



Perth  
Urban  
Bushland  
Fungi

## Baldivis Nature Reserve Fungi Report 2004

24 people attended the PUBF Fungi workshop, held at the Baldivis Nature Reserve in the southern Perth suburb of Baldivis on 25<sup>th</sup> July 2004, between 10am-4pm.

The Workshop involved collecting fungi at the Baldivis Nature Reserve in the morning and examining them at the Naragebup Environment Centre in the afternoon. The workshop was organized by PUBF together with the Kwinana/Rockingham/Mandurah Branch of the WA Naturalists' Club.

There were 4 groups for the morning foraging, led by Margaret Langley, Jane Bracken, Jolanda Keeble and Phylis Robertson, Leaders from the PUBF Project.



Workshop participants recording fungi and GPS data at the Baldivis Nature Reserve.



Sorting and learning about the local fungi in the Tomato Lake Lecture Theatre, Naragebup Environment Centre, Rockingham.



Lunchtime at Naragebup.

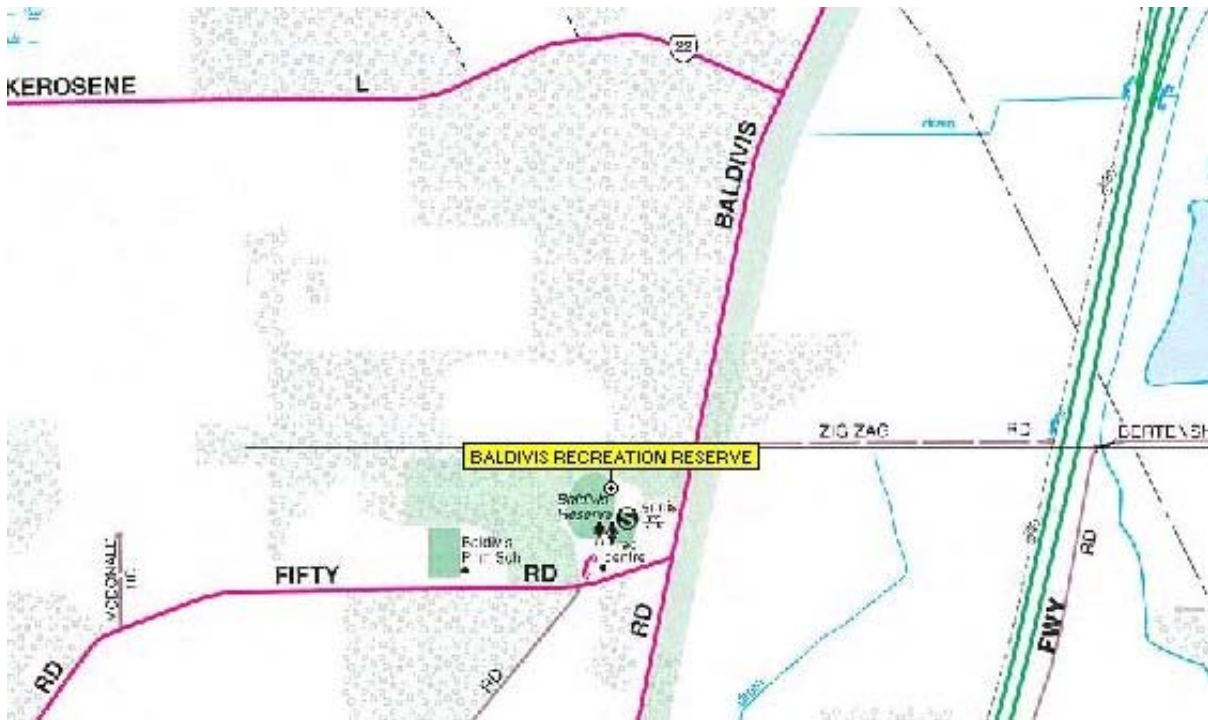


Microscopy and georeferencing in action.

