



Perth
Urban
Bushland
Fungi

Lowlands Bushland Fungi Report 2006

Written and produced by
Neale L. Bougher, Roz Hart and Sarah de Bueger
Department of Environment and Conservation – Perth Urban Bushland Fungi Project



The fungi survey groups ready to set out



All together at the end of the first foray



Sorting the fungi collected



Presentation of Fungi Field Book to Lowlands

PUBF Website : www.fungiperth.org.au



Department of
Environment and Conservation





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Advice about the identity of the fungi was provided by Dr Neale Bougher, Mycologist, organisational support was provided by Roz Hart and Sarah de Bueger.

Photos and field assistance by PUBF Leaders

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The Perth Urban Bushland Fungi (PUBF) Project organised a fungi workshop for volunteer Fungi Leaders on the weekend of 20/21 May at Lowlands Bushland. The workshop focused on surveying and identifying fungi and on georeferencing techniques. A total of twenty people participated : eleven Fungi leaders: Mark Brundrett, Karen Clarke, Elaine Davison, Kevn Griffiths, Jolanda Keeble, Margaret Langley, Louise Little, Phylis Robertson, Rebecca Zappia, Anthony Francis and Neil Goldsborough; Neale Bougher, Roz Hart and Sarah de Bueger of the Perth Urban Bushland Fungi team; Kim Sarti, Peter Davison and Mary Gray of the PUBF Management Committee; John Weaver, PUBF volunteer and developer of the georeferencing system and Midge Richardson and Mark Angeloni of Lowlands. The group conducted 10 fungi forays in two different areas of the bushland over the weekend.

On 25 June 2006, many of the same people returned to conduct a further fungi survey at Lowlands under the auspices of the WA Naturalists' Club Fungi group. The fungi survey party consisted of Roz Hart, Jolanda Keeble, Patricia and Des Gurry, Elaine and Peter Davison, Joe Froudist, Phylis Robertson and Louise Little. The survey party was accompanied by Mark Angeloni and Midge Richardson of Lowlands.

Lowlands Bushland Fungi

Lowlands Bushland is part of one of the first land grants distributed in Western Australia. A large proportion of the land has never been cleared. In contrast to most of the vegetation on the Swan Coastal Plain, the bushland has not been subjected to periodic logging and burning. The Lowlands bushland provides a unique opportunity to survey fungi in a long unburnt area of the Swan Coastal Plain as the bushland is a rare and valuable area of mature conserved vegetation.

The winter of 2006 proved to be very warm and dry. Consequently fewer fungi fruit bodies than could have been expected were observed during the survey. However 33 species of fungi and two species of slime moulds were identified. Another six fungi were recorded but not able to be identified. The most frequent fungi were: 12 records of *Amanita* sp., 9 records of *Pycnoporus coccineus*, 6 records of *Campanella* sp., 5 records of both *Phellinus* sp. and *Pleurotus australis* - the Australian Oyster Mushroom. Some of the fungi remain unidentified pending further collections or more detailed comparative analyses. Many of the fungi could only be identified to genus level. This is because detailed taxonomic examinations are yet to be completed, or perhaps some are undescribed species. At least one species that is confirmed as new to Science was recorded at Lowlands during the PUBF surveys in 2006. This is *Campanella* sp. nov. - a gregarious shell-like fungus that occurs mainly on the inside of fallen bark of *Banksia*. This fungus species is a decomposer - perhaps a specialist decomposer of *Banksia* bark. Aside from Lowlands it is now known from several other locations on *Banksia* bark in the Perth region (Bougher N.L., 2007. The genus *Campanella* in Western Australia. *Mycotaxon*, in ed.)

The fungi found at the Lowlands Bushland during the PUBF surveys in 2006 represent a wide range of ecological types: decomposers of litter and wood, mycorrhizal (beneficial) partners of plants, and potential pathogens of trees. Some of the fungi at Lowlands appear to have specialist niches. For example the *Aleurodiscus* sp. has only been observed on *Banksia* cones at Lowlands and elsewhere in the Perth region. Such observations emphasise the need to retain microhabitats and specific components of microhabitats to help retain fungi biodiversity in bushland (see management recommendation 7 below).

