

FNCV FUNGAL FORAY – EMERALD LAKE PARK 13th May 2007

The aim of the Fungal Forays is to increase recognition of fungi in the field.

Twelve members, with Park Ranger Richard Kruithof and colleague, enjoyed a beautiful day along the Wishing Well track in stark contrast to the continuous rain of last year. The sight of people kneeling with cameras pointed at the ground prompted a few questions from other walkers which gave us the opportunity to promote the club.

Armillaria luteobubalina was quite widespread on both living and dead trees. This fungus is parasitic and can cause much damage to the host tree. *Cortinarius spp.* were conspicuous by their absence but, in contrast, more *Coprinus spp.* were noted including *C. disseminatus* and *C. truncorum*. The pear-shaped puff-ball *Lycoperdon pyroforme* with its brown warts was found in a cluster on the edge of the path, and nearby a truffle *Richoniella pumila*, a first for the group. Other distinctive species included *Amanita punctata*, distinguished by the large volva at the base of the stem and the pale striate margin on the cap, and *Cyathus aff. striatus*, a bird's nest fungi that grows on wood. The fruit bodies are flared upwards and contain peridoles (commonly called eggs) which are dispersed by falling rain.

A total of 75 species, including 16 Fungimap target species, were found on the day, a good count considering the intermittent rain we have had this year.

Thanks to Bill Leithhead for recording the species found on the foray. A full species list is available from Arthur and Denise Carew.

Arthur and Denise Carew

FNCV FUNGI GROUP FORAY 13th MAY 2007

Emerald Lake Park

Vegetation: Wishing well walk:- Historically this area was developed as a nursery by Swedish nurseryman C.A. Nobelius. The Carpark area and the Wishing Well walk reflect these plantings. Tree and Bracken ferns are common along the creek.

GPS reading at carpark: 37deg.55'47"S 145deg.27'34"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

See Bougher and Syme p.# = *Fungi of Southern Australia* / Neale L. Bougher and Katrina Syme. 1998.

| No | S | T | Type | Species | Description | Substrate |
|-----------|----------|----------|-------------|--|--|-------------------|
| 48 | | | Gill | Agaricus sp. | Very small. Cap scaly, pale brown. Gills free, brown. Stipe has ring. | Soil |
| 61 | | | Gill | Agaricus sp. | Cap 80mm, pale brown, scaly, sturdy, velar remnants. Stipe diam 20mm, skirt-like ring half-way down. | Soil |
| 40 | | | Gill | Alboleptonia sericella (syn Enteloma sericellum) | See Bougher & Syme p.222 Cap dry, white, silky fibrillose. Gills pinkish | Soil |
| 1 | | T | Gill | Amanita muscaria | See Fungi Down Under p.19 | Soil |
| 34 | | | Gill | Amanita punctata | See Fuhrer 14 | Soil |
| 50 | | T | Gill | Amauroderma rude | See Fungi Down Under p.63. Very old. | Soil |
| 6 | | T | Gill | Armillaria luteobubalina | See Fungi Down Under p.23 Very widespead | Live& dead trees |
| 66 | | T | Earthstar | Astraeus hygrometricus | See Fungi Down Under p.86 | Soil, leaf litter |
| 25 | | | Gill | Austropaxillus infundibuliformis | See Fuhrer 275 | Soil under a log |
| 17 | | | Bolete | Bolete sp. | Cap 60mm, slimy, off-white. Pores brown and large. Stipe bruises greenish. Under conifers. | Soil |
| 31 | | | Jelly | Calocera sp. | See Fuhrer 450 | Wood |
| 73 | | T | Slime | Ceratiomyxa fruticulosa | See Fuhrer 536 | Wood |

