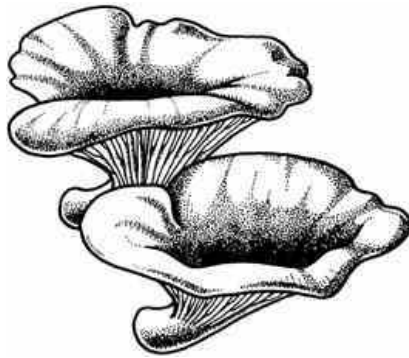


Perth
Urban
Bushland
Fungi



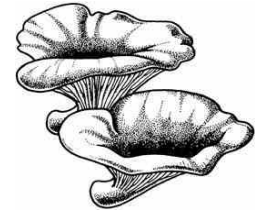
www.fungiperth.org.au

PUBF Fungi Survey for CALM Regional Parks Community Grant 2005.

Acourt Rd bush Jandakot Regional Park



Aerial photos reproduced with permission of DLI 13/2005, OziExplorer and OziPhotoTool were used to produce the track and linked fungi photos.



Introduction

This report compiles PUBF fungi survey data collected for Acourt Rd bush in the Jandakot CALM Regional Park in the Perth region in July 2005. A list of fungi recorded, fungi vouchered, and a dossier of fungi photos has been produced as a permanent record of this PUBF Fungi survey.

Perth Urban Bushland Fungi (PUBF) is a collaborative project begun in 2004 between the Urban Bushland Council and the WA Naturalists' Club in conjunction with the WA Herbarium, with financial support from Lotterywest. Over the previous 10 years, several well attended fungi forays and workshops had been held in urban bushlands of Perth. These events highlighted growing requests by community and professional land managers to address the generally low level of awareness and knowledge about fungi and their general exclusion from bushland management. PUBF addresses this gap and exists to improve awareness and knowledge so that fungi become an integral part of long-term urban bushland management.

Perth's urban bushlands lie within one of the world's 34 terrestrial biodiversity hotspots for conservation priority. This region is the only hotspot in Australia. The bushlands are an important natural refuge for many fungi. The fungi underpin the long-term health and resilience of the bushlands. Knowledge of the fungi and other organisms that help keep the region's plants healthy is essential for effective conservation management of this hotspot region.

For the fungi surveys conducted in 2004 and 2005, PUBF utilised community assistance to survey and collect fungi from a wide range of vegetation and soil types within the coastal plain area of the Perth Metropolitan Region, the area covered by the Bush Forever Report.

**The community assisted in building inventories of fungi for Perth bushlands.
In most cases it was the first time fungi had been surveyed.**

Eight fungi specimens from this bushland have been lodged for permanent curation at the CALM WA Herbarium as a part of the basis for key scientific studies about the identity, distribution and ecology of Perth's urban bushland fungi.

For further information about PUBF see the website at www.fungiperth.org.au

Written and produced by Neale L. Bougher, Roz Hart and John Weaver
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List of Fungi found at Acourt Road Bushland

