



Perth
Urban
Bushland
Fungi

Talbot Reserve Fungi Report 2004

35 people attended the PUBF Fungi workshop at Talbot Rd Reserve on 11 July 2004, held between 10am-4pm.

The workshop was organized together with the Friends of Talbot Rd Reserve. There were 5 groups for the foraging, led by Mark Brundrett, Karen Clarke, Kevn Griffiths, Kirsten Tullis and Jason Young, Leaders from the PUBF Project.



Examining a fungus with a 10X lens



Examining fungi in the Talbot Reserve



Recording fungi data in the field



Learning about the fungi collected

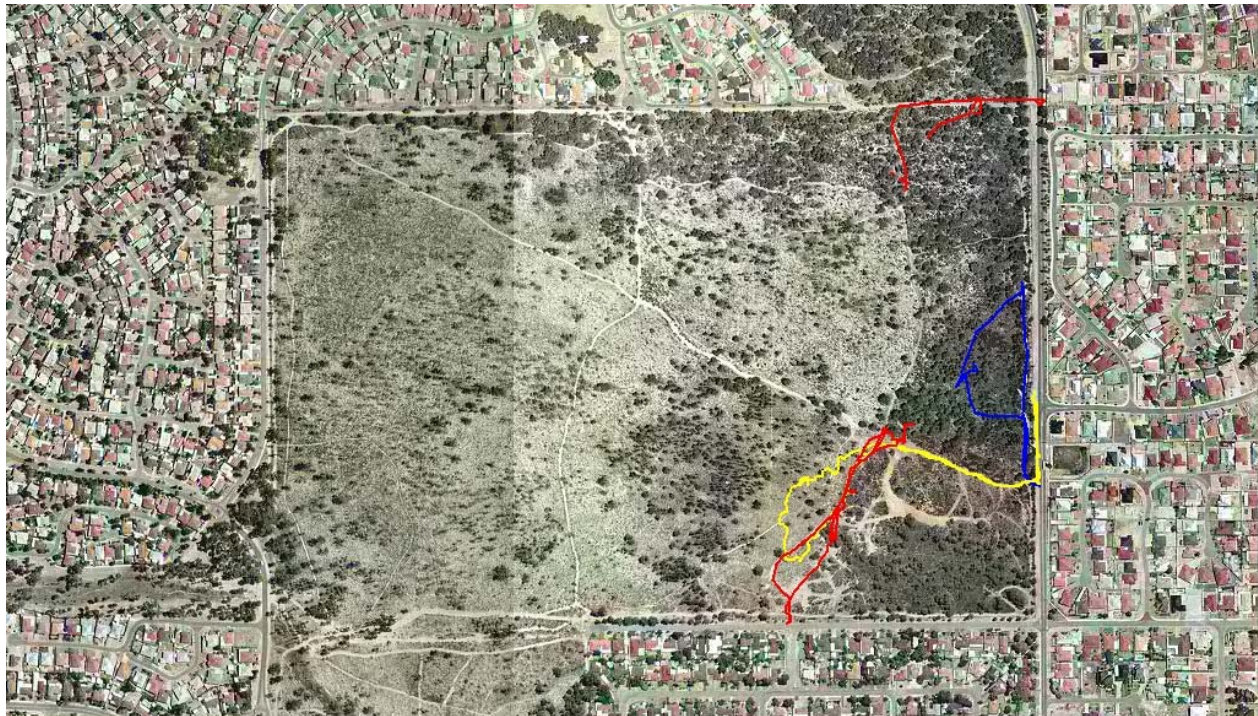
Recommendation: This event has allowed us to produce the **first ever inventory of fungi for Talbot Rd Reserve.** This list represents a very small portion of the fungi which are likely to be present in this reserve. Due to the nature of fungi, which fruit irregularly and intermittently, it will be necessary 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.