| No | S | T | Type | Species | Description | Substrate |
|----|---|---|------------|--------------------------------|---|----------------------|
| | | | | mold | | |
| 18 | | | Bolete | Chalciporus piperatus | See Fuhrer 290 | Soil |
| 41 | | | Coral | Clavaria aff amoena | See Fuhrer 302 | Soil and leaf litter |
| 7 | | | Gill | Coprinellus disseminatus | A troop of many specimens. See Fuhrer 40 | Leaf litter |
| 14 | | | Gill | Coprinellus sp.aff Fuhrer 42 | See Fuhrer 42 | Soil |
| 68 | | | Gill | Coprinellus truncorum | See Fuhrer 41 | Wood |
| 71 | | T | Gill | Coprinus comatus | See Fungi Down Under p.26 | Soil |
| 37 | | | Gill | Crepidotus sp. | Cap 12-40mm, brown, furry attachment. Gills brown. | End of log |
| 72 | | | Birds-nest | Cyathus aff striatus | Conical, flaring upwards. 0.5-1 cm high. Outer surface shaggy, dark brown hairs. Inner surface dark striate which lightens with age. Peridoles (eggs) light grey. | Wood |
| 74 | | | Asco | Daldinea concentrica | See Fuhrer 487 | Dead wood |
| 38 | | | Gill | Enteloma sp. | Cap 15mm, bluish-black. Gills whitish. Stipe bluish. | Soil bank |
| 75 | | | Jelly | Exidia glandulosa | See McCann p.91 | Wood |
| 10 | | | Gill | Fistulinella mollis | See Fuhrer 291 | Soil |
| 54 | | | Gill | Flammulina velutipes | See Fuhrer 90 | Dead wood |
| 35 | | | Bracket | Ganoderma australe | See Bougher and Syme p.320 | Living tree |
| 56 | | | Earthstar | Geastrum triplex | See Fuhrer 334 | Soil |
| 36 | | T | Gill | Gymnopilus junonius | See Fungi Down Under p.37 | Living tree |
| 28 | | | Gill | Hemimycena sp. | Cap 9mm, convex, white. Gills slightly decurrent, white with pink tinge. Stipe 20mm, Slightly sweetish mushroom smell. | Soil |
| 30 | | | Gill | Hypholoma aurantiaca | See Fuhrer 135 | Mulch |
| 23 | | | Gill | Hypholoma fasciculare | See Fuhrer 137 | Log |
| 67 | | | Layer | Hypocrea sulphurea | See Fuhrer 497 | Log |
| 13 | | | Gill | Laccaria sp. | Cap 8-16mm, red-brown. Gills widely-spaced, pinkish flesh. | Soil |
| 2 | | | Gill | Lactarius plumbeus | Ugly Milk Cap, under birch tree. See Fuhrer 152 | Soil |
| 45 | | | Pore | Lenzites/Daedalea sp. | Caps and shelves joined together, velvety, fawn, smooth rims. Pores ragged, maze-like, cream to apricot. | Stump |
| 52 | | | Gill | Lepiota sp. | See Fuhrer 160 (described in error as 159) | Soil |
| 20 | | T | Gill | Lepista nuda | Very young under conifer. See Fungi Down Under p.42, Fuhrer 162. | Soil |
| 11 | | | Gill | Leucoagaricus aff. ooliekirrus | See Fuhrer 164 Cap 40-85mm, glutinous, off-white, toasted centre. Stipe scaly, ring. | Soil |
| 21 | | | Puffball | Lycoperdon pyriforme | See Fuhrer 330 | Wood |
| 32 | | | Gill | Macrolepiota clelandii | See Fuhrer 173. Solitary specimens. | Soil |