The fungus-plant mycorrhizal associations at the Lowlands Bushland are likely to be of particular significance in conservation of biodiversity in the area. The Bassendean Sands which predominate at Lowlands are nutrient-poor. The plants of the Swan Coastal Plain have evolved a number of strategies to access sufficient amounts of the sparse soil nutrients. One of the strategies for many of the local plants is mycorrhizal partnerships, whereby the partner fungi access and deliver soil nutrients to the plants. There are likely to be many hundreds of species of mycorrhizal fungi occurring in the Swan Coastal Plain. Individual plants may have multiple and changing species of mycorrhizal fungi associated with them during their lifetime. In terms of benefits to the plants, it is not fully understood why the diversity of mycorrhizal fungi is so high. However in principal any major reduction in abundance and diversity of mycorrhizal fungi may be an indicator of a declining ecosystem (see relevance of management recommendation 1 below). This is currently being investigated by the Tuart Health Research Group as one of the possible contributing factors to Tuart decline on the Swan Coastal Plain.

Management Recommendations for Fungi Biodiversity at Lowlands

Is the ecology and biodiversity of the Lowlands Bushland in balance for long-term health? To help answer that question, management strategies for the biodiversity at Lowlands need to consider the Flora, Fauna and Fungi together. The Fungi have crucial ecological roles for maintaining bushland health, including linkages between the 3 F's. An increased level of knowledge about the fungi at the Lowlands Bushland is required as a basis to managing the fungi, and in turn for managing the Flora and Fauna.

1. **Build up an inventory of fungi:** The current PUBF surveys at Lowlands are the first coordinated attempts to inventory the biodiversity of fungi at Lowlands. Far more fungi are likely to occur at Lowlands than those recorded so far. Because of the unpredictable nature of fungi fruiting, surveys need to be conducted over many years in order to capture the biodiversity of fungi present in any given area. Such inventory data can be used as a baseline to monitor changes in biodiversity at the Lowlands Bushland, such as any trend towards reduction in the diversity of significant ecological groups of fungi such as mycorrhizal species, and the effects of major disturbances such as fire or disease incursions.
2. **Record comprehensive data on surveys:** (i) the identity of the fungi (ii) the main features of the fungi (including close-up photographs), (iii) habitat (in litter, on dead wood etc...), (iv) plant species associated with each of the fungi. Standard recording sheets for fungi biodiversity surveys are available on request from PUBF.
3. **Georeference the surveys:** to build up a spatial map of distribution of individual fungi species. Overlay such data onto vegetation, soil and fire-age maps so as to potentially recognise associations between particular fungi and plants or vegetation and landscape types. A georeferencing survey kit developed by John Weaver for PUBF is available for loan from the WA Herbarium.
4. **Involve community:** It is recommended that further fungi surveys involving members of the local community be undertaken at the Lowlands Bushland. Fungi surveys are well suited to annual involvement of Friends Groups and volunteers from local community. Involving community groups enables a greater sampling effort per unit of time, a general increase in awareness about fungi and their roles and linkages in bushlands, and a greater appreciation of the need to preserve bushland.
5. **Determine the mycorrhizal plant partners of fungi.** To understand the mycorrhizal relationships between fungi and plants at the Lowlands Bushland, the list of known plants at Lowlands should be annotated with the likely mycorrhizal status of each plant, e.g. categories such as - ectomycorrhizal, arbuscular, epacrid, orchid, not mycorrhizal. This will help understand how the pattern of occurrence of various species of fungi relates to the distribution of vegetation types at Lowlands.
6. **Determine the animal interactions with fungi:** Determine what truffle fungi are present at Lowlands Bushland, and if they are being used as a food resource by local native mammals. This information is significant knowledge to apply if mammals are being encouraged or relocated into Lowlands, or to understand why there may have been declines in mammal populations at Lowlands.
7. **Support a strategy to preserve representative landscapes:** Support a management plan that aims to preserve a variety of natural vegetation types and the diversity of plant species within the types. Also preserve a diversity of fire ages, including at least some long unburnt patches if possible. This strategy will help retain a variety of microhabitats for fungi – e.g. specific components of wood (logs, cones, twigs etc...), litter, moss beds, and specific mycorrhizal partner plants. By default, this strategy may foster fungi biodiversity at Lowlands Bushland.