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StreetExpress Map showing the location of Talbot Rd Reserve in Stratton



Aerial photo showing the tracks for four of the foray groups. Mark Brundrett's group in red at the top, Kirsten Tullis's group in yellow, Kevin Griffiths's group in red at the bottom and Jason Young's group in blue. The other group did not produce a usable GPS track.

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Talbot Rd Reserve (TRR22) Fungi List , 11 July 2004

Of special interest: Some brightly coloured mycorrhizal fungi were observed. These mycorrhizal fungi are beneficial partners of plants such as eucalypts and sheoaks in the reserve. This includes vivid purple *Cortinarius subarcheri* which was collected and lodged in the WA Herbarium. This fungus is rarely seen in Perth's urban bushlands.

Notes: 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>ID #</u>	<u>Voucher #</u>
<i>Agaricus sp.</i>		mushroom	litter/ground	S	693	
<i>Agaricus sp.</i>		mushroom	litter/ground	S	707	
<i>Amanita xanthocephala</i>	Yellow headed Amanita	mushroom	litter/ground	M	694	
<i>Amanita xanthocephala</i>	Yellow headed Amanita	mushroom	litter/ground	M	724	
<i>Amanita umbrinella</i>		mushroom	litter/ground	M	747	E8056
<i>Ascomycete sp.</i>		cup	litter/ground	S	711	
<i>Boletellus obscurecoccineus</i>	Rhubarb bolete	mushroom	litter/ground	M	677	E8058
<i>Clavulina cf. cristata</i>		coral	litter/ground	M	686	E8057
<i>Clavulina sp.</i>		coral	litter/ground	M	689	
<i>Clavulina sp.</i>		coral	litter/ground	M	697	
<i>Clavulina sp.</i>		coral	litter/ground	M	696	
<i>Clavulina sp.</i>		coral	litter/ground	M	740	
<i>Clitocybe sp.</i>		mushroom	litter/ground	S	679	
<i>Coltricia cinnamomea</i>		mushroom	litter/ground	S	700	E8062
<i>Coltricia cinnamomea</i>		mushroom	litter/ground	S	712	
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	685	
<i>Cortinarius subarcheri</i>	Archer's cortinar	mushroom	litter/ground	M	683	E8059
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	670	
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	688	
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	728	
<i>Crepidotus nephrodes</i>		shell	dead wood	S	730	
<i>Dacrymyces sp.</i>		jelly fungus	dead wood	S	674	
<i>Endogone sp.</i>		truffle	underground	M	671	E8061
<i>Entoloma sp.</i>		mushroom	litter/ground	S	702	
<i>Exidia sp.</i>		jelly fungus	dead wood	S	745	
<i>Fomitopsis lilacinogilva</i>	Lilac bracket fungus	bracket	dead wood	S	725	
<i>Gymnopilus sp.</i>		mushroom	dead wood	S	716	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	715	
<i>Inocybe cf. australiensis</i>		mushroom	litter/ground	M	681	
<i>Inocybe cf. australiensis</i>		mushroom	litter/ground	M	684	E8060
<i>Inocybe sp.</i>		mushroom	litter/ground	M	699	
<i>Inocybe sp.</i>		mushroom	litter/ground	M	701	