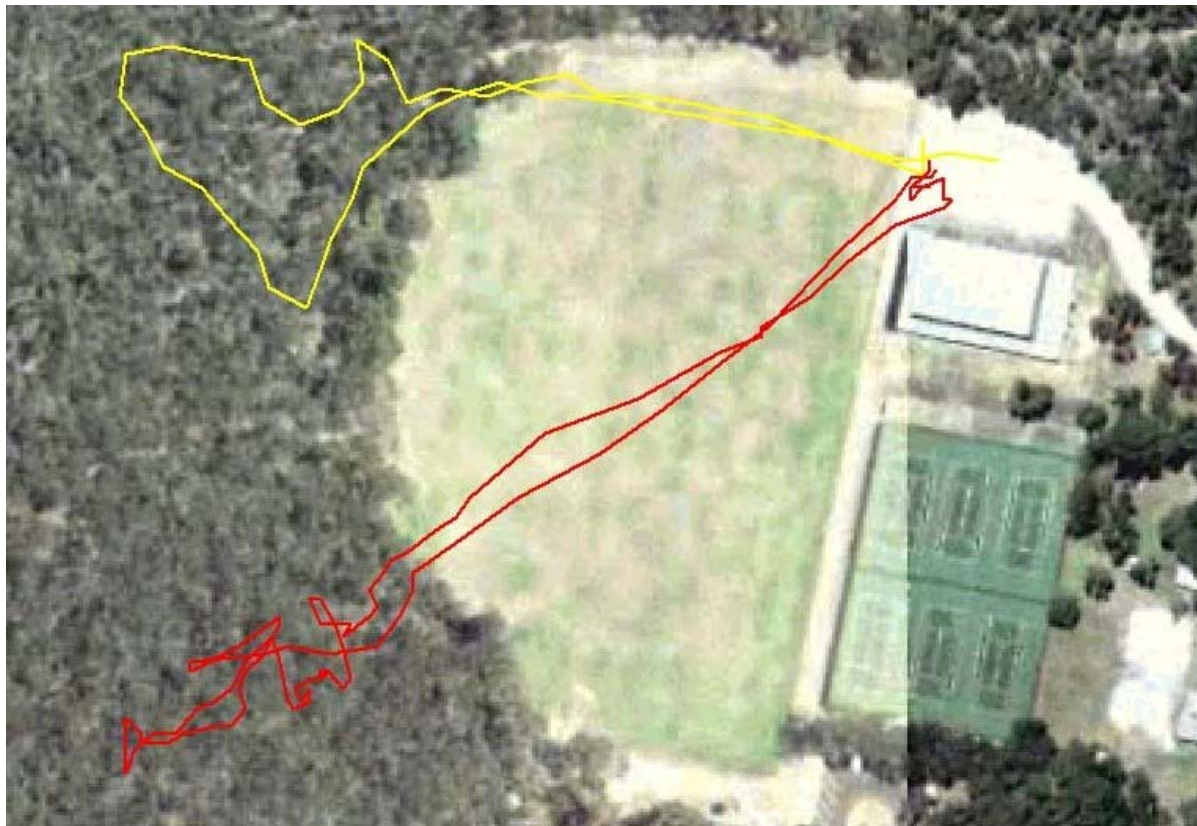
**Recommendation:** This event has allowed us to produce the **first ever inventory of fungi for Baldivis Nature Reserve**. This list represents a very small portion of the fungi which are likely to be present in this reserve. Due to the nature of fungi, which fruit irregularly and intermittently, it will be necessary to conduct many such surveys over different days in the fungi season as well as in successive years to produce an accurate inventory of the fungi present in this valuable urban bush reserve.



**Perth Urban Bushland Fungi Project, Baldivis Nature Reserve Fungi Report, 2004**



StreetExpress map showing the location of Baldivis Nature Reserve in the Baldivis Recreation Reserve.



Aerial photo showing tracks for Margaret Langley's group in yellow and Jolanda Keeble's group in red. Only Jolanda Keeble's group photos and track were able to be georeferenced.