**Lowlands Bushland Fungi List : 20-21 May and 25 June 2006**

Life Mode Key: M = Mycorrhizal, S = Saprotropic (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>Aleurodiscus</i> sp. | Orange Aleurodiscus | resupinate | dead wood | S | R-3 | 1826 |
| <i>Amanita</i> cf. <i>persicina</i> | Pink-capped Amanita | mushroom | Litter/ground | M | | - |
| <i>Amanita</i> sp. | | mushroom | litter/ground | M | | 1790, 1798, 1816, 1822, 1824, 1832, 1833, 1835, 2111, 2114, 2121, 2125 |
| <i>Arcyria</i> sp. | Slime Mould | slime mould | dead wood | S | | 1810,1819 |
| <i>Boletellus obscurecoccineus</i> | Rhubarb Bolete | mushroom | litter/ground | M | K-1 | 1800 |
| <i>Byssomerulius corium</i> | Byss Skin Fungus | resupinate/ shelf | dead wood | S | O-3 | 1813 |
| <i>Campanella</i> sp. nov. | | shell | dead wood | S | | 1801, 1814, 1821, 1830, 1840, 1847 |
| <i>Cortinarius</i> sp. | | mushroom | litter/ground | M | | 2106, 2107, 2110 |
| <i>Fistulina hepatica</i> | Beefsteak Fungus | bracket | dead wood | P | | 2112, 2122 |
| <i>Fomitopsis lilacinogilva</i> | Lilac Bracket Fungus | bracket | dead wood | S | N-2 | 1839 |
| <i>Ganoderma australe</i> | | bracket | dead/living trees & roots | S/P | | 2124 |
| <i>Gymnopilus allantopus</i> | Golden Wood Fungus | mushroom | dead wood | S | J-15 | 2115 |
| <i>Hyphodontia</i> sp. | | resupinate | dead wood | S | | 1802, 1820, 1831 |
| <i>Inocybe</i> sp. | | mushroom | litter/ground | M | | 1789 |
| <i>Laccaria</i> sp. | | mushroom | litter/ground | M | | 1859 |
| <i>Lycoperdon</i> sp. | | puffball | litter/ground | S | | 1856 |
| <i>Mycena</i> sp. | | mushroom | litter/ground | S | | 1827, 2123 |
| <i>Mycoacia</i> | Golden Splash | resupinate | dead wood | S | O-4 | 1861 |

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| | | | | | | |
|-----------------------------------|-------------------------------------|--------------|------------------------|-----|------|--|
| <i>subceracea</i> | Tooth | | | | | |
| <i>Omphalotus nidiformis</i> | Ghost Fungus | mushroom | dead wood | S/P | J-21 | 2109 |
| <i>Panus fasciatus</i> | Hairy Panus | mushroom | dead wood | S | | 2119 |
| <i>Perenniporia ochroleuca</i> | | bracket | dead wood | S | | 1828, 1854 |
| <i>Phellinus sp.</i> | | bracket | dead wood | S | | 1795, 1836, 1838, 1843, 1849 |
| <i>Phellinus robustus</i> | Woody Layered Bracket Fungus | bracket | dead wood | S | N-6 | 1860 |
| <i>Pisolithus sp.</i> | Dog Poo Fungus | puffball | litter/ground | M | L-3 | 1857 |
| <i>Pleurotus australis</i> | Australian Oyster Mushroom | shell | dead wood/living trees | S | | 1805, 1807, 1841, 2117, 2120 |
| <i>Polyporus badius</i> | | mushroom | dead wood | S | | 1829 |
| <i>Pycnoporus coccineus</i> | Scarlet Bracket Fungus | bracket | dead wood | S | N-8 | 1803, 1818, 1825, 1842, 1845, 1851, 1853, 1858, 2116 |
| <i>Russula sp.</i> | | mushroom | litter/ground | M | | 1797 |
| <i>Russula clelandii</i> | | mushroom | litter/ground | M | | 2105 |
| <i>Schizophyllum commune</i> | Split Gill Fungus | shell | dead wood | S | R-2 | 1848, 2118 |
| <i>Schizopora sp.</i> | Skin Fungus | resupinate | dead wood | S | | 1855 |
| <i>Scleroderma sp.</i> | Earthballs | puffball | litter/ground | M | L-4 | 1804, 2104 |
| <i>Scutellinia sp.</i> | | cup | litter/ground | S | | 1815 |
| <i>Stereum sp.</i> | | bracket | dead wood | S | | 1837 |
| <i>Tremella mesenterica group</i> | Yellow Brain Fungus | jelly fungus | dead wood | S | Q-2 | 1806 |
| <i>Trichia ferruginea</i> | Slime Mould | slime mould | litter/ground | S | | 1808 |
| Undetermined Ascomycete | | cup | litter/ground | S | | 1811 |
| Undetermined Bolete | | mushroom | litter/ground | M | | 1792, 1799 1809, 1834 2108, 2113 |
| Undetermined Jelly Fungus | | jelly | dead wood | S | | 1817 |
| Undetermined Resupinate | Skin Fungus | resupinate | dead wood | M | | 1793, 1794, 1796 1812, 1823, 1844, 1846, 1852 |
| Undetermined Truffle | | truffle | litter/ground | M | | 1791 |

