

## FNCV Fungi Group Foray, June 29<sup>th</sup> 2008 at Jack Cann Reserve, Blackwood

Written by Bill Leithhead

Nine regular forayers attended, together with a welcome visitor from Bendigo. Although the forecast showers held off, it was cool and heavily overcast, and we found 62 species during the foray. We found the usual introduced species associated with the pines at the car park, namely the classically-coloured *Amanita muscaria* and a single tan-pored *Chalciporus piperatus*. But the usual *Lactarius deliciosus* were absent, possibly because it's later in the season.

The expected Orange Peel Fungus *Aleuria aurantia* at the second car park was absent this visit, but the usual range of colourful *Dermocybes* and *Cortinarius* were found in the forest, although fewer than normal for this area. A single vivid orange-red *D. cramesina* was there, plus regular groups of shining yellow *C. sinapicolor*, some bottle-green *D. austroveneta*, a subtle, pale violet *C. alboviolaceus*, and several *C. rotundisporus*, with the steely-blue cap with a yellowing centre.

Pinkish-gilled *Rhodocollybia butyracea* with the “buttery” brown cap were scattered here and there, as in past visits, and pinkish-spored *Entolomas* were to be seen, especially a handsome grouping of deep greenish *E. viridomarginatum*. Amongst the mosses were tiny yellow-brown dimpled caps of *Rickenella fibula*, and upon algal mats on the soil were similar groups of yellow *Lichenomphalia chromacea*, a fungus which is so closely allied with algae that its name has been changed from the older *Omphalina chromacea* to denote that close association, so that it is now viewed as a “lichenised” fungus.

There were also ubiquitous scatterings of fleshy-pink *Laccaria* species on the soil. From among dung on the soil we recorded specimens of an unidentified black-spored *Panaeolus*, with a handsome parabolic-conical fibrillose cap featuring subtle shades of grey to dark brown.

There had been a fire through part of this forest last summer, and upon a deeply-charcoaled pine log there were streaked regions of what looked like a slime mould (*Myxomycete*). It had serried rows of thousands of jelly-like blobs, about 2 mm in diameter, from off-white to pale brown in colour. Each blob was on the end of a very thin, tiny black stalk. At this point of time, its identity is a mystery.

Mycenas were uncommon, (but we did see *M. kuurkacea* group and *M. viscidocruenta*), and so were *Russulas*. We also saw only one (unidentified) Coral fungus, although there are usually more of them here. Also recorded were the fairly common fungi *Agaricus* “small, lepiotoid” (species uncertain), lanky *Stropharia semiglobata*, Lawyers Wig *Coprinus comatus*, *Clitocybe clitocyboides*, *Lactarius*

*eucalypti*, yellowish *Hypholoma fasciculare*, little Ping-pong Bats *Panellus pusillus*, *Xerula australis*, *Gymnopilus allantopus*, *Pluteus cervinus*, and *Stereum illudens*.

Other finds included a Pagoda Fungus *Podoserpula pusio*, spiny-capped black-gilled *Psathyrella echinata*, several soft-pored *Fistulinella mollis*, and a funnel-shaped forked-gilled *Austropaxillus infundibuliformis*. As well, large fruit-bodies of *Leucopaxillus eucalyptorum* were scattered around Blackwoods *Acacia melanoxylon* where we have seen it before, emerging from under pine needles and leaf litter.

Bracket-like fungi were also seen, such as White Punk *Laetiporus portentosus*, *Polyporus melanopus* and a large violet bracket *Fomitopsis lilacinogilva*. A group of *Phellodon niger* was seen again this year, with the darkly-zoned depressed cap and tiny greyish teeth underneath. Ascomycetes were represented by the tiny orange Eye Lash Fungus *Cheilymenia coprinaria* group on dung, and on a log were deep green-blue stalked flat cups of *Chlorociboria aeruginascens*, a common fungus in forests.

As we all ate our picnic lunch at the car park, we happened to find groupings of the hallucinogenic mushroom *Psilocybe subaeruginosa* growing in the mulch upon garden beds belonging to the nearby tea-room and nursery. It is not uncommon to see this species group in the forest and in disturbed areas.

## SPECIES LIST FOR FNCV FUNGI GROUP FORAY JUNE 29<sup>th</sup> 2008 AT BLACKWOOD

Written by Bill Leithhead.

**Site:** Lerederg River Walk. From carpark at Garden of St Erth, Jack Cann Reserve, Simmons Reef Road, Blackwood.

**Vegetation:** River Heritage Walk in Eucalypt open forest with Narrow-leaved Peppermint, Manna Gum and Messmate Stringybark (*Eucalyptus radiata*, *E.*

*viminalis* and *E. obliqua*) and an understorey of various Wattles including Blackwood *Acacia melanoxylon*, Banksias and Peas. Picnic area with Pine trees.