<u>Genus</u>	<u>Species</u>	<u>Voucher #</u>	<u>Family</u>	<u>ID#</u>
Amanita	sp.		Amanitaceae	1006
Calocera	guepinioides		Dacrymycetaceae	980
Clitocybe	semiocculta		Tricholomataceae	1010
Clitocybe	sp.		Tricholomataceae	1008
Conocybe	sp.		Bolbitiaceae	968
Crepidotus	eucalyptorum		Crepidotaceae	1014
Crepidotus	sp.		Crepidotaceae	1013
Crepidotus	sphaerosporus		Crepidotaceae	1015
Dacrymyces	sp.		Dacrymycetaceae	979
Dermocybe	sp.	E8258	Cortinariaceae	993
Dermocybe	sp.		Cortinariaceae	989
Descolea	maculata	E8259	Cortinariaceae	1002
Entoloma	sp.		Entolomataceae	1003
Exidia	sp.		Exidiaceae	978
Galerina	sp.		Cortinariaceae	1005
Grandinia	sp.		Corticaceae	966
Gymnopilus	allantopus		Cortinariaceae	962
Gymnopilus	purpuratus		Cortinariaceae	985
Gymnopilus	purpuratus		Cortinariaceae	969
Gymnopilus	sp.		Cortinariaceae	975
Henningsomyces	candidus	E8264	Schizophyllaceae	992
Hygrocybe	conica	E8261	Hygrophoraceae	1000
Hypocrea	sp.		Hypocreaceae	981
Inocybe	sp.	E8260	Cortinariaceae	994
Laccaria	lateritia		Tricholomataceae	965
Laccaria	sp.		Tricholomataceae	1001
Laccaria	sp.		Tricholomataceae	999
Marasmius	sp.		Marasmiaceae	1007
Megalocystidium	sp.	E8263	Gloeocystidellaceae	997
Mycena	sp.		Tricholomataceae	964
Mycena	sp.		Tricholomataceae	982
Mycena	sp.		Tricholomataceae	988
Mycena	sp.		Tricholomataceae	990
Mycena	sp.		Tricholomataceae	1004
Myxomycete	sp.		Unknown	986
Pisolithus	sp.		Sclerodermataceae	991
Pluteus	sp.		Pluteaceae	983
Poria	sp.		Polyporaceae	996
Poria	sp.		Polyporaceae	967
Poronia	erici		Xylariaceae	977
Psathyrella	sp.		Coprinaceae	998
Pycnoporus	coccineus		Coriolaceae	963
Ramaria	gracilis		Ramariaceae	1009
Ramaria	sp.		Ramariaceae	976
Resupinatus	sp.		Tricholomataceae	1012
Scleroderma	cepa		Sclerodermataceae	984
Tomentella	sp.	E8262	Thelephoraceae	995
Undetermined Agaric	sp.		Agaricaceae	1011
Undetermined Resupinate	sp.	E8265	Unknown	971
Undetermined Resupinate	sp.		Unknown	987
Undetermined Resupinate	sp.		Unknown	970

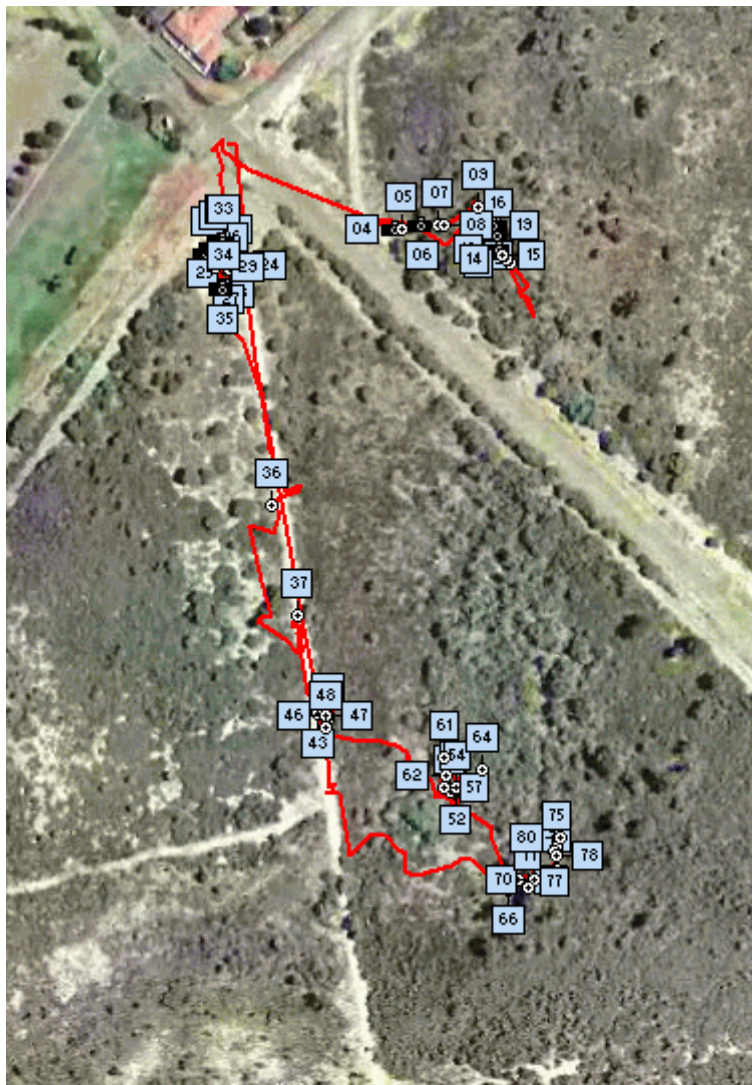
**Georeferenced track and fungi photos for 2005 CALM Regional Parks
Fungi survey, Acourt Rd bush, Banyup,**