## Perth Urban Bushland Fungi Project, Baldivis Nature Reserve Fungi Report, 2004

### Fungi recorded at Baldivis Nature Reserve for the Baldivis workshop, 25 July 2004

**Notes:** Many fungi beneficial to the health of the plants at Baldivis were observed. One example was the truffle-like fungus *Gymnomyces*, a mycorrhizal fungus. We also observed a disease-causing fungus – *Phellinus* – associated with patches of dead and dying *Banksia* trees in the Baldivis Bushland.

**Fungi names** are provisional only as many of these fungi have not been examined in detail to confirm the names.

**Life Mode Key:** M = Mycorrhizal, S = Saprotrophic (Decomposer). S/P = Saprotrophic and Parasitic.

**Life Mode** is probable only as many fungi have not been tested.

<u>Scientific Name</u>	<u>Common name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>Specimen ID</u>	<u>Voucher #</u>
<i>Aleurina ferruginea</i>	Fleshy cup fungus	cup	litter/ground	S	531	
<i>Aleurina ferruginea</i>	Fleshy cup fungus	cup	litter/ground	S	871	E8089
<i>Ascomycete sp.</i>		cup	litter/ground	S	525	
<i>Ascomycete sp.</i>		cup	litter/ground	S	874	E8108
<i>Calocera guepinioides</i>	Scotsman's beard	jelly fungus	dead wood	S	550	E8086
<i>Clavulina sp.</i>	Coral fungus	coral	litter/ground	M	529	E8087
<i>Crepidotus nephrodes</i>		shell	dead wood	S	507	
<i>Crepidotus sp.</i>		shell	dead wood	S	517	
<i>Crepidotus sp.</i>		shell	dead wood	S	492	
<i>Dacrymyces sp.</i>		jelly fungus	dead wood	S	548	E8099
<i>Dacrymyces sp.</i>		jelly fungus	dead wood	S	509	
<i>Diachea sp.</i>	Slime mould	slime mould	dead wood	S	522	
<i>Entoloma sp.</i>		mushroom	litter/ground	S	535	
<i>Entoloma sp.</i>		mushroom	litter/ground	S	524	
<i>Exidia glandulosa</i>		jelly fungus	dead wood	S	527	
<i>Exidia glandulosa</i>		jelly fungus	dead wood	S	559	
<i>Exidia sp.</i>		jelly fungus	dead wood	S	501	
<i>Fomes sp.</i>		bracket	dead wood	S	552	
<i>Fomitopsis lilacinogilva</i>	Lilac bracket fungus	bracket	dead wood	S	511	
<i>Galerina sp.</i>		mushroom	litter/ground	S	521	
<i>Galerina sp.</i>		mushroom	litter/ground	S	547	
<i>Galerina sp.</i>		mushroom	litter/ground	S	538	
<i>Grandinia sp.</i>		resupinate	dead wood	S	519	
<i>Grandinia sp.</i>		resupinate	dead wood	S	542	E8098
<i>Grandinia sp.</i>		resupinate	dead wood	S	872	E8097
<i>Grandinia sp.</i>		resupinate	dead wood	S	873	E8100
<i>Gymnomyces sp.</i>		truffle	underground	M	870	E8092
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	523	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	546	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	481	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	482	

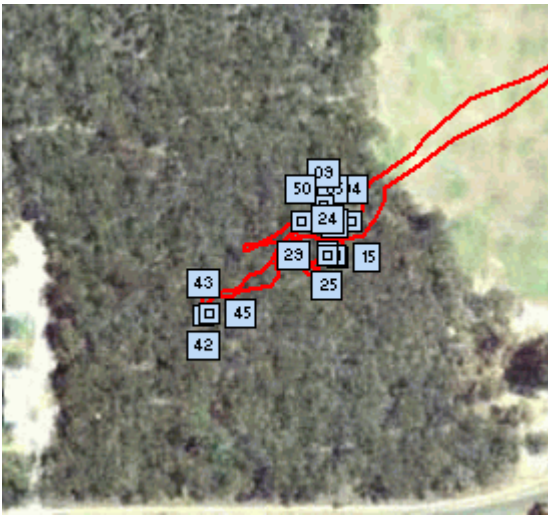
Perth Urban Bushland Fungi Project, Baldvis Nature Reserve Fungi Report, 2004

