

Perth
Urban
Bushland
Fungi

Ledger Road Fungi Report 2005

Twenty people attended the PUBF Fungi walk at Ledger Rd, Gooseberry Hill on 26 June 2005, held between 10am-12pm.

The walk was organised together with the Eastern Hills Branch of the Western Australian Wildflower Society, as part of their annual conference. There were 4 groups for the foraging, led by Karen Clarke and Mark Brundrett, Roz Hart and Kirsten Tullis, Jolanda Keeble and Kevn Griffiths, all Leaders from the PUBF Project.



Russula flocktonae



Stropharia semiglobata



Russula neerimea



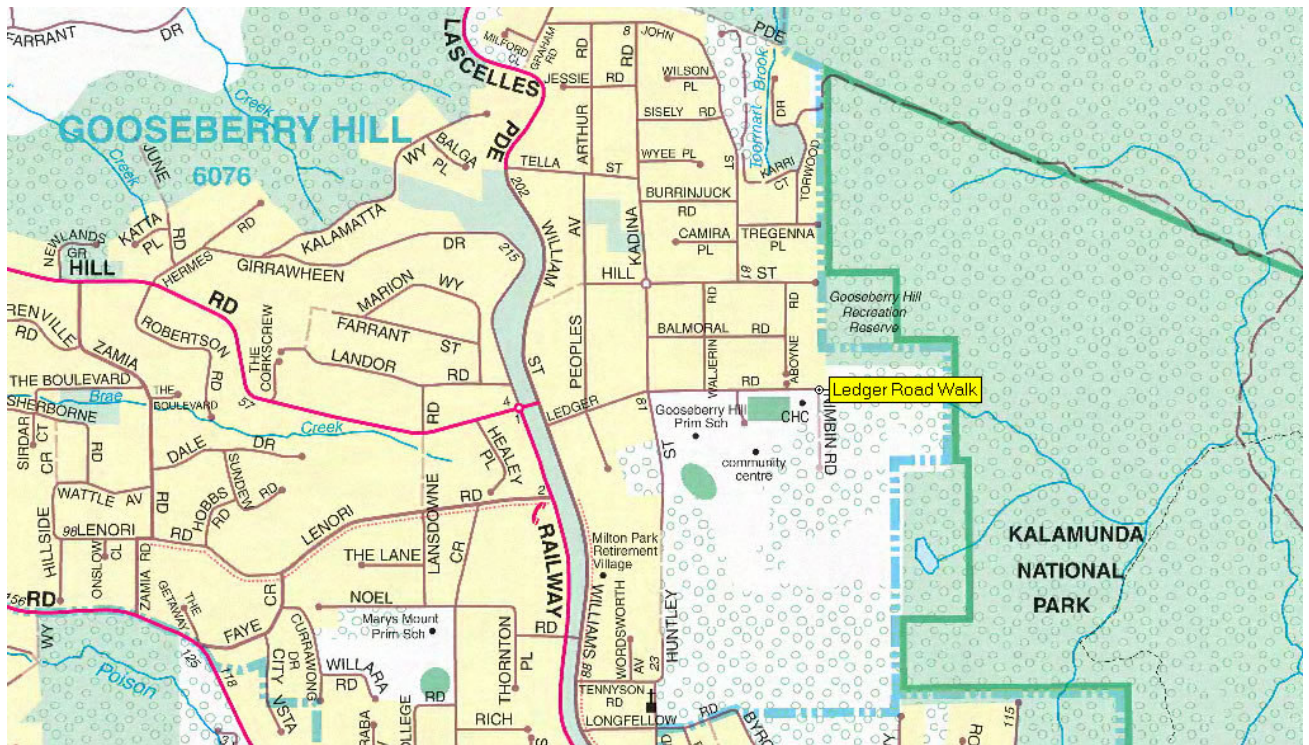
Lactarius eucalypti

Recommendation: This event has allowed us to produce an inventory of fungi for Ledger Rd reserve. Previous surveys, for example one conducted on 13 July 2003, recorded some of the same and some different fungi to those observed this time.