Jandakot Regional Park.

Fungi survey conducted from 9:00-12:30 on 5 July 2004.






Map of route followed – first on the NE side of Acourt Rd, Banyup, then in the SW bushland, with sites of the fungi photos numbered as in the following pages;

Acourt Road Bush








Aerial photos reproduced with permission of DLI 13/2005, OziExplorer and OziPhotoTool were used to produce the track and linked fungi photos.






PUBF Regional Parks Fungi Survey Reports 2005

	<p>04 <i>Gymnopilus allantopus</i> Golden wood fungus</p> <p>On dead paperbark Latitude: -32° 6' 10.72" Longitude: 115° 54' 4.61" Easting:396333 Northing: 6447621 Zone: 50 Date: 05 Jul 2005 09:08am</p>
	<p>05 <i>Pycnoporus coccineus</i> Scarlet bracket fungus</p> <p>On dead paperbark Latitude: -32° 6' 10.74" Longitude: 115° 54' 4.68" Easting:396335 Northing: 6447620 Zone: 50 Date: 05 Jul 2005</p>
	<p>06 <i>Mycena</i> sp. 1</p> <p>On dead paperbark Latitude: -32° 6' 10.69" Longitude: 115° 54' 4.99" Easting:396343 Northing: 6447622 Zone: 50 Date: 05 Jul 2005</p>
	<p>07 <i>Laccaria lateritia</i> Brick red laccaria</p> <p>In leaf litter Latitude: -32° 6' 10.69" Longitude: 115° 54' 5.22" Easting:396349 Northing: 6447622 Zone: 50 Date: 05 Jul 2005</p>
	<p>08 <i>Grandinia</i> sp. Skin fungus</p> <p>On dead paperbark Latitude: -32° 6' 10.69" Longitude: 115° 54' 5.34" Easting:396352 Northing: 6447622 Zone: 50 Date: 05 Jul 2005</p>






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	<p>09 <i>Poria</i> sp. Skin fungus</p> <p>On dead paperbark Latitude: -32° 6' 10.45" Longitude: 115° 54' 5.85" Easting:396365 Northing: 6447630 Zone: 50 Date: 05 Jul 2005</p>
	<p>10 <i>Conocybe</i> sp.</p> <p>In leaf litter Latitude: -32° 6' 11.01" Longitude: 115° 54' 6.19" Easting:396374 Northing: 6447613 Zone: 50 Date: 05 Jul 2005</p>
	<p>13 <i>Gymnopilus purpuratus</i></p> <p>On dead paperbark Latitude: -32° 6' 11.19" Longitude: 115° 54' 6.32" Easting:396378 Northing: 6447607 Zone: 50 Date: 05 Jul 2005</p>
	<p>14 Unknown resupinate</p> <p>On dead paperbark Latitude: -32° 6' 11.14" Longitude: 115° 54' 6.27" Easting:396377 Northing: 6447609 Zone: 50 Date: 05 Jul 2005</p>
	<p>15 Unknown resupinate</p> <p>On dead paperbark Latitude: -32° 6' 11.08" Longitude: 115° 54' 6.22" Easting:396375 Northing: 6447610 Zone: 50 Date: 05 Jul 2005</p> <p>Vouchered into WA Herbarium #E8265</p>






