

Flora & Fauna of Mt Gravatt Conservation Reserve – Fungi

Compiled by: Michael Fox

<http://megoutlook.wordpress.com/flora-fauna/>

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Accurate identification of fungi species can be extremely difficult, so tentative identification is used in some cases.

References:

- Queensland Mycological Society (QMS)
- A Field Guide to Australian Fungi – Bruce Fuhrer
- Fungi of Southeast Queensland (SEQ) bioregion – Qld Government Wetlandinfo
- Children’s Health Queensland: Plants and mushrooms (fungi) poisonous to people
 - Category 1: Extremely toxic – known to cause injury, disability, and some cases, death.
 - Category 2: Potentially toxic – depending on level of exposure.
 - Category 3: Irritant to skin or eyes – sap, prickles or stinging hairs.
 - Category 4: Pollen or perfume can cause respiratory problems.

Gilled Fungi	
<p>Basidiomycota <i>Armillaria luteobubalina</i></p> <p>Common in sclerophyll forests – very active parasite spreading underground from infected trees by dark string like rhizomorphs</p>	

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Basidiomycota
Russula persanguinea

Simple Gills
Fleshy texture

Mycorrhizal species (symbiotic with plant roots) found in eucalypt forests.



Basidiomycota
Mycena lampadis
Luminous Mushroom

Bioluminescencet



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Basidiomycota

Mushroom orange
Gilled



Basidiomycota

Mushroom white-brown
Gilled



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Basidiomycota

Mushroom – white-pink/grey



Basidiomycota

Mushroom – white-brown patchy
Gilled

Possibly:
Chlorophyllum molybdites

Check colour underside – gills initially
whitish changing to olive green.

Toxic Category 1: Extremely toxic



Basidiomycota

Mushroom – brown
Gilled



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Basidiomycota

Mushroom – orange/brown
Gilled



Basidiomycota

Bracket – white
Gilled



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Basidiomycota

Funnel – white
Gilled

Possibly:
Omphalotus nidiformis
Ghost fungus

Luminescent at night

Toxic to humans



Coral Fungi

Basidiomycota

Coral White

Ramaria species



Gilled Fungi – Simple Gills

Basidiomycota
Mycena sp

Simple Gills

Possibly:
Parasola plicatilis
Pleated Inkcap

Check underneath



Basidiomycota

Mushroom grey-white
Simple Gills

Probably:
Coprinillus disseminates
Fairy Inkcap



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Basidiomycota

Mushroom red
Simple Gills

Possible species:

- *Mycenra* sp.
- *Hygrocybe* sp.
- *Cruentomyцена* sp.



Basidiomycota

Marasmius sp.

Simple Gills

Tiny pink mushrooms growing through a Craypot fungi.



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Basidiomycota

Mushroom orange
Simple Gills

Possibly:
Marasmius sp.



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Fleshy Pore Fungi

Basidiomycota

Fleshy Pore Fungi

Possibly:
Boletellus group (faded)



Basidiomycota

Fleshy Pore Fungi

Boletellus emodensis
Shaggy Cap

Possibly edible: do not rely on
these photos for identification.



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Basidiomycota

Yellow Fleshy Pore Fungi

Possibly:
Boletellus sinapipes



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<p>Polypore (Word Decay)</p>		
<p>Basidiomycota Polypore (Word Decay) Orange Bracket</p>		
<p>Basidiomycota <i>Pyconporus coccineus</i> Scarlet Bracket Orange Polypore (Word Decay) Possibly edible: do not rely on these photos for identification.</p>		

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Basidiomycota

Polypore (Wood Decay)

Possibly:

- Ganoderma sp.
- Trametes sp.



Basidiomycota

Polypore (Wood Decay)

Possibly:

- Microporous xanthopus*
Yellow-fotted Polypore



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Basidiomycota

Polypore (Word Decay)
Club Fungi

Possibly:
Xylaria sp.



Basidiomycota

Polypore (Word Decay)

Phellinus sp.