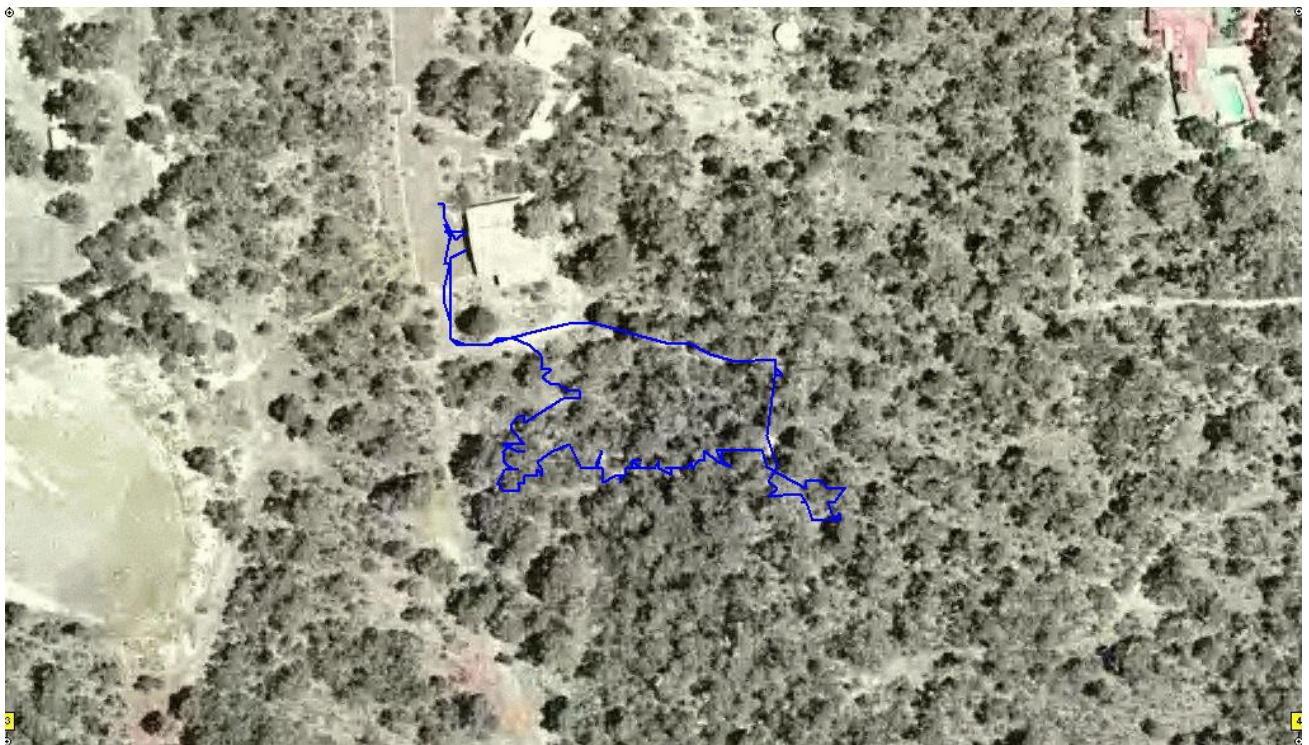
This list represents a very small portion of the fungi which are likely to be present in this reserve. Due to the nature of fungi, which fruit irregularly and intermittently, it will be necessary to conduct many such surveys over different days in the fungi season as well as in successive years to produce an accurate inventory of the fungi present in this valuable urban bush reserve.



Perth Urban Bushland Fungi Project, Ledger Road Fungi Report 2005



StreetExpress Map showing the location of Ledger Rd in Gooseberry Hill.



Aerial photo of Ledger Rd bushland showing the track followed by Roz Hart and Kirsten Tullis's group.

Ledger Rd Fungi report 26 June 2005

The Ledger Rd foray site is on the Darling Scarp. The fungi found on this foray were very clearly a different set of species to those found on forays on most of the Swan Coastal Plain. This is largely due to the different vegetation which occurs on this different soil type. This demonstrates very neatly that different plants have different fungi partners.