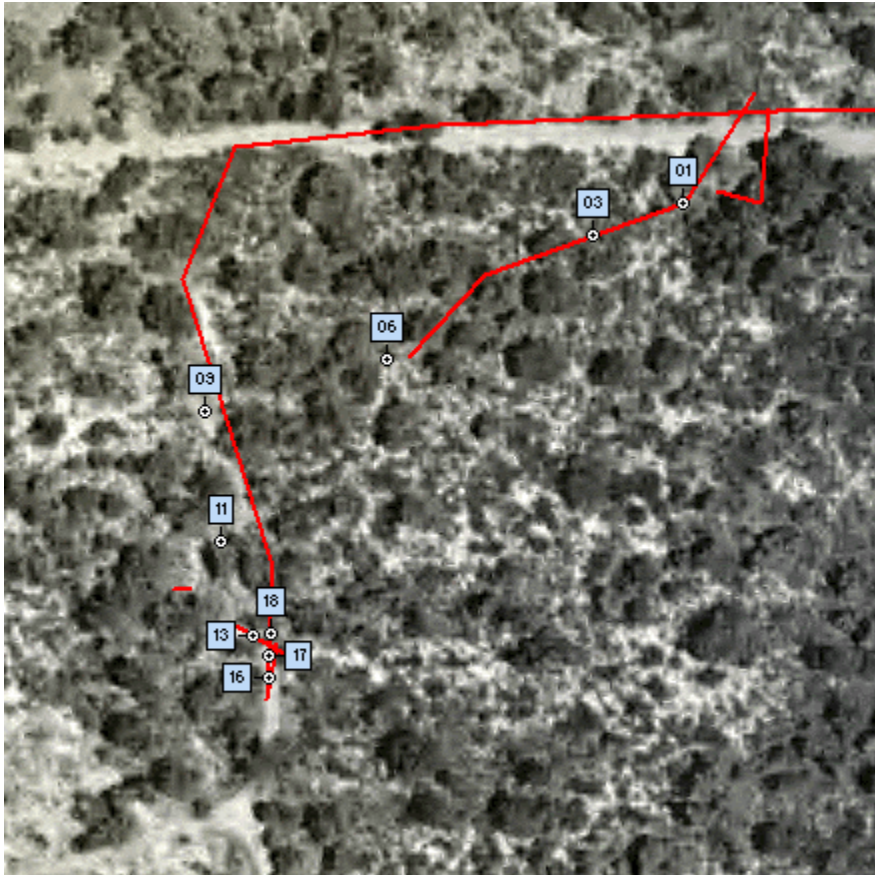
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<u>Scientific Name</u>	<u>Common name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>ID #</u>	<u>Voucher #</u>
<i>Inocybe</i> sp.		mushroom	litter/ground	M	705	
<i>Laccaria</i> sp.		mushroom	litter/ground	M	695	
<i>Laccaria lateritia</i>	Red brick laccaria	mushroom	litter/ground	M	704	
<i>Laccaria lateritia</i>	Red brick laccaria	mushroom	litter/ground	M	710	
<i>Laccaria lateritia</i>	Red brick laccaria	mushroom	litter/ground	M	727	
<i>Laccaria lateritia</i>	Red brick laccaria	mushroom	litter/ground	M	748	
<i>Leptonia</i> sp.		mushroom	litter/ground	S	703	
<i>Marasmius</i> sp.		mushroom	litter/ground	S	666	
<i>Marasmius</i> sp.		mushroom	litter/ground	S	723	
<i>Mycena sanguinolenta</i>		mushroom	litter/ground	S	668	
<i>Mycena</i> sp.		mushroom	litter/ground	S	691	
<i>Mycena</i> sp.		mushroom	litter/ground	S	721	
<i>Mycena</i> sp.		mushroom	litter/ground	S	719	
<i>Myxomycete</i> sp.		slime	dead wood	S	718	
<i>Myxomycete</i> sp.		slime	dead wood	S	733	
<i>Omphalotus nidiformis</i>	Ghost fungus	mushroom	dead wood	S/P	742	
<i>Peniophora</i> sp.		resupinate	dead wood	S	722	
<i>Peniophora</i> sp.		resupinate	dead wood	S	736	
<i>Perenniporia</i> sp.		resupinate	dead wood	S	698	
<i>Pholiota</i> sp.		mushroom	dead wood	S	690	
<i>Phylloporus</i> sp.		mushroom	litter/ground	M	680	
<i>Pisolithus</i> sp.	Dog poo fungus	puffball	litter/ground	M	713	
<i>Pisolithus</i> sp.	Dog poo fungus	puffball	litter/ground	M	741	
<i>Plectania</i> sp.		cup	litter/ground	S	717	
<i>Psathyrella</i> sp.		mushroom	litter/ground	S	669	
<i>Pycnoporus coccineus</i>	Scarlet bracket fungus	bracket	dead wood	S	708	
<i>Pycnoporus coccineus</i>	Scarlet bracket fungus	bracket	dead wood	S	714	
<i>Resupinatus</i> sp.		shell	dead wood	S	678	
<i>Resupinatus</i> sp.		shell	dead wood	S	735	
<i>Schizopora</i> sp.		resupinate	dead wood	S	672	
<i>Tremella aurantia</i>	Orange jelly fungus	jelly fungus	dead wood	S	687	
<i>Tremella aurantia</i>	Orange jelly fungus	jelly fungus	dead wood	S	726	
<i>Tubaria</i> sp.		mushroom	litter/ground	S	709	
<i>Tubulicrinis</i> sp.		resupinate	dead wood	S	673	
Unknown					682	
Unknown					675	
Unknown					676	
Unknown					667	
Unknown					692	
Unknown					706	
Unknown					720	
Unknown					731	
Unknown					732	
Unknown					734	
Unknown					737	
Unknown					739	

