



Perth  
Urban  
Bushland  
Fungi

## Samson Park Fungi Report 2005

Forty six people attended the PUBF Fungi walk at Samson Park on a very damp, drizzly Saturday morning, 25 June 2005. The walk was held between 10am-12pm.

The walk was organised together with Shane Boyle, Bush Regeneration Officer for the City of Fremantle. There were 4 groups for the foraying led by Jolanda Keeble, Louise Little, Roz Hart and Sandra Thomas, Jane Bracken and Margaret Langley, all Leaders from the PUBF Project.



Despite rainy conditions, a good turnout.



A great table of interesting fungi



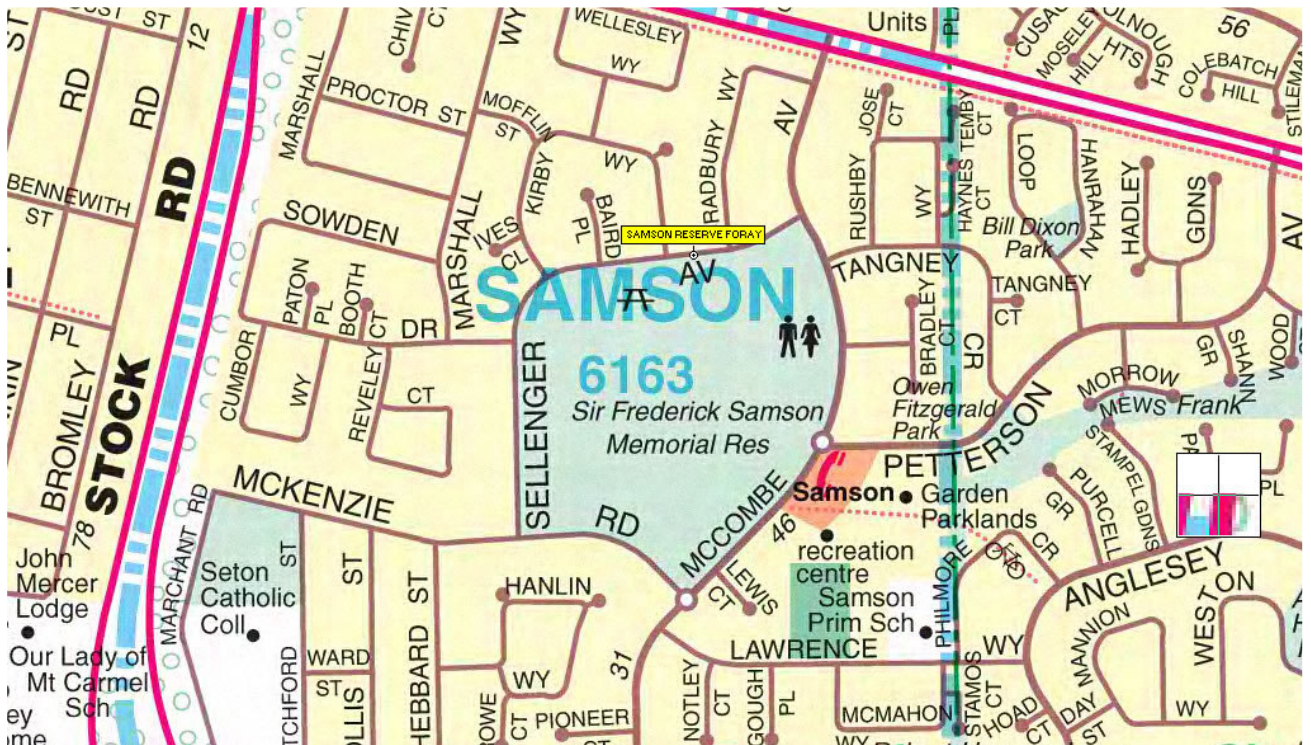
Examining the fungi collected



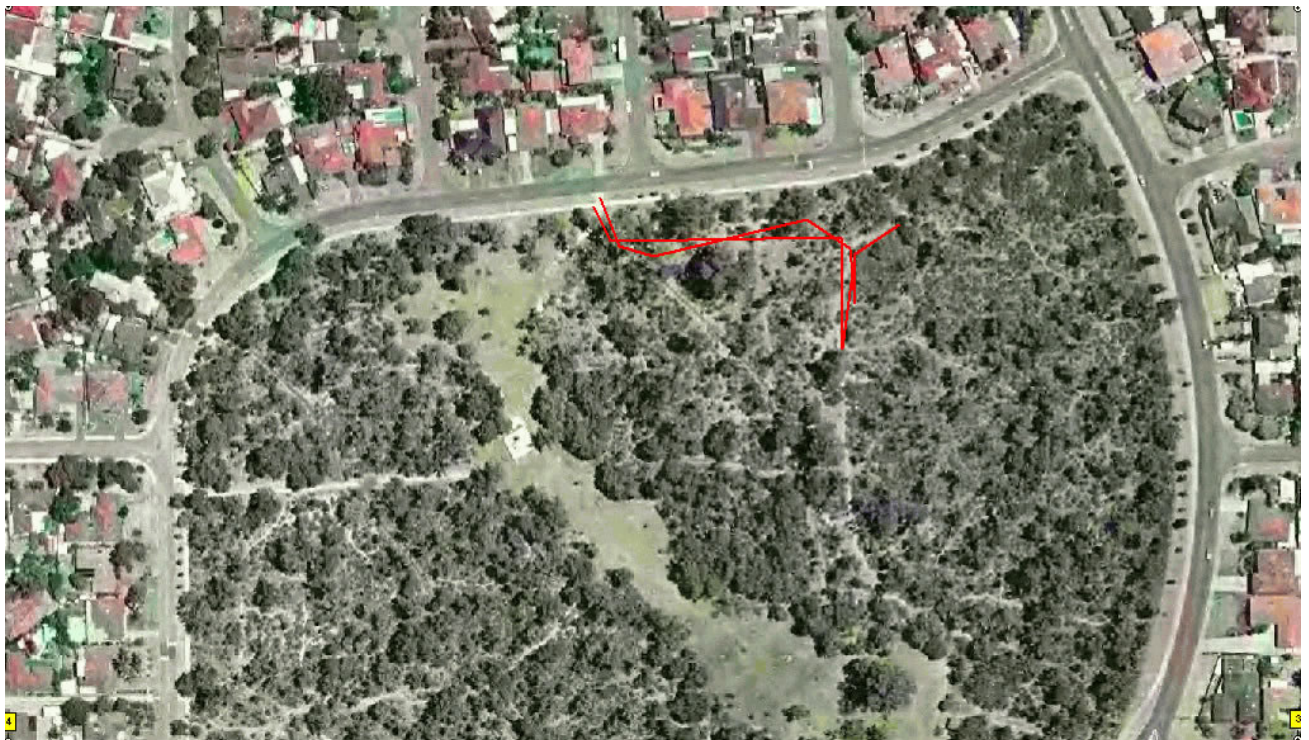
**Recommendation:** This event has allowed us to produce the **first ever inventory of fungi for Sir Frederick Samson Park.** This list represents a very small portion of the fungi which are likely to be present in this reserve. Due to the nature of fungi, which fruit irregularly and intermittently, 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, Sir Frederick Samson Park Fungi Report 2005



StreetExpress Map showing the location of Sir Frederick Samson Park in Samson.



Aerial photo showing the track for Sandra Thomas and Roz Hart's group. The other groups did not generate GPS tracks as it was a very wet morning..

## Perth Urban Bushland Fungi Project, Sir Frederick Samson Park Fungi Report 2005

### Samson Park Walk Fungi List, 25 June 2005

A diverse range of about 40 fungi were observed during the brief time of this foray. Notable fungi observed included those often seen in jarrah forests such as *Fistulina spiculifera* - the Australian Beefsteak Fungus, virtually indistinguishable from the better known *Fistulina hepatica*. Many mycorrhizal fungi were also observed, e.g. species of *Cortinarius*, *Laccaria*, *Pisolithus*, *Ramaria*, *Russula*, and *Scleroderma*. Such fungi form beneficial partnerships with, and provide essential soil nutrients to, many of the native trees and shrubs present at Samson Park.