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

<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>Amanita</i> sp.		mushroom	litter/ground	M	--	1322
<i>Amanita umbrinella</i>		mushroom	litter/ground	M	--	1292
<i>Amanita xanthocephala</i>	Yellow-headed Amanita	mushroom	litter/ground	M	--	1316
<i>Coltricia cinnamomea</i>	Tough Cinnamon Fungus	mushroom	litter/ground	S	N-1	1320
<i>Cortinarius</i> sp.		mushroom	litter/ground	M	--	1293, 1309, 1311, 1312, 1317
<i>Dictydiaethelium plumbeum</i>	Strawberry Slime Mould	slime mould	dead wood	S	--	1326
<i>Exidia</i> sp.		jelly fungus	dead wood	S	--	1327
<i>Gymnopilus perplexus</i>		mushroom	dead wood	S	--	1313
<i>Lactarius eucalypti</i>		mushroom	litter/ground	M	--	1298
<i>Lactarius</i> sp.		mushroom	litter/ground	M	--	1295, 1299, 1300, 1307, 1323
<i>Leucopaxillus lilacinus</i>	Purple Turnover	mushroom	litter/ground	M	--	1310
<i>Mycena</i> sp.		mushroom	litter/ground	S	--	1314
<i>Panaeolus</i> sp.		mushroom	litter/ground	S	--	1308
<i>Poria</i> sp.		resupinate	dead wood	S	--	1296, 1302
<i>Ramaria</i> sp.	Coral Fungus	coral	litter/ground	M	--	1306
<i>Resupinatus cinerascens</i>		shell	dead wood	S	--	1301
<i>Resupinatus</i> sp.		shell	dead wood	S	--	1291

Perth Urban Bushland Fungi Project, Ledger Road Fungi Report 2005

<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>Russula clelandii</i>		mushroom	litter/ground	S	--	1304
<i>Russula flocktonae</i>		mushroom	litter/ground	M	--	1297, 1315, 1324,
<i>Russula neerimea</i> group		mushroom	litter/ground	M	--	1290, 1303, 1305, 1325
<i>Russula</i> sp.		mushroom	litter/ground	M	--	1319
<i>Stropharia semiglobata</i>	Dung Roundheads	mushroom	dung	S	--	1321
Unknown Resupinate	Skin Fungus	resupinate	dead wood	S	--	1294, 1318

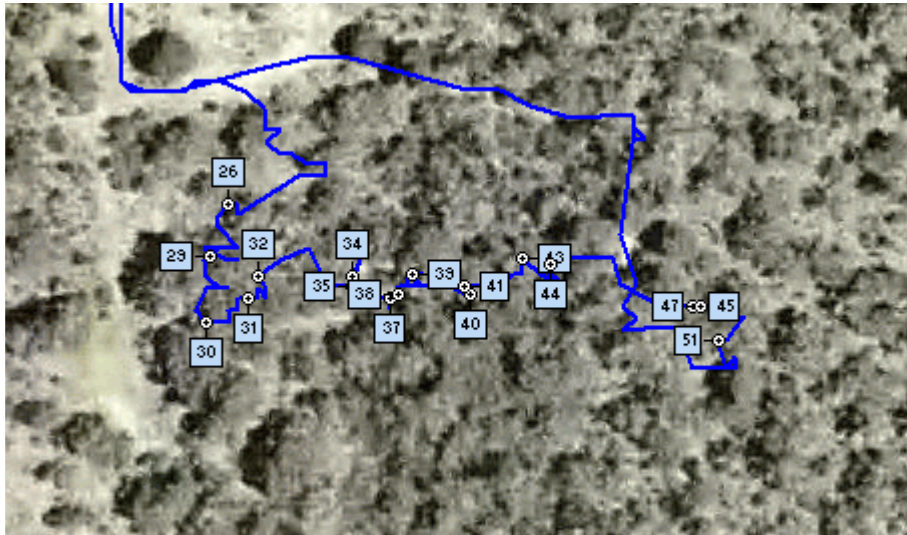
Permanent Voucher Collections

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

<i>Leucopaxillus lilacinus</i>	Voucher ID: E8240 Specimen ID: 1310
<i>Lactarius eucalypti</i>	Voucher ID: E8241 Specimen ID: 1298
<i>Russula flocktonae</i>	Voucher ID: E8242 Specimen ID: 1297







Georeferenced Track and Photos

Roz Hart and Kirsten Tullis's group – 26 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.