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<u>Scientific Name</u>	<u>Common name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>ID #</u>	<u>Voucher #</u>
Unknown					743	
Unknown					744	
Unknown					746	
Unknown					738	
Unknown					729	
White Sclerotia					856	

Georeferenced Photos and Track from Mark Brundrett's group at the Talbot Rd workshop, 11 July, 2004



01 Sterile Sclerotia

Photographer : Mark Brundrett

Latitude: -31° 52' 3.80" Longitude: 116° 3' 4.88"

Date: 11 Jul 2004

Image TRR22_40MB001








03 *Tubulicrinis* sp.

Photographer : Mark Brundrett

Latitude: -31° 52' 4.00" Longitude: 116° 3' 4.20"

Date: 11 Jul 2004

Image TRR22_40MB003

	<p>06 <i>Boletellus obscurecoccineus</i></p> <p>Photographer : Mark Brundrett</p> <p>Latitude: -31° 52' 4.82" Longitude: 116° 3' 2.64" Date: 11 Jul 2004 Image TRR22_40MB006</p>
	<p>09 <i>Resupinatus</i> sp.</p> <p>Photographer : Mark Brundrett</p> <p>Latitude: -31° 52' 5.15" Longitude: 116° 3' 1.25" Date: 11 Jul 2004 Image TRR22_40MB009</p>
	<p>11 <i>Clitocybe</i> sp.</p> <p>Photographer : Mark Brundrett</p> <p>Latitude: -31° 52' 6.01" Longitude: 116° 3' 1.37" Date: 11 Jul 2004 Image TRR22_40MB011</p>
	<p>13 <i>Cortinarius subarcheri</i></p> <p>Photographer : Mark Brundrett</p> <p>Latitude: -31° 52' 6.61" Longitude: 116° 3' 1.61" Date: 11 Jul 2004 Image TRR22_40MB013</p>
	<p>16 <i>Inocybe</i> aff. <i>australiensis</i></p> <p>Photographer : Mark Brundrett</p> <p>Latitude: -31° 52' 6.89" Longitude: 116° 3' 1.74" Date: 11 Jul 2004 Image TRR22_40MB016</p>

Perth Urban Bushland Fungi Project, Talbot Reserve Fungi Report 2004



17 Cortinarius sp.

Photographer : Mark Brundrett

Latitude: -31° 52' 6.75" Longitude: 116° 3' 1.74"

Date: 11 Jul 2004

Image TRR22_40MB017



18 Clavulina cf. cristata

Photographer : Mark Brundrett

Latitude: -31° 52' 6.60" Longitude: 116° 3' 1.75"

Date: 11 Jul 2004

Image TRR22_40MB018

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Georeferenced Photos and Track for Kevn Griffith's group at the Talbot Rd workshop, 11 July 2004





27 *Cortinarius* sp.

