.	Soil and moss
2		T	Gills	<i>Amanita xanthocephala</i>	Grey p 21, Fuhrer p 27	ground
42				<i>Barya agaricicola</i>	Minute saprophyte/parasite on <i>Galerina sp.</i>	fungus
78			Bolete	<i>Boletus sp.</i>	Yellow pores, burgundy red cap, stipe concolorous but scabrous. White foot.	soil
29			Gills	<i>Calocera sp.</i>	Orange	wood
73		T	Slime mould	<i>Ceratiomyxa fruticulosa</i>	Masses of tiny white rods with rounded ends. Fuhrer p 344, McCann p 122	wood
25			Disc	<i>Cheilymenia coprinaria</i>	Young p 143	wallaby dung
21			Coral	<i>Clavaria amoena</i>	Fuhrer p 196	ground
45			Coral	<i>Clavaria sp or Ramaria versatilis?</i>	Fuhrer p 212	ground
48			Pores	<i>Coltricia cinnamomea</i>	Cap brown with radial hairs giving lustrous appearance. Fuhrer p 249	ground
22	S		Slime mould	<i>Comatruchia sp.</i>	White, oval sporangia. Fine black stalks. Reticulated spores suggest that this <i>C. dictyospora</i>	decaying fern leaf.
62			Gills	<i>Cortinarius archeri</i>	Dark purple cap and stipe. Fuhrer p 44	soil

61		Gills	<i>Cortinarius fibrillosus</i>		soil
3		Gills	<i>Cortinarius sp.</i>	Dark brown.	ground
24		Gills	<i>Cortinarius sp.</i>	Pale purple stipe with white fibrils. Pale edge to cap.	ground
33		Gills	<i>Cortinarius sp.</i>	Dark brown cap, lilac/purple stem. Cap diameter 50mm.	soil
58		Gills	<i>Cortinarius sp.</i>	Small, deep violet. Too small for <i>C. violaceus</i>	
20		Gills	<i>Cystolepiota sistrata</i>	Tiny white cap with ragged margin. Powdery white stipe. Fuhrer p 58	leaf litter
63	T	Gills	<i>Dermocybe austroveneta</i>	Green cap, yellow gills and stipe. Grey p 34, Fuhrer p 59	soil
5		Gills	<i>Dermocybe sp.</i>	Gills red with rusty bloom. Stipe red with fibrillose bands	ground
72		Gills	<i>Dermocybe sp.</i>	Cap dirty olive with darker umbo. Stipe pale yellowish with bands of colour and some fibrils.	leaf litter
17		Gills	<i>Descolea recedens</i>	Ring on stipe	ground
18		Gills	<i>Descolea sp.</i>	Small specks on cap, orange scales on margin. No ring. Probably an older specimen of <i>D. recedens</i> . Fuhrer p 64	ground
19		Disc	<i>Discinella terrestris</i>	Fuhrer p 315	ground
11		Gills	<i>Entoloma panniculum</i>	Gills blue. Cap deep blue/black. Stipe pale at the top and darker towards base (similar colour to cap).	ground
10		Gills	<i>Entoloma sp.</i>	Gills pale. Tan cap with dark umbo. Dark stipe.	ground
23		Gills	<i>Entoloma sp.</i>	Fawn cap with dark stipe.	ground
32		Gills	<i>Entoloma sp.</i>	Black cap, dark grey stipe. Gills pink.	ground
53		Gills	<i>Entoloma sp.</i>	Dark brown/mauve cap. Stipe the same colour.	
52		Gills	<i>Entoloma sp. 'fawn bluey'</i>	fawn-bluey'	
13		Pores	<i>Fistulina mollis</i>	Fuhrer p 191	mossy area
31		Gills	<i>Galerina sp.</i>		moss
44		Bracket	<i>Ganoderma applanatum</i>	Brown, woody, layered fruit body, fertile layer white. Fuhrer p 353	tree trunk
39		Gills	<i>Gymnopilus allantopus</i>	Cap margins fibrillose and inturned. Stipe with irregular bands. Fuhrer p 72, McCann p 24	Wood
37		Gills	<i>Gymnopilus sp.</i>	Rusty tan gills. No white veil remnants.	wood
54	T	Gills	<i>Hebeloma aminophilum</i>	Cream, sticky caps. Grey p 38, Fuhrer p 75	kangaroo bones
74		Jelly	<i>Heterotextus miltinus</i>	Bell-shaped fruit bodies (somewhat dried). Fuhrer p 291	wood
64		spines	<i>Hydnum repandum</i>	Cream caps depressed in centre. Fuhrer p 242, McCann p 72	
57	T	Gills	<i>Hygrocybe chromolimonea</i>	Small yellow cap. Stipe yellow. Fuhrer p 82	wood