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

The list below contains all the fungi recorded by the 4 groups. Some species were collected by more than one group, so they have multiple specimen IDs.

**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.

Field Book Page number refers to the Perth Urban Bushland Fungi Field Book which is available for downloading from the Project website at [www.fungiperth.org.au](http://www.fungiperth.org.au)

<u>Scientific Name</u>	<u>Common Name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>Field Book Page No.</u>	<u>Specimen ID</u>
<i>Aleurina</i> sp.		cup	litter/ground	S	--	1218
<i>Amanita</i> sp.		mushroom	litter/ground	M	--	1226, 1252
<i>Amanita umbrinella</i>		mushroom	litter/ground	M	--	1225, 1281
<i>Boletus</i> sp.		mushroom	litter/ground	M	--	1240, 1272
<i>Clitocybe semiocculata</i>	<b>Shy Funnel Cap</b>	shell	dead wood	S	J-4	1229, 1246
<i>Coprinus</i> sp.		mushroom	litter/ground	S	--	1277
<i>Cortinarius</i> sp.		mushroom	litter/ground	M	--	1264, 1289
<i>Crepidotus eucalyptorum</i>	<b>Eucalypt Crepidotus</b>	shell	dead wood	S	J-13	1230, 1233, 1253, 1284
<i>Crepidotus</i> sp.		shell	dead wood	S	--	1241, 1282
<i>Daldinia childiae</i>		cramp balls	dead wood	S	--	1269
<i>Exidia</i> sp.		jelly fungus	dead wood	S	--	1217, 1258
<i>Fistulina spiculifera</i>	<b>Australian Beefsteak Fungus</b>	bracket	dead wood	P	--	1220, 1243, 1273
<i>Fomitopsis lilacinogilva</i>	<b>Lilac Bracket Fungus</b>	bracket	dead wood	S	N-2	1231, 1234
<i>Gymnopilus perplexus</i>		mushroom	dead wood	S	--	1221
<i>Harknessia uromycoides</i>	<b>Tuart Nut Fungus</b>	pustules	dead wood	S	C-1	1259
<i>Hohenbuehalia</i> sp.		shell	dead wood	S	--	1245, 1265
<i>Hypocrea</i> sp.		pustules	dead wood	S	--	1261

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<u>Scientific Name</u>	<u>Common Name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>Field Book Page No.</u>	<u>Specimen ID</u>
<i>Laccaria lateritia</i>	<b>Brick Red Laccaria</b>	mushroom	litter/ground	M	J-17	1276
<i>Laetiporus portentosus</i>	<b>White Punk</b>	bracket	dead wood/ live trees	S	N-4	1235
<i>Limacella pitereka</i>	<b>Slimacella</b>	mushroom	litter/ground	S	--	1283
<i>Mycena sp.</i>		mushroom	litter/ground	S	--	1215, 1222, 1228, 1249, 1257, 1270, 1287
<i>Mycoacia subceracea</i>	<b>Golden Splash Tooth</b>	resupinate	dead wood	S	O-4	1256
<i>Myxomycete sp.</i>	<b>Slime Mould</b>	slime mould	dead wood	S	--	1267
<i>Omphalotus nidiformis</i>	<b>Ghost Fungus</b>	mushroom	dead wood	S/P	J-21	1251
<i>Pisolithus microcarpus</i>	<b>Dog Poo Fungus</b>	puffball	litter/ground	M	--	1288
<i>Pisolithus sp.</i>	<b>Dog Poo Fungus</b>	puffball	litter/ground	M	L-3	1216, 1242, 1244, 1247, 1248, 1271
<i>Pluteus lutescens</i>		mushroom	dead wood	S	--	1238, 1255
<i>Poria sp.</i>		resupinate	dead wood	S	--	1260
<i>Psathyrella sp.</i>		mushroom	litter/ground	S	--	1237
<i>Pycnoporus coccineus</i>	<b>Scarlet Bracket Fungus</b>	bracket	dead wood	S	N-8	1232, 1274
<i>Ramaria sp.</i>	<b>Coral Fungus</b>	coral	litter/ground	M	--	1227, 1280, 1285
<i>Resupinatus cinerascens</i>		shell	dead wood	S	--	1254
<i>Russula sp.</i>		mushroom	litter/ground	M	--	1286
<i>Scleroderma cepa</i>	<b>Earthballs</b>	puffball	litter/ground	M	--	1250
<i>Stereum illudens</i>	<b>Purplish Stereum</b>	bracket	dead wood	S	O-6	1239, 1263
<b>Unknown Agaric</b>		mushroom	litter/ground	S	--	1219, 1278
<b>Unknown Resupinate</b>		resupinate	dead wood	S	--	1224, 1236
<b>Unknown</b>		--	--	--	--	1223, 1262, 1266, 1268, 1275
<i>Volvariella speciosa</i>	<b>Common Rosegill</b>	mushroom	litter/ground	S	J-30	1279