Photographer Ross Cockerell

Hakea, Dryandra, native grass, Marri, in leaf litter
Latitude: -31° 52' 19.13" Longitude: 116° 2' 57.34"
Date: 11 Jul 2004 opt Image TRR22_41RC0827

	<p>30 <i>Clavulina</i> sp. Coral fungus</p> <p>Photographer Ross Cockerell</p> <p><i>Hakea, Acacia pulchella</i>, in leaf litter Latitude: -31° 52' 19.13" Longitude: 116° 2' 56.69" Date: 11 Jul 2004 opt Image TRR22_41RC0830</p>
	<p>34 <i>Pholiota</i> sp.</p> <p>Photographer Ross Cockerell</p> <p>On dung heap on side of gravel path, <i>Dryandra sessilis</i> and <i>Hakea</i> Latitude: -31° 52' 19.13" Longitude: 116° 2' 56.69" Date: 11 Jul 2004 opt Image TRR22_41RC0834</p>
	<p>837 <i>Mycena</i> sp.</p> <p>Photographer Ross Cockerell</p> <p>In leaf litter and weeds, <i>Acacia pulchella</i>, <i>Hakea</i> sp. Latitude: -31° 52' 19.66" Longitude: 116° 2' 55.90" Date: 11 Jul 2004 opt Image TRR22_41RC0837</p>
	<p>41 Undetermined Agaric</p> <p>Photographer Ross Cockerell</p> <p>In gravel with some leaf litter Latitude: -31° 52' 21.00" Longitude: 116° 2' 55.36" Date: 11 Jul 2004 opt Image TRR22_41RC0841</p>
	<p>44 <i>Amanita xanthocephala</i> Yellow headed Amanita</p> <p>Photographer Ross Cockerell</p> <p>Gum leaf litter, edge of road, <i>Dryandra</i> Latitude: -31° 52' 21.25" Longitude: 116° 2' 55.75" Date: 11 Jul 2004 opt Image TRR22_41RC0844</p>

Perth Urban Bushland Fungi Project, Talbot Reserve Fungi Report 2004

	<p>47 <i>Laccaria lateritia</i></p> <p>Photographer Ross Cockerell</p> <p>Some leaf litter and gravel, <i>Dryandra</i>, sedge, grass Latitude: -31° 52' 21.29" Longitude: 116° 2' 55.75" Date: 11 Jul 2004 opt Image TRR22_41RC0847</p>
	<p>50 <i>Clavulina</i> sp. Coral fungus</p> <p>Photographer Ross Cockerell</p> <p>Leaf litter, Grasstree, in sandy soil Latitude: -31° 52' 22.66" Longitude: 116° 2' 56.32" Date: 11 Jul 2004 opt Image TRR22_41RC0850</p>
	<p>54 <i>Clavulina</i> sp. Coral fungus</p> <p>Photographer Ross Cockerell</p> <p>Mossy litter, Grasstree, in sandy soil Latitude: -31° 52' 21.22" Longitude: 116° 2' 57.37" Date: 11 Jul 2004 opt Image TRR22_41RC0854</p>
	<p>57 <i>Inocybe</i> sp.</p> <p>Photographer Ross Cockerell</p> <p>In leaf litter, small <i>Dryandra</i>, under Marri tree Latitude: -31° 52' 18.56" Longitude: 116° 2' 59.34" Date: 11 Jul 2004 opt Image TRR22_41RC0857</p>

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Georeferenced Photos and Track for Kirsten Tullis's group at the Talbot Rd workshop, 11 July 2004








281 *Coltricia cinnamomea*
Photographer Kirsten Tullis
Marri heathland, with *Lepidosperma*, *Pimelea* and *Drosera*
Latitude: -31° 52' 19.13" Longitude: 116° 2' 56.69"
Date: 11 Jul 2004 opt Image TRR22_42KT7110281