**GPS reading at carpark:** S 37°28.648' E 144°17.467'

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

See *The Fungi CD* = FNCV Fungi Group CD-ROM, featuring 240 species and over 1100 photos. Available from FNCV office.

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

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

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

*B&S p. #* = Page number in *Fungi of Southern Australia* / Neale L. Bougher and Katrina Syme. 1998.

No	S	T	Type	Species	Description	Substrate
1	1		Truffle-like fungus	?Thaxterogaster sp.	<b>Fruit body</b> (mature specimen) globose, 15 x 20 mm; <b>peridium</b> deep red-brown, 1 mm thick, rind-like (coming away easily from gleba); <b>gleba</b> cream on younger specimens, becoming greyish (lilac?)-brown, with tightly packed convolutions (there's a term 'sublamellate' but not sure if this applies); <b>columella</b> present, prominent, white, 2 mm broad, percurrent; odour mushroom-like.	In open grassy ground under <i>Eucalyptus</i> sp.

No	S	T	Type	Species	Description	Substrate
					Had been exposed by animal digging. <b>Spores</b> orange-brown, rough ornamentation with smooth margin due to presence of perisporium, oval-ellipsoidal, c. 15 x 10 µm, with prominent hilar appendage (or rostrum? There's structural detail at one end, but indeterminate due to limited resolution of microscope). <b>Clamp connections</b> present. Microscopically most resembling <i>Cortinarius/Thaxterogaster</i> spores (See <b>B&amp;S pp. 282-285</b> ). Description by Frances La Fontaine	
2			Gill	<i>Amanita muscaria</i>	<b>See <i>The Fungi CD</i>, Fuhrer 10, <i>Fungi Down Under</i> p. 19, McCann p. 9.</b> Several specimens.	In soil amongst grass, near pines
3			Pore	<i>Chalciporus piperatus</i>	<b>See <i>The Fungi CD</i>, Fuhrer 290.</b> One specimen.	In soil amongst grass, near pines
4	3		Gill	<i>Entoloma viridomarginatum</i>	<b>See <i>The Fungi CD</i>, Fuhrer 67, McCann pp. 29.</b> Cap diameter 25-40 mm, green; gills pale with dark green margins; stipe deep green.	Mossy soil
5			Gill	<i>Rhodocollybia butyracea</i>	<b>See <i>The Fungi CD</i>, Fuhrer 34, McCann p. 43.</b> Several seen this day.	Soil
6	2		Gill	<i>Entoloma</i> sp.	Cap brown-pink; gills pinkish; stipe grey-brown. Spores 7 x 11 µm; angular.	Mossy soil
7			Gill	<i>Rickenella fibula</i>	<b>See <i>The Fungi CD</i>, Fuhrer 250, B&amp;S p. 214.</b>	Moss on soil
8			Gill	<i>Laccaria</i> sp.	Cap brown-pink; gills pink; stipe reddish-brown.	Soil
9			Gill	<i>Laccaria</i> sp.	Cap orange-brown; gills pink; stipe reddish-brown.	Soil
10			Gill	<i>Agaricus</i> sp.	Considerable group, cap pale brown with pronounced umbo, 25-45 mm; gills pink-brown; stipe creamy-white with fragile ring.	Soil
11			Gill	<i>Panaeolus</i> sp.	Cap 25 mm, parabolic, mottled very dark brown, with traces of veil remnants, fibrillose; gills very dark brown; stipe 60 mm long, dark brown.	Dung (marsupial)
12		T	Gill	<i>Lichenomphalia chromacea</i> (was <i>Omphalina chromacea</i> )	<b>See <i>The Fungi CD</i>, Fuhrer 222, <i>Fungi Down Under</i> p. 52.</b> Cap yellow-orange.	Upon algal mat on soil