**Permanent Voucher Collections**

Three of the fungi collected during this event were deposited in the WA Herbarium Fungi collection with the following collection details:

*Fistulina spiculifera*      Specimen ID: 1243      Voucher ID: E8235  
*Pluteus lutescens*      Specimen ID: 1238      Voucher ID: E8236  
*Resupinatus cinerascens*      Specimen ID: 1254      Voucher ID: E8238

## Georeferenced Track and Photos

Roz Hart and Sandra Thomas' Group - 25 June 2005



The numbers on the coloured dots in the fungi photos correspond to the collecting number and usually **do not** match the photo number. It is the **photo number** which correlates with the site on the map as above.



**03** *Crepidotus eucalyptorum*  
**Crepidotus**

Photographer: Roz Hart

**Eucalypt**






Specimen ID: 1253

Growing on bark of Tuart.





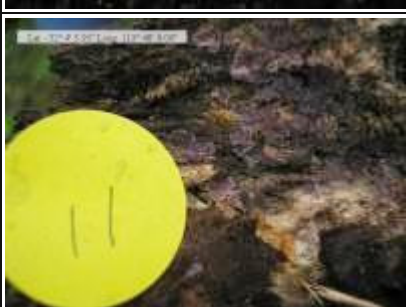

Latitude: -32° 4' 6.28" Longitude: 115° 47' 57.49"

Easting: 386668 Northing: 6451350 Zone: 50






Date: 25 Jun 2005 opt Image SR39\_80RH03

	<p><b>04 <i>Resupinatus cinerascens</i></b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1254</p> <p>Growing on Tuart.            Latitude: -32° 4' 6.28" Longitude: 115° 47' 57.48"            Easting: 386668 Northing: 6451350 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH04</p> <p><b>Vouchered into WA Herbarium #E8238</b></p>
	<p><b>06 <i>Pluteus lutescens</i></b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1255</p> <p>Growing amongst leaf litter in soil.            Latitude: -32° 4' 6.28" Longitude: 115° 47' 57.65"            Easting: 386672 Northing: 6451351 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH06</p>
	<p><b>07 <i>Mycoacia subceracea</i>      Golden Splash Tooth</b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1256</p> <p>On branch in leaf litter.            Latitude: -32° 4' 6.28" Longitude: 115° 47' 57.66"            Easting: 386672 Northing: 6451351 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH07</p>
	<p><b>08 <i>Mycena</i> sp.</b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1257</p> <p>In soil amongst leaf litter.            Latitude: -32° 4' 6.35" Longitude: 115° 47' 57.62"            Easting: 386671 Northing: 6451348 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH08</p>
	<p><b>09 <i>Exidia</i> sp.</b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1258</p> <p>On branch in leaf litter.            Latitude: -32° 4' 6.40" Longitude: 115° 47' 57.59"            Easting: 386670 Northing: 6451347 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH09</p>