<u>Scientific Name</u>	<u>Common name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>Specimen ID</u>	<u>Voucher #</u>
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	483	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	484	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	485	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	494	
<i>Gymnopilus perplexus</i>		mushroom	dead wood	S	480	E8088
<i>Gymnopilus sp.</i>		mushroom	dead wood	S	516	
<i>Gymnopilus sp.</i>		mushroom	dead wood	S	503	
<i>Harknessia uromycoides</i>		pustules	dead wood	S	544	E8096
<i>Hymenochaete sp.</i>		resupinate	dead wood	S	541	E8103
<i>Hymenoscyphus sp.</i>	White cup fungus	cup	litter/ground	S	526	
<i>Hymenoscyphus sp.</i>	White cup fungus	cup	litter/ground	S	869	E8091
<i>Laccaria lateritia</i>	Brick red laccaria	mushroom	litter/ground	M	479	
<i>Melanoleuca sp.</i>		mushroom	litter/ground	S	533	E8090
<i>Melanoleuca sp.</i>		mushroom	litter/ground	S	536	E8083
<i>Mycena sp.</i>		mushroom	litter/ground	S	532	
<i>Mycena sp.</i>		mushroom	litter/ground	S	528	
<i>Mycena sp.</i>		mushroom	litter/ground	S	537	
<i>Mycena sp.</i>		mushroom	litter/ground	S	512	
<i>Mycena sp.</i>		mushroom	litter/ground	S	497	
<i>Mycena sp.</i>		mushroom	litter/ground	S	498	
<i>Mycena sp.</i>		mushroom	litter/ground	S	499	
<i>Omphalotus nidiformis</i>	Ghost fungus	mushroom	dead wood	S/P	514	
<i>Peniophora sp.</i>		resupinate	dead wood	S	555	E8105
<i>Phellinus sp.</i>		bracket	dead wood	S	545	E8101
<i>Pleurotus sp.</i>		mushroom	dead wood	S	518	
<i>Pluteus atromarginatus</i>		mushroom	dead wood	S	558	E8085
<i>Pycnoporus coccineus</i>	Scarlet bracket Fungus	bracket	dead wood	S	549	
<i>Resupinate</i>		resupinate	dead wood	S	540	
<i>Rickenella fibula</i>	Orange pins	mushroom	litter/ground	S	520	
<i>Rickenella fibula</i>	Orange pins	mushroom	litter/ground	S	508	E8084
<i>Rickenella sp.</i>		mushroom	litter/ground	S	551	
<i>Schizophyllum commune</i>	Split gill fungus	shell	dead wood	S	543	
<i>Stereum sp.</i>		bracket	dead wood	S	554	E8102
<i>Tremella aurantia</i>	Orange jelly fungus	jelly fungus	dead wood	S	515	
<i>Tremella sp.</i>	Orange jelly fungus	jelly fungus	dead wood	S	539	
<i>Tubaria sp.</i>		mushroom	litter/ground	S	495	
Unknown					534	
Unknown					530	
Unknown					553	
Unknown					556	E8104
Unknown					557	
Unknown					560	
Unknown					561	
Unknown					562	
Unknown					491	
Unknown					486	
Unknown					487	
Unknown					488	

**Perth Urban Bushland Fungi Project, Baldvis Nature Reserve Fungi Report, 2004**

<u>Scientific Name</u>	<u>Common name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>Specimen ID</u>	<u>Voucher #</u>
Unknown					489	
Unknown					493	
Unknown					504	
Unknown					506	
Unknown					510	
Unknown					513	
Unknown					502	
Unknown					505	
Unknown					496	
Unknown					500	
Unknown skin fungus					490	

**Georeferenced Photos and Track for Jolanda Keeble's group at Baldivis Nature Reserve on 25 July 2004**


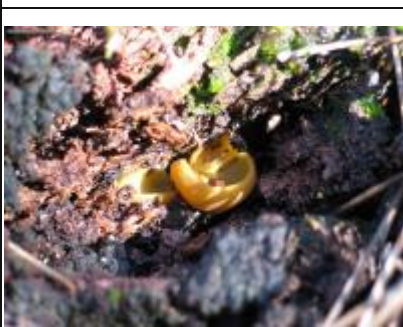



This and the following pages were generated using

OziPhotoTool.