	<p>26 <i>Lactarius</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1299</p> <p>In soil. Latitude: -31° 57' 25.74" Longitude: 116° 3' 27.97" Easting:410958 Northing: 6463926 Zone: 50 Date: 26 Jun 2005 10:26am: opt Image LR34_84RH26</p>
	<p>29 <i>Lactarius</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1300</p> <p>In soil and leaf litter. Latitude: -31° 57' 26.08" Longitude: 116° 3' 27.82" Easting:410954 Northing: 6463915 Zone: 50 Date: 26 Jun 2005: opt Image LR34_84RH29</p>
	<p>30 <i>Resupinatus cinerascens</i> Photographer: Roz Hart <u>Specimen ID:</u> 1301</p> <p>Under jarrah bark. Latitude: -31° 57' 26.50" Longitude: 116° 3' 27.79" Easting:410953 Northing: 6463903 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH30</p>

	<p>31 <i>Poria</i> sp. White Skin Fungus Photographer: Roz Hart <u>Specimen ID:</u> 1302</p> <p>On eucalypt stick, jarrah or marri. Latitude: -31° 57' 26.35" Longitude: 116° 3' 28.12" Easting:410962 Northing: 6463907 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH31</p>
	<p>32 <i>Russula neerimea</i> Photographer: Roz Hart <u>Specimen ID:</u> 1303</p> <p>In soil/old leaf litter. Latitude: -31° 57' 26.21" Longitude: 116° 3' 28.19" Easting:410963 Northing: 6463911 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH32</p>
	<p>34 <i>Russula clelandii</i> Photographer: Roz Hart <u>Specimen ID:</u> 1304</p> <p>In soil/old leaf litter. Latitude: -31° 57' 26.21" Longitude: 116° 3' 28.91" Easting:410982 Northing: 6463912 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH34</p>
	<p>35 <i>Russula neerimea</i> Photographer: Roz Hart <u>Specimen ID:</u> 1305</p> <p>In soil/ leaf litter next to marri. Latitude: -31° 57' 26.28" Longitude: 116° 3' 28.91" Easting:410982 Northing: 6463909 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH35</p>
	<p>37 <i>Ramaria</i> sp. Coral Fungus Photographer: Roz Hart <u>Specimen ID:</u> 1306</p> <p>In leaf litter under dead <i>Dryandra sessilis</i>. Latitude: -31° 57' 26.35" Longitude: 116° 3' 29.20" Easting:410990 Northing: 6463907 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH37</p>
	<p>39 <i>Panaeolus</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1308</p> <p>In leaf litter. Latitude: -31° 57' 26.21" Longitude: 116° 3' 29.38" Easting:410995 Northing: 6463912 Zone: 50 Date: 26 Jun 2005 11:01:am opt Image LR34_84RH39</p>

	<p>40 <i>Cortinarius</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1309</p> <p>In leaf litter. Latitude: -31° 57' 26.33" Longitude: 116° 3' 29.81" Easting:411006 Northing: 6463908 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH40</p>
	<p>41 <i>Leucopaxillus lilacinus</i> Photographer: Roz Hart <u>Specimen ID:</u> 1310</p> <p>In soil, leaf litter amongst <i>Dryandra sessilis</i>. Latitude: -31° 57' 26.28" Longitude: 116° 3' 29.76" Easting:411005 Northing: 6463910 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH41</p>
	<p>44 <i>Cortinarius</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1312</p> <p>In soil, leaf litter amongst <i>Dryandra sessilis</i>. Latitude: -31° 57' 26.15" Longitude: 116° 3' 30.42" Easting:411022 Northing: 6463914 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH44</p>
	<p>45 <i>Gymnopilus perplexus</i> Photographer: Roz Hart <u>Specimen ID:</u> 1313</p> <p>On bark of fallen live jarrah. Latitude: -31° 57' 26.42" Longitude: 116° 3' 31.50" Easting:411051 Northing: 6463906 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH45</p>
	<p>47 <i>Mycena</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1314</p> <p>Under bark of live fallen jarrah. Latitude: -31° 57' 26.42" Longitude: 116° 3' 31.56" Easting:411052 Northing: 6463906 Zone: 50 Date: 26 Jun 2005 opt Image LR34_84RH47</p>
	<p>51 <i>Russula flocktonae</i> Photographer: Roz Hart <u>Specimen ID:</u> 1315</p> <p>In soil, leaf litter. Latitude: -31° 57' 26.64" Longitude: 116° 3' 31.70" Easting:411056 Northing: 6463899 Zone: 50 Date: 26 Jun 2005 11:27am opt Image LR34_84RH51</p>