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	<p>16 <i>Gymnopilus</i> sp.</p> <p>On dead paperbark Latitude: -32° 6' 10.82" Longitude: 115° 54' 6.16" Easting:396374 Northing: 6447619 Zone: 50 Date: 05 Jul 2005</p>
	<p>18 <i>Ramaria</i> sp.</p> <p>In litter Latitude: -32° 6' 10.69" Longitude: 115° 54' 6.16" Easting:396373 Northing: 6447622 Zone: 50 Date: 05 Jul 2005</p>
	<p>19 <i>Poronia oedipus</i></p> <p>On old kangaroo dung Latitude: -32° 6' 10.69" Longitude: 115° 54' 6.10" Easting:396372 Northing: 6447622 Zone: 50 Date: 05 Jul 2005</p>
	<p>22 <i>Exidia</i> sp. Jelly fungus</p> <p>On dead log Latitude: -32° 6' 11.13" Longitude: 115° 54' 2.16" Easting:396269 Northing: 6447608 Zone: 50 Date: 05 Jul 2005</p>
	<p>23 <i>Dacromyces</i> sp. Jelly bells</p> <p>On dead log Latitude: -32° 6' 11.15" Longitude: 115° 54' 2.18" Easting:396269 Northing: 6447607 Zone: 50 Date: 05 Jul 2005</p>






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	<p>24 <i>Calocera guepinoides</i> Scotsman's beard</p> <p>On dead log Latitude: -32° 6' 11.16" Longitude: 115° 54' 2.20" Easting:396270 Northing: 6447607 Zone: 50 Date: 05 Jul 2005</p>
	<p>25 <i>Hypocrea</i> sp.</p> <p>On dead log Latitude: -32° 6' 11.28" Longitude: 115° 54' 2.16" Easting:396269 Northing: 6447603 Zone: 50 Date: 05 Jul 2005</p>
	<p>26 <i>Mycena</i> sp.</p> <p>In moss Latitude: -32° 6' 11.23" Longitude: 115° 54' 2.10" Easting:396267 Northing: 6447605 Zone: 50 Date: 05 Jul 2005</p>
	<p>27 <i>Pluteus</i> sp.</p> <p>On dead log Latitude: -32° 6' 11.23" Longitude: 115° 54' 2.07" Easting:396267 Northing: 6447605 Zone: 50 Date: 05 Jul 2005</p>
	<p>29 <i>Scleroderma cepa</i></p> <p>In soil Latitude: -32° 6' 11.19" Longitude: 115° 54' 1.85" Easting:396261 Northing: 6447606 Zone: 50 Date: 05 Jul 2005</p>






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	<p>30 <i>Gymnopilus purpuratus</i></p> <p>On dead paperbark Latitude: -32° 6' 11.02" Longitude: 115° 54' 1.73" Easting:396258 Northing: 6447611 Zone: 50 Date: 05 Jul 2005</p>
	<p>31 Slime mould</p> <p>On dead paperbark Latitude: -32° 6' 10.94" Longitude: 115° 54' 1.82" Easting:396260 Northing: 6447613 Zone: 50 Date: 05 Jul 2005</p>
	<p>32 Granular skin fungus</p> <p>On dead paperbark Latitude: -32° 6' 10.87" Longitude: 115° 54' 1.94" Easting:396263 Northing: 6447616 Zone: 50 Date: 05 Jul 2005</p>
	<p>33 <i>Mycena</i> sp. 1</p> <p>On dead paperbark Latitude: -32° 6' 10.87" Longitude: 115° 54' 1.97" Easting:396264 Northing: 6447616 Zone: 50 Date: 05 Jul 2005</p>
	<p>34 <i>Dermocybe</i> sp.</p> <p>In litter under small paperbark Latitude: -32° 6' 11.46" Longitude: 115° 54' 1.98" Easting:396264 Northing: 6447598 Zone: 50 Date: 05 Jul 2005</p>