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	<p><b>11 <i>Harknessia uromycoides</i></b>      <b>Tuart Nut Fungus</b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1259</p> <p>Growing on Tuart nuts.            Latitude: -32° 4' 6.23" Longitude: 115° 47' 57.97"            Easting: 386680 Northing: 6451352 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH11</p>
	<p><b>12 <i>Poria</i> sp.</b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1260</p> <p>Underside of dead branch, ~ 1/2 metre off ground.            Latitude: -32° 4' 6.02" Longitude: 115° 47' 59.75"            Easting: 386727 Northing: 6451359 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH12</p>
	<p><b>14 <i>Hypocrea</i> sp.</b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1261</p> <p>Located on branch fallen to the ground.            Latitude: -32° 4' 6.02" Longitude: 115° 47' 59.82"            Easting: 386729 Northing: 6451359 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH14</p>
	<p><b>15 Unknown</b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1262</p> <p>Located on dead twig.            Latitude: -32° 4' 6.02" Longitude: 115° 47' 59.89"            Easting: 386731 Northing: 6451359 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH15</p>
	<p><b>16 <i>Stereum illudens</i></b>      <b>Purplish Stereum</b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1263</p> <p>Underside of bark from dead <i>Eucalyptus</i> tree.            Latitude: -32° 4' 5.95" Longitude: 115° 47' 60.00"            Easting: 386734 Northing: 6451361 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH16</p>
	<p><b>17 <i>Cortinarius</i> sp.</b>            Photographer: Roz Hart      <u>Specimen ID:</u> 1264</p> <p>In leaf litter on ground.            Latitude: -32° 4' 6.71" Longitude: 115° 48' 0.76"            Easting: 386754 Northing: 6451338 Zone: 50            Date: 25 Jun 2005      opt Image SR39_80RH17</p>

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	<p><b>18 <i>Hohenbuehalia</i> sp.</b>            Photographer: Roz Hart                      <u>Specimen ID:</u> 1265</p> <p>Located on bark of dead Tuart branch.            Latitude: -32° 4' 6.42" Longitude: 115° 48' 1.01"            Easting: 386760 Northing: 6451347 Zone: 50            Date: 25 Jun 2005                      opt Image SR39_80RH18</p>
	<p><b>20 Unknown</b>            Photographer: Roz Hart                      <u>Specimen ID:</u> 1266</p> <p>Located on bark of dead Tuart branch.            Latitude: -32° 4' 6.42" Longitude: 115° 48' 1.01"            Easting: 386760 Northing: 6451347 Zone: 50            Date: 25 Jun 2005                      opt Image SR39_80RH20</p>
	<p><b>21 <i>Myxomycete</i> sp.                      Slime Mould</b>            Photographer: Roz Hart                      <u>Specimen ID:</u> 1267</p> <p>Located on dead Tuart branch.            Latitude: -32° 4' 6.42" Longitude: 115° 48' 1.01"            Easting: 386760 Northing: 6451347 Zone: 50            Date: 25 Jun 2005                      opt Image SR39_80RH21</p>
	<p><b>23 Unknown Resupinate                      Skin Fungus</b>            Photographer: Roz Hart                      <u>Specimen ID:</u> 1268</p> <p>Underside of bark from tree fallen to ground.            Latitude: -32° 4' 6.42" Longitude: 115° 48' 0.90"            Easting: 386757 Northing: 6451347 Zone: 50            Date: 25 Jun 2005                      opt Image SR39_80RH23</p>
	<p><b>24 <i>Daldinia childiae</i></b>            Photographer: Roz Hart                      <u>Specimen ID:</u> 1269</p> <p>Located on branch fallen to ground.            Latitude: -32° 4' 6.28" Longitude: 115° 48' 1.30"            Easting: 386768 Northing: 6451352 Zone: 50            Date: 25 Jun 2005                      optSR39_80RH24</p>



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### **27 *Mycena* sp.**

Photographer: Roz Hart

Specimen ID: 1270

Growing next to decomposing *Xanthorrhoea* flower spike.

Latitude: -32° 4' 6.10" Longitude: 115° 48' 1.37"

Easting: 386769 Northing: 6451357 Zone: 50

Date: 25 Jun 2005 opt Image SR39\_80RH27



### **28 *Pisolithus* sp.**

Photographer: Roz Hart

### **Dog Poo Fungus**

Specimen ID: 1271

In soil.

Latitude: -32° 4' 7.74" Longitude: 115° 48' 0.59"

Easting: 386750 Northing: 6451306 Zone: 50

Date: 25 Jun 2005 opt Image SR39\_80RH28