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13			Gill	Tubaria sp.	Cap 18 mm, bone-yellow; gills yellow-brown; stipe brownish; faint white ring.	Soil
14			Myxomycete	Slime mould	Large numbers of translucent spheres and elongated blobs, 1-1.5 mm diam, very pale cream, ranging to pale red-brown (older?). Each on an extremely fine black stalk, length 1-2 mm, many extending into the body of the blob. Growing in extensive scattered longitudinal zones along charcoaled grain of a very large completely blackened fallen pine or cypress log. Ranging over many metres.	Burnt conifer log
15	4			<i>Unidentified</i>	Tiny (< 1.5 mm wide) elongated, flat, cushion-like fruit bodies in grain of charred fallen pine log; creamy-brown-grey, speckled faintly with darker dots on surface. Microscopic examination revealed no asci, just a tangled mass of hyphae.	Burnt conifer log
16			Gill	<i>Mycena kuurkacea</i>	<b>See <i>The Fungi CD</i>, Fuhrer 199</b>	Soil (buried wood?)
17			Gill	<i>Russula</i> sp.	Cap brownish, centrally depressed; gills brown-yellow; stipe white.	Soil
18			Gill	<i>Leucopaxillus eucalyptorum</i>	Cap diameter c. 80 mm, grey-brown; gills creamy-white, decurrent, 8 mm deep; stipe 70 x 12 mm, sturdy, pale cream. Spores subglobose, warty, c. 6 x 5 µm. <b>See <i>The Fungi CD</i>, Fuhrer 168.</b>	Soil under Black-woods <i>Acacia melanoxylon</i>
19	5		Gill	? <i>Lepiota</i> sp.	Whole fruit-body creamy white. Cap diameter 24 mm, convex, with tiny dark scales in centre; margin eroded; gills free, 4 mm deep; stipe 55 x 5 mm, widening toward base, bent at base, stuffed; annulus present, 19 mm from top of stipe. Yellow water droplets all over the stipe base and the annulus; Flesh white. Spores 6.5-7 x 4-4.5 µm, smooth, hyaline; basidia 23 x 9 µm, 4-spored; sterigmata long and thin, c. 7-8 µm.	Soil
20			Gill	<i>Tricholoma</i> sp	Cap 35-40 mm, grey, gills white, sinuate, stipe creamy-white, hollow.	Soil
21		T	Gill	<i>Dermocybe austroveneta</i>	<b>See <i>The Fungi CD</i>, Fuhrer 72, <i>Fungi Down Under</i> p. 34, McCann p. 20.</b>	Soil

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22			Coral	<i>Unidentified coral</i>	Cluster of stems 25 mm tall, creamy white with yellow tips.	Soil
23		T	Pore	<i>Panellus pusillus</i> (= <i>Dictyopanus pusillus</i> )	See <i>The Fungi CD</i> , Fuhrer 229, <i>Fungi Down Under</i> p. 64, McCann p. 45.	Log
24			Gill	<i>Stropharia semiglobata</i>	See <i>The Fungi CD</i> , Fuhrer 174, McCann p. 40.	Dung (marsupial)
25		T	Gill	<i>Coprinus comatus</i>	See <i>The Fungi CD</i> , Fuhrer 45, <i>Fungi Down Under</i> p. 26, McCann p. 11. Single specimen	Soil
26			Gill	<i>Clitocybe clitocyboides</i>	See <i>The Fungi CD</i> , Fuhrer 31, McCann p. 43. Several sightings.	Soil
27			Gill	<i>Lactarius eucalypti</i>	See <i>The Fungi CD</i> , Fuhrer 150, McCann p. 67, B&S p. 134.	Soil
28			Gill	<i>Hypholoma fasciculare</i>	See <i>The Fungi CD</i> , Fuhrer 137, McCann p. 37. Various clustered groups, particularly near one bank.	Forest litter
29			Gill	<i>Dermocybe cramesina</i>	See <i>The Fungi CD</i> , Fuhrer 75, McCann p. 21.	Soil
30			Gill	<i>Cortinarius sinapicolor</i>	See <i>The Fungi CD</i> , Fuhrer 56, McCann p. 17, B&S p. 258. Widespread, solitary or in groups.	Soil
31			Cup	<i>Unidentified</i>	Very tiny yellow cup with small stalk.	Soil
32			Tooth	<i>Phellodon niger</i>	See <i>The Fungi CD</i> , Fuhrer 376.	Soil
33		T	Gill	<i>Cortinarius rotundisporus</i>	See <i>The Fungi CD</i> , Fuhrer 55, <i>Fungi Down Under</i> p. 30, B&S p. 256.	Soil
34		T	Gill	<i>Xerula australis</i>	See <i>The Fungi CD</i> , Fuhrer 274, <i>Fungi Down Under</i> p. 54 (as <i>Oudemansiella radicata</i> ), McCann p. 59 (as <i>Xerula radicata</i> ).	Soil
35			Gill	<i>Psathyrella echinata</i>	See <i>The Fungi CD</i> , Fuhrer 245, McCann p. 13.	Log
36	7, 8		Gill	<i>Entoloma</i> sp.	Cap diameter 14-18 mm, convex, with dark central depression, yellow-brown, striate; gills pale yellow-brown (pinkish in one specimen), stipe smooth, brown-grey, lighter at top than base, white mycelium at base of stipe. Spores 7 x 6 µm, angular.	Soil
37		T	Leathery shelf	<i>Podoserpula pusio</i>	See <i>The Fungi CD</i> , Fuhrer 437, <i>Fungi Down Under</i> p. 61, McCann p. 66, B&S p. 256.	Log
38			Gill	<i>Gymnopilus allantopus</i>	See <i>The Fungi CD</i> , Fuhrer 95, McCann p. 24.	Log
39			Gill	<i>Pluteus atomarginatus</i>	Gills have dark margins. See <i>The Fungi CD</i> , Fuhrer 241, McCann p. 35.	Log