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	<p>35 <i>Mycena</i> sp. 2</p> <p>In litter under small paperbark Latitude: -32° 6' 11.47" Longitude: 115° 54' 1.98" Easting:396264 Northing: 6447597 Zone: 50 Date: 05 Jul 2005</p>
	<p>36 <i>Pisolithus</i> sp.</p> <p>In soil Latitude: -32° 6' 14.30" Longitude: 115° 54' 2.66" Easting:396283 Northing: 6447510 Zone: 50 Date: 05 Jul 2005</p>
	<p>37 <i>Henningsomyces candidus</i> Miniature chimney pots</p> <p>On dead paperbark wood Latitude: -32° 6' 15.73" Longitude: 115° 54' 3.06" Easting:396294 Northing: 6447466 Zone: 50 Date: 05 Jul 2005</p> <p>Vouchered into WA Herbarium #E8264</p>
	<p>39 <i>Dermocybe</i> sp.</p> <p>In soil under <i>Kunzea glabrescens</i> and <i>Astartea aff. fascicularis</i> Latitude: -32° 6' 17.07" Longitude: 115° 54' 3.49" Easting:396306 Northing: 6447425 Zone: 50 Date: 05 Jul 2005</p> <p>Vouchered into WA Herbarium #E8258</p>
	<p>43 <i>Inocybe</i> sp.</p> <p>In soil under <i>Kunzea glabrescens</i> and <i>Astartea aff. fascicularis</i> Latitude: -32° 6' 16.98" Longitude: 115° 54' 3.35" Easting:396302 Northing: 6447428 Zone: 50 Date: 05 Jul 2005</p> <p>Vouchered into WA Herbarium #E8260</p>






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	<p>46 <i>Tomentella</i> sp.</p> <p>On dead paperbark wood Latitude: -32° 6' 17.03" Longitude: 115° 54' 3.49" Easting:396306 Northing: 6447427 Zone: 50 Date: 05 Jul 2005</p> <p>Vouchered into WA Herbarium #E8262</p>
	<p>47 <i>Poria</i> sp. Skin fungus</p> <p>On dead paperbark wood Latitude: -32° 6' 17.03" Longitude: 115° 54' 3.46" Easting:396305 Northing: 6447427 Zone: 50 Date: 05 Jul 2005</p>
	<p>48 <i>Megalocystidium</i> sp. Skin fungus</p> <p>On dead paperbark wood Latitude: -32° 6' 17.18" Longitude: 115° 54' 3.46" Easting:396305 Northing: 6447422 Zone: 50 Date: 05 Jul 2005</p> <p>Vouchered into WA Herbarium #E8263</p>
	<p>49 <i>Psathyrella</i> sp.</p> <p>In soil Latitude: -32° 6' 18.04" Longitude: 115° 54' 5.36" Easting:396355 Northing: 6447396 Zone: 50 Date: 05 Jul 2005</p>
	<p>50 <i>Laccaria</i> sp. 1</p> <p>In soil Latitude: -32° 6' 18.04" Longitude: 115° 54' 5.34" Easting:396354 Northing: 6447396 Zone: 50 Date: 05 Jul 2005</p>