47	T	Gills	<i>Hygrocybe graminicolor</i>	Cap greenish, some caps more yellow - the colour of dried grass. Fuhrer p 85	moss
27	T	Gills	<i>Hygrocybe lewellinae</i>	Grey p 41, Fuhrer p 87	mossy area
67		Gills	<i>Hygrocybe rodwayi</i>	White, vaulted gills. Fuhrer p 90	moss
26		Gills	<i>Hygrocybe sp.</i>	Cap pink flesh colour. Gills concolorous.	mossy area
28		Gills	<i>Hygrocybe sp.</i>	Bright red cap and stipe. Yellow margin to cap. Yellow gills.	mossy area
36		Gills	<i>Hygrocybe sp.</i>	Cap yellow/orange, stipe pale. Gills thick, stipe slightly moist. Pale decurrent gills.	moss
69		Gills	<i>Hygrophorus involutus</i>	White cap, cream gills. McCann p 32	soil
40		Thin patch	<i>Hyphodontia australis</i>	Surface covered in small bumps. Fuhrer p 279	wood
38		Gills	<i>Hypholoma australe</i>	Fuhrer p 97, McCann p 37	wood
6		Soft crust	<i>Hypocrea sulphurea</i>	Small dots on surface indicate openings of ostioles. Fuhrer p. 320	dead wood
14		Gills	<i>Laccaria sp.</i>		ground
4		Gills	<i>Lactarius eucalypti</i>	Fuhrer p 104	ground
9	T	Jelly	<i>Leotia lubrica</i>	Grey p 117, Fuhrer p 326	ground
79		Puff ball	<i>Lycoperdon sp.</i>		soil
71		Gills	<i>Marasmius sp.</i>	Pink, 5.1mm high, 2-3mm cap diameter. Gills widely spaced with lamellulae. No collar. Shape different from <i>M. crinisequi</i> .	litter
43		Gills	<i>Mycena aff. carmeliana</i>	Orangey basal disc.	wood
46		Gills	<i>Mycena sp.</i>		log
12	T	Gills	<i>Mycena viscidocruenta</i>	Grey p 50, Fuhrer p143	leaf litter
49	T	Gills	<i>Omphalina chromacea</i>	Small yellow cap with depressed centre, decurrent gills. Grey p 52, Fuhrer p 148-149	green algae
1		Gills	<i>Panaeolus sp</i>	Cap finely fibrillose. Gills with bloom indicating cystidia.	ground
60		Gills	<i>Panellus stipticus</i>	Cream kidney-shaped caps. Fuhrer p 154, 155	wood
75		Teeth	<i>Phellodon niger</i>	Flat black cap with pale edge. Fuhrer p 243, McCann p73	litter
16		Gills	<i>Pholiota sp.</i>	Stipe scaly. About 6 groups/bands of fibrils on stipe.	
65	T	Gills	<i>Podoserpula pusio</i>	Tier of pinkish-orange kidney-shaped caps. Grey p 61, Fuhrer p 282	wood
50	T	Disc	<i>Poronia erici</i>	Small white discs with dark holes. Grey p 113, Fuhrer p 335	dung
8	T	Spines	<i>Pseudohydnum gelatinosum</i>	Grey p 82, Fuhrer p 292	rotting stump
34		Gills	<i>Psilocybe subaeruginosa</i>	Blue stains on stipe. Fuhrer p 164	
59		Coral	<i>Ramaria lorithamnus</i>	Dense cream clump. Fuhrer p 211	soil

77		Coral	<i>Ramaria sp.</i>	Fine, mustard coloured branches	soil
15		Coral	<i>Ramariopsis crocea</i>	Branches are U-shaped. Fuhrer 205	ground
7		Gills	<i>Rhodocollybia sp.</i>	Very white, tightly packed gills free from stipe. Cap rounded, hygrophanous. Looks wet, slippery/buttery to touch.	
35		Gills	<i>Russula clelandii</i>	Cap grey/purple, gills white. McCann p 67	soil
68		Gills	<i>Russula sp</i>	Pale biscuit coloured cap with grooved, translucent striate margin. cf. <i>R. neerimea</i> , odour not noticed.	
76		Puff ball	<i>Scleroderma cepa</i>	Cream coloured fruit bodies with dark purple-brown spore mass. Fuhrer p 220	ground
66		Bird's-nest	<i>Sphaerobolus stellatus</i>	Cluster of minute star-shaped fruit bodies in mass of mycelium. Fuhrer p 222	wood
30		Leathery bracket	<i>Stereum illudens</i>	Zoned brown hairy upper surface. Fuhrer p 284	wood
51		Gills	<i>Stropharia semiglobata</i>	Fuhrer p 174	dung
70		Disc ?	<i>Torrendiella eucalypti</i>	Many minute stalked discs on leaf.	acacia leaf