285 *Inocybe* sp.
Photographer Kirsten Tullis
Marri heathland. with *Bossea*, *Acacia pulchella*
Latitude: -31° 52' 20.06" Longitude: 116° 2' 55.75"
Date: 11 Jul 2004 opt Image TRR22_42KT7110285

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	<p>287 <i>Entoloma</i> sp.</p> <p>Photographer Kirsten Tullis</p> <p>Marri heathland –with <i>Messomelina</i> sp and <i>Acacia pulchella</i> Latitude: -31° 52' 20.21" Longitude: 116° 2' 55.66" Date: 11 Jul 2004 opt Image TRR22_42KT7110287</p>
	<p>294 <i>Leptonia</i> sp.</p> <p>Photographer Kirsten Tullis</p> <p>Marri heathland –with <i>Acacia pulchella</i> Latitude: -31° 52' 20.47" Longitude: 116° 2' 55.75" Date: 11 Jul 2004 opt Image TRR22_42KT7110294</p>
	<p>299 <i>Lacaria lateritia</i></p> <p>Photographer Kirsten Tullis</p> <p>Marri heathland –with <i>Acacia pulchella</i> Latitude: -31° 52' 20.58" Longitude: 116° 2' 55.61" Date: 11 Jul 2004 opt Image TRR22_42KT7110299</p>
	<p>300 <i>Inocybe</i> sp.</p> <p>Photographer Kirsten Tullis</p> <p>Marri heathland with <i>Lepidosperma</i> sp. Latitude: -31° 52' 21.00" Longitude: 116° 2' 55.36" Date: 11 Jul 2004 opt Image TRR22_42KT7110300</p>
	<p>304 Undetermined Agaric</p> <p>Photographer Kirsten Tullis</p> <p>Marri heathland with <i>Eucalyptus wandoo</i> Latitude: -31° 52' 21.23" Longitude: 116° 2' 55.75" Date: 11 Jul 2004 opt Image TRR22_42KT7110304</p>

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Georeferenced Photos and Track for Jason Young's group at the Talbot Rd workshop, 11 July 2004



07 *Cortinarius* sp.

Photographer Lisa Wright

Mesomelina, Grevillea, grey sand

Latitude: -31° 52' 14.87" Longitude: 116° 3' 4.60"

Date: 11 Jul 2004 optTRR22_44LW0007



10 *Crepidotus nephrodes*





Photographer Lisa Wright

On fallen Marri

Latitude: -31° 52' 14.39" Longitude: 116° 3' 5.04"

Date: 11 Jul 2004 optTRR22_44LW0010

Perth Urban Bushland Fungi Project, Talbot Reserve Fungi Report 2004

	<p>19 <i>Clavulina</i> sp. Coral Fungus</p> <p>Photographer Lisa Wright</p> <p>Dead Marri base Latitude: -31° 52' 13.29" Longitude: 116° 3' 5.07" Date: 11 Jul 2004 optTRR22_44LW0019</p>
	<p>20 <i>Pisolithus</i> sp. Dog Poo fungus</p> <p>Photographer Lisa Wright</p> <p>Soil under dead Marri Latitude: -31° 52' 12.44" Longitude: 116° 3' 6.04" Date: 11 Jul 2004 optTRR22_44LW0020</p>
	<p>24 <i>Laccaria lateritia</i></p> <p>Photographer Lisa Wright</p> <p>In sand and weeds at side of path Latitude: -31° 52' 11.12" Longitude: 116° 3' 7.53" Date: 11 Jul 2004 optTRR22_44LW0024</p>
	<p>29 <i>Amanita umbrinella</i></p> <p>Photographer Lisa Wright</p> <p>Sand bank at side of path in soil. Large - 13cm wide Latitude: -31° 52' 14.50" Longitude: 116° 3' 7.65" Date: 11 Jul 2004 optTRR22_44LW0029</p>

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