No	S	T	Type	Species	Description	Substrate
40			Gill	Russula sp.	Cap purple-red, gills white, stipe white.	Soil near pines
41			Layer	Hypocrea sulphurea	See <i>The Fungi CD</i> , Fuhrer 497.	Dead branch
42			Bracket	Stereum illudens	See <i>The Fungi CD</i> , Fuhrer 440, McCann p. 84. Many specimens.	Dead branch
43			Bolete	Fistulinella mollis	See <i>The Fungi CD</i> , Fuhrer 291, McCann p. 64, B&S p. 256.	Soil
44			Gill	Agaricus "small, lepiotoid"	Small Agaricus with scaly cap. Resembles a Lepiota, but has brown gills.	Soil
45				Marasmiellus affixus	See <i>The Fungi CD</i> , Fuhrer 176, McCann p. 51.	Dead branch
46			Forked gill	Austropaxillus infundibuliformis	See <i>The Fungi CD</i> , Fuhrer 275; McCann p. 62 and B&S p. 286. (latter both as <i>Paxillus infundibuliformis</i> ).	Soil
47			Bird's-nest	Nidula sp.	"Bird's-nest fungus"	Wood
48			Gill	Galerina hypnorum group	See <i>The Fungi CD</i> , Fuhrer 91, McCann p. 23.	Mossy log
49			Pore	Laetiporus portentosus	See <i>The Fungi CD</i> , Fuhrer 406.	Eucalypt trunk
50			Pore	Polyporus ?melanopus	Cap reddish-brown; pores white; stipe black.	Dead wood
51			Gill	Marasmius sp.	Cap small, pinky-white; gills white; stipe horse-hair-like, two-tone – upper light, lower dark; pale yellow mycelium.	Dead twig
52			Gill	Cortinarius alboviolaceus	Cap pale lilac; gills light rusty; light tan spore shadow on one cap. See <i>The Fungi CD</i> , Fuhrer 47.	Soil
53		T	Gill	Mycena viscidocruenta	See <i>The Fungi CD</i> , Fuhrer 213, <i>Fungi Down Under</i> p. 50, McCann p. 55.	Litter
54			Cup	Cheilymenia coprinaria group	See <i>The Fungi CD</i> , Fuhrer 473, McCann p. 115	Dung
55			Gill	Cortinarius sp.	Cap 70 mm, orange; gills orange; stipe light orange-yellow	Soil
56			Pore	Fomitopsis lilacinogilva	See <i>The Fungi CD</i> , Fuhrer 252, McCann p. 78.	Log
57			Gill	Dermocybe sp.	Rusty-orange cap, gills and stipe.	Soil
58			Gill	?Lentinellus sp.	Cap caramel, rough hairy centre; gills pale brown; serrated.	Dead wood

No	S	T	Type	Species	Description	Substrate
59	9		Gill	?Cortinarius sp.	Cap diameter 20 mm, distinctively conic/campanulate shape, orange- brown; gills yellow-brown; stipe 45 x 3 mm, light brown with white mycelium at base, fibrillose, hollow. Spores 11 x 5 $\mu$ m, brown, ornamented.	Soil
60			Disc	Chlorociboria aeruginascens	<b>See <i>The Fungi CD</i>, Fuhrer 306, McCann p. 112, B&amp;S p. 256.</b> Green discs.	Log
61			Gill	Psilocybe subaeruginosa	<b>See <i>The Fungi CD</i>, Fuhrer 247, McCann p. 39.</b> Troops in mulch on gardens near the carpark.	Soil
62	10		Gill	Tricholoma sp.	Cap diameter 47 mm, convex, dark grey, smooth but fibrillose; gills light grey, sinuate; stipe 48 x 12 mm, off-white, smooth but fibrillose, narrows toward base. Two fruit-bodies joined at base. Spores c. 6-7 x 4-4.5 $\mu$ m.	Soil under pines near carpark