| No | S | T | Type | Species | Description | Substrate |
|----|---|---|----------|---|---|---------------|
| 51 | | T | Gill | Marasmius elegans | See Fungi Down Under p.44 | Soil |
| 47 | | | Gill | Marasmius sp. | | Soil |
| 9 | | | Gill | Melanoleuca sp. | Cap biscuit-buff, smooth, rubbery, Gills close attached. Stipe solid, slight bulb at base. White mycelium at base. Under birch tree. | Soil |
| 42 | | | Gill | Melanotus hepatochrous | See Fuhrer 185 | End of log |
| 44 | | | Layer | Merulius sp. | Reddish central fertile surface surrounded by white mycelium. | Log |
| 24 | | | Puffball | Morganella subincarnata | Globose puffball with very fine dark spines, no stem. See McCann p.101 | Wood |
| 8 | | | Gill | Mycena austrofilopes | See Fuhrer 190 Widespread | Wood |
| 60 | | T | Gill | Mycena interrupta | See Fungi Down Under p.47 | Log |
| 53 | | | Gill | Mycena mulawaestris | See Fuhrer 205 | Wet log |
| 64 | | T | Gill | Mycena viscidocruenta | See Fungi Down Under p.50 | Forest litter |
| 33 | | | Pustule | Nectria cinnabarina? Coral Spot Fungus | Deep red mass of raspberry balls (pustules), around Hypoxylon sp. | Dead wood |
| 4 | | | Gill | Panaeolus sp. | | Soil |
| 15 | | | Gill | Panaeolus sp. | Cap 20mm, bell-shaped, off-white. Stipe 120mm, long, thin. Gills mottled. Near introduced tree. | Soil |
| 69 | | | Gill | Panaeolus sp. | Cap pale brown, dark zone around edge. Gills mottled. | Wood |
| 57 | | | Gill | Paxillus involutus | See Fuhrer 278 | Soil |
| 65 | | | Gill | Pleurotus ostreatus | Cap blue-grey. Gills white, decurrent. Clustered. | Log |
| 70 | | | Gill | Pluteus atomarginatus | See Fuhrer 241 | Wood |
| 26 | | | Pore | Polypore type | Caps 50-60mm, leathery-spongy but not thin, pale orange, zonate with fine hairs. Pores off-white, very fine. Stipe distinct, lateral. | Log |
| 16 | | | Pore | Postia sp. | Cap 10mm, white, hairy. Pores large, do not stain. | Dead twig |
| 3 | | | Gill | Psathyrella asperospora | See Fuhrer 244 | Soil |
| 27 | | | Gill | Psathyrella echinata | See Fuhrer 245 | Fallen wood |
| 46 | | | Gill | Psathyrella sp. ? | Cap brown velvet. Stipe whitish. Spore print brown. | Dead wood |
| 59 | | | Gill | Rhodocollybia sp. | Cap brown, zoned. Gills pale and close. | Soil |
| 22 | | | Truffle | Richoniella pumila aff | See Fuhrer 368 Off-white, stains brown, interior red-brown, convoluted with tiny columella. Smells like bleach. | Soil |
| 12 | | | Gill | Rickenella fibula | See Fuhrer 250 | Mossy log |
| 58 | | | Gill | Russula iterika (Previously misidentified as Russula viridis) | Cap slight remnant of greenish tinge. Gills forked. | Soil |
| 19 | | | Gill | Russula sp. | Cap dark red. Gills yellow. Stipe thick, white with pink tinge. Near native. | Soil |
| 63 | | T | Gill | Schizophyllum commune | See Fungi Down Under p.57 | End of log |
| 5 | | T | Leather | Stereum hirsutum | Yellow with hairy upper surface See Fungi Down Under p.78 | Log |
| 55 | | T | Leather | Stereum hirsutum group | See Fungi Down Under p.78 | Dead wood |

| No | S | T | Type | Species | Description | Substrate |
|----|---|---|---------|----------------------------|--|------------|
| 39 | | T | Bracket | <i>Stereum ostrea</i> | See Fungi Down Under p.79 | Dead wood |
| 62 | | | Bracket | <i>Trametes</i> sp. | Cap brown, zoned, to paler edge/rim. Pores grey, staining brown. | End of log |
| 29 | | | Pore | <i>Trametes versicolor</i> | See Fuhrer 424 | Log |
| 49 | | T | Gill | <i>Tubaria rufofulva</i> | See Fungi Down Under p.58 | Dead wood |
| 43 | | | Asco | <i>Xylaria hypoxylon</i> | See Fuhrer 534 | Log |