	<p><b>04 <i>Gymnopilus</i> sp.</b></p> <p><b>Photographer Tristan Graham</b></p> <p>Dead tree trunk                  Latitude: -32° 18' 24.70" Longitude: 115° 49' 11.36"                  Date: 25 Jul 2004 opt Image BD17_31TG0004</p>
	<p><b>05 <i>Crepidotus</i> sp.</b></p> <p><b>Photographer Tristan Graham</b></p> <p>On dead tree trunk                  Latitude: -32° 18' 24.70" Longitude: 115° 49' 11.07"                  Date: 25 Jul 2004 opt Image BD17_31TG0005</p>
	<p><b>09 <i>Crepidotus</i> sp.</b></p> <p><b>Photographer Tristan Graham</b></p> <p>On dead sheoak                  Latitude: -32° 18' 24.48" Longitude: 115° 49' 10.93"                  Date: 25 Jul 2004 opt Image BD17_31TG0009</p>

	<p><b>15 <i>Rickenella fibula</i> Orange Pins</b></p> <p><b>Photographer Tristan Graham</b></p> <p>In moss                  Latitude: -32° 18' 25.17" Longitude: 115° 49' 11.14"                  Easting:388889 Northing: 6424924 Zone: 50                  Date: 25 Jul 2004 opt Image BD17_31TG0015</p>
	<p><b>17 <i>Galerina</i> sp.</b></p> <p><b>Photographer Tristan Graham</b></p> <p>On dead wood                  Latitude: -32° 18' 25.13" Longitude: 115° 49' 11.10"                  Date: 25 Jul 2004 opt Image BD17_31TG0017</p>
	<p><b>24 <i>Diachea</i> sp. Slime mould</b></p> <p><b>Photographer Tristan Graham</b></p> <p>Dead <i>Banksia</i>                  Latitude: -32° 18' 25.11" Longitude: 115° 49' 10.99"                  Date: 25 Jul 2004 opt Image BD17_31TG0024</p>
	<p><b>25 <i>Hymenoscyphus</i> sp. White cup fungus</b></p> <p><b>Photographer Tristan Graham</b></p> <p>On <i>Banksia</i> leaf                  Latitude: -32° 18' 25.14" Longitude: 115° 49' 10.99"                  Date: 25 Jul 2004 opt Image BD17_31TG0025</p>
	<p><b>29 <i>Clavulina</i> sp. Coral fungus</b></p> <p><b>Photographer Tristan Graham</b></p> <p>On dead <i>Banksia</i>                  Latitude: -32° 18' 25.15" Longitude: 115° 49' 11.01"                  Date: 25 Jul 2004 opt Image BD17_31TG0029</p>

	<p><b>42 <i>Mycena</i> sp.</b> <b>Photographer Tristan Graham</b> Dead wood Latitude: -32° 18' 25.95" Longitude: 115° 49' 9.12" Date: 25 Jul 2004 opt Image BD17_31TG0042</p>
	<p><b>43 <i>Aleurina ferruginea</i> Fleshy Cup Fungus</b> <b>Photographer Tristan Graham</b> On dead <i>Banksia</i> bark Latitude: -32° 18' 25.95" Longitude: 115° 49' 9.12" Date: 25 Jul 2004 opt Image BD17_31TG0042</p>
	<p><b>50 Unknown sp.</b> <b>Photographer Tristan Graham</b> On dead sheoak Latitude: -32° 18' 24.70" Longitude: 115° 49' 10.60" Date: 25 Jul 2004 opt Image BD17_31TG0050</p>

This page was generated by [OziPhotoTool](#)