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	<p>52 <i>Hygrocybe conica</i> Waxcap</p> <p>Latitude: -32° 6' 18.01" Longitude: 115° 54' 5.44" Easting:396357 Northing: 6447397 Zone: 50 Date: 05 Jul 2005</p> <p>Vouchered into WA Herbarium #E8261</p>
	<p>54 <i>Laccaria</i> sp. 2</p> <p>In soil</p> <p>Latitude: -32° 6' 17.97" Longitude: 115° 54' 5.44" Easting:396357 Northing: 6447398 Zone: 50 Date: 05 Jul 2005</p>
	<p>57 <i>Descolea maculata</i></p> <p>In soil at base of live Melaleuca</p> <p>Latitude: -32° 6' 17.96" Longitude: 115° 54' 5.26" Easting:396352 Northing: 6447398 Zone: 50 Date: 05 Jul 2005</p> <p>Vouchered into WA Herbarium #E8259</p>
	<p>61 <i>Mycena</i> sp. 3</p> <p>On wood</p> <p>Latitude: -32° 6' 17.58" Longitude: 115° 54' 5.26" Easting:396352 Northing: 6447410 Zone: 50 Date: 05 Jul 2005</p>
	<p>62 <i>Entoloma</i> sp.</p> <p>In soil under paperbark</p> <p>Latitude: -32° 6' 17.82" Longitude: 115° 54' 5.29" Easting:396353 Northing: 6447403 Zone: 50 Date: 05 Jul 2005</p>

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	<p>64 <i>Amanita</i> sp.</p> <p>In soil under paperbark Latitude: -32° 6' 17.75" Longitude: 115° 54' 5.83" Easting:396367 Northing: 6447405 Zone: 50 Date: 05 Jul 2005</p>
	<p>66 <i>Marasmius</i> sp.</p> <p>On eucalyptus leaf Latitude: -32° 6' 19.30" Longitude: 115° 54' 6.23" Easting:396378 Northing: 6447357 Zone: 50 Date: 05 Jul 2005</p>
	<p>69 <i>Clitocybe</i> sp.</p> <p>On rabbit diggings Latitude: -32° 6' 19.18" Longitude: 115° 54' 6.37" Easting:396382 Northing: 6447361 Zone: 50 Date: 05 Jul 2005</p>
	<p>70 <i>Ramaria gracilis</i> Coral fungus</p> <p>In soil/leaf litter Latitude: -32° 6' 19.17" Longitude: 115° 54' 6.62" Easting:396388 Northing: 6447362 Zone: 50 Date: 05 Jul 2005</p>
	<p>71 <i>Clitocybe semioculta</i> Shy funnel cap</p> <p>On <i>Eucalyptus rudis</i> bark Latitude: -32° 6' 19.27" Longitude: 115° 54' 6.53" Easting:396386 Northing: 6447358 Zone: 50 Date: 05 Jul 2005</p>

PUBF Regional Parks Fungi Survey Reports 2005

	<p>73 Unknown Agaric</p> <p>On <i>Eucalyptus rudis</i> bark Latitude: -32° 6' 19.04" Longitude: 115° 54' 6.94" Easting:396397 Northing: 6447365 Zone: 50 Date: 05 Jul 2005</p>
	<p>75 <i>Resupinatus</i> sp.</p> <p>On <i>Eucalyptus rudis</i> bark Latitude: -32° 6' 18.77" Longitude: 115° 54' 6.97" Easting:396397 Northing: 6447374 Zone: 50 Date: 05 Jul 2005</p>
	<p>77 <i>Crepidotus</i> sp.</p> <p>On <i>Eucalyptus rudis</i> bark Latitude: -32° 6' 18.83" Longitude: 115° 54' 6.91" Easting:396396 Northing: 6447372 Zone: 50 Date: 05 Jul 2005</p>
	<p>78 <i>Crepidotus eucalyptorum</i></p> <p>On <i>Eucalyptus rudis</i> bark Latitude: -32° 6' 18.86" Longitude: 115° 54' 6.94" Easting:396397 Northing: 6447371 Zone: 50 Date: 05 Jul 2005</p>
	<p>80 <i>Crepidotus sphaerosporus</i></p> <p>On twig Latitude: -32° 6' 18.64" Longitude: 115° 54' 7.03" Easting:396399 Northing: 6447378 Zone: 50 Date: 05 Jul 2005 11:23am</p>