Stinkhorn Fungi

Phallaceae
Basidiomycota
Aseroe rubra
Starfish Fungi



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Phallaceae
Basidiomycota
Colus pusillus
Craypot Stinkhorn

Basidiomycetes
Gasteromycetes
Stinkhorns

Reddish arms form basket.

Fungi bursts from a cluster of gelatinous eggs.

Broken arm shows hollow structure and brown faeces/rotten meat smelling coating that attracts flies to disperse spores.



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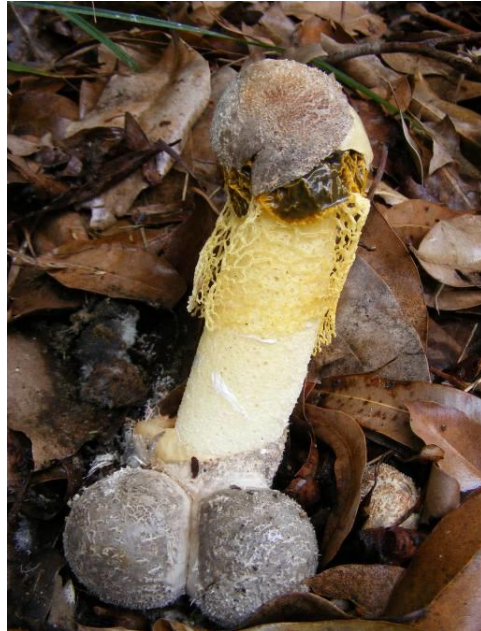
Phallaceae

Basidiomycota

Phallus multicolor

Stinkhorn

Similar to *Phallus indusiatus* which has a white/cream indusium: netlike skirt not the coloured, off-white, yellow or orange skirt of *multicolor*



Phallaceae

Basidiomycota

Phallus rubicundus

Red Stinkhorn

Basidiomycetes

Gasteromycetes

Stinkhorns

Foul smell like sewage – attracts flies and attractive to dogs



Bird's Nest Fungi

Nidulariaceae
Cyathus novaezelandiae
Bird's Nest Fungi

Live on rotting wood and
dung

'Eggs' or peridioles in base
are splashed out by
raindrops.



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<p>Puffballs & Allies</p>	
<p>Basidiomycota ? Puffball</p>	
<p>Basidiomycota Puffball</p>	

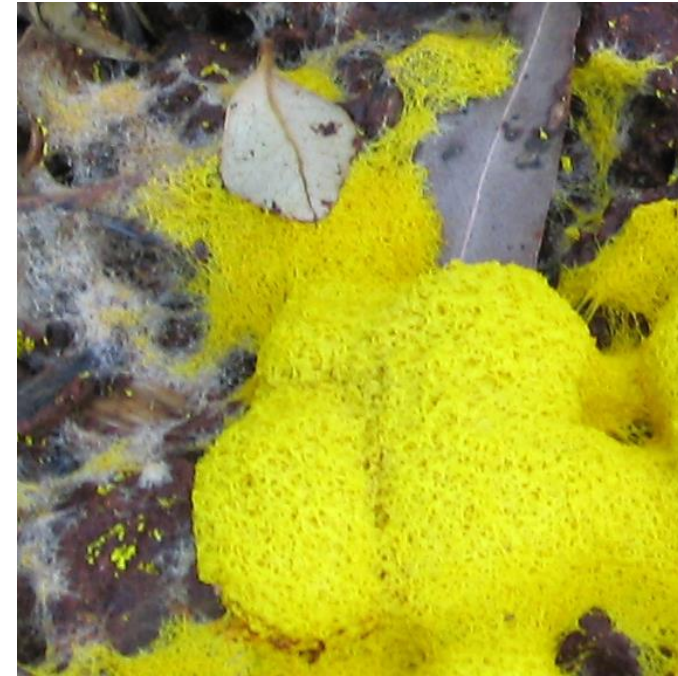
Basidiomycota
Geastrum triplex
Earth Star



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Mold

Physaraceae
Fuligo septica
Dog Vomit Slime Mold



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Lichen

Cladoniaceae
Cladonia floerkeana

Photos: Chris Bamberry