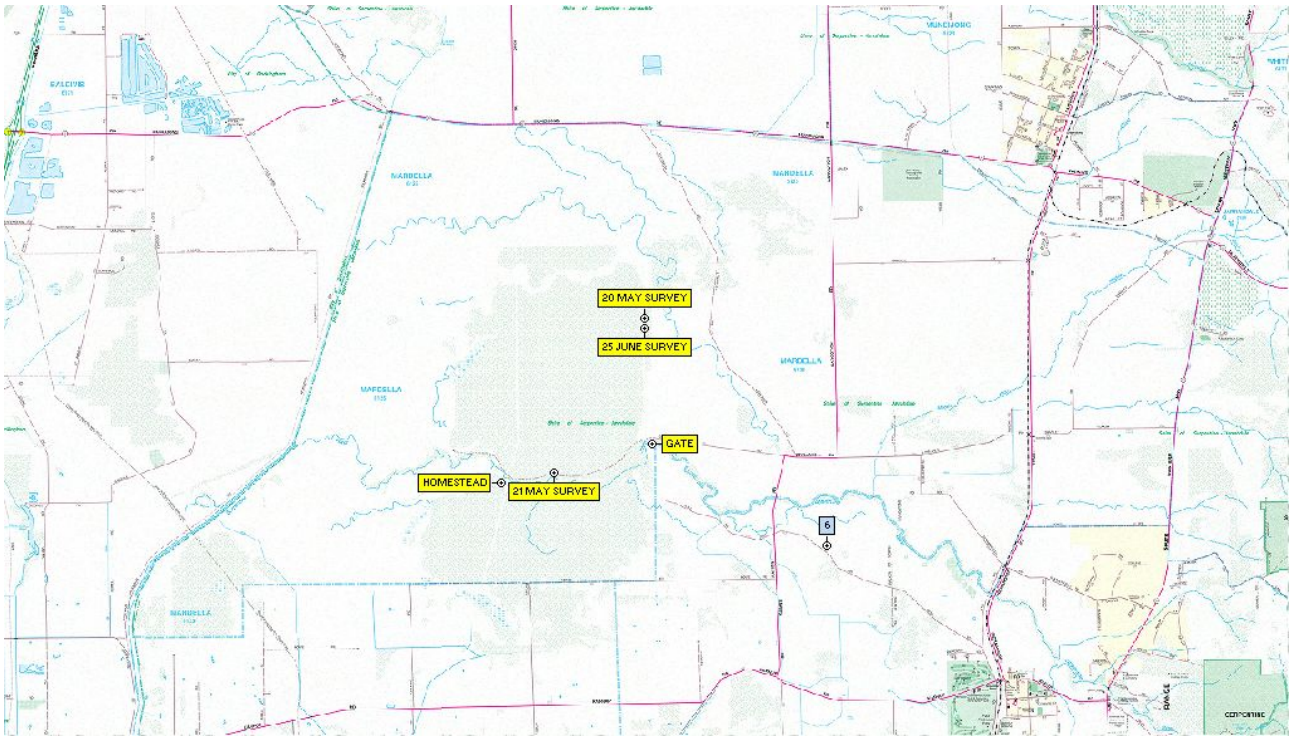
Permanent Voucher Collections

Eleven of the fungi collected at Lowlands Bushland were deposited in the WA Herbarium fungi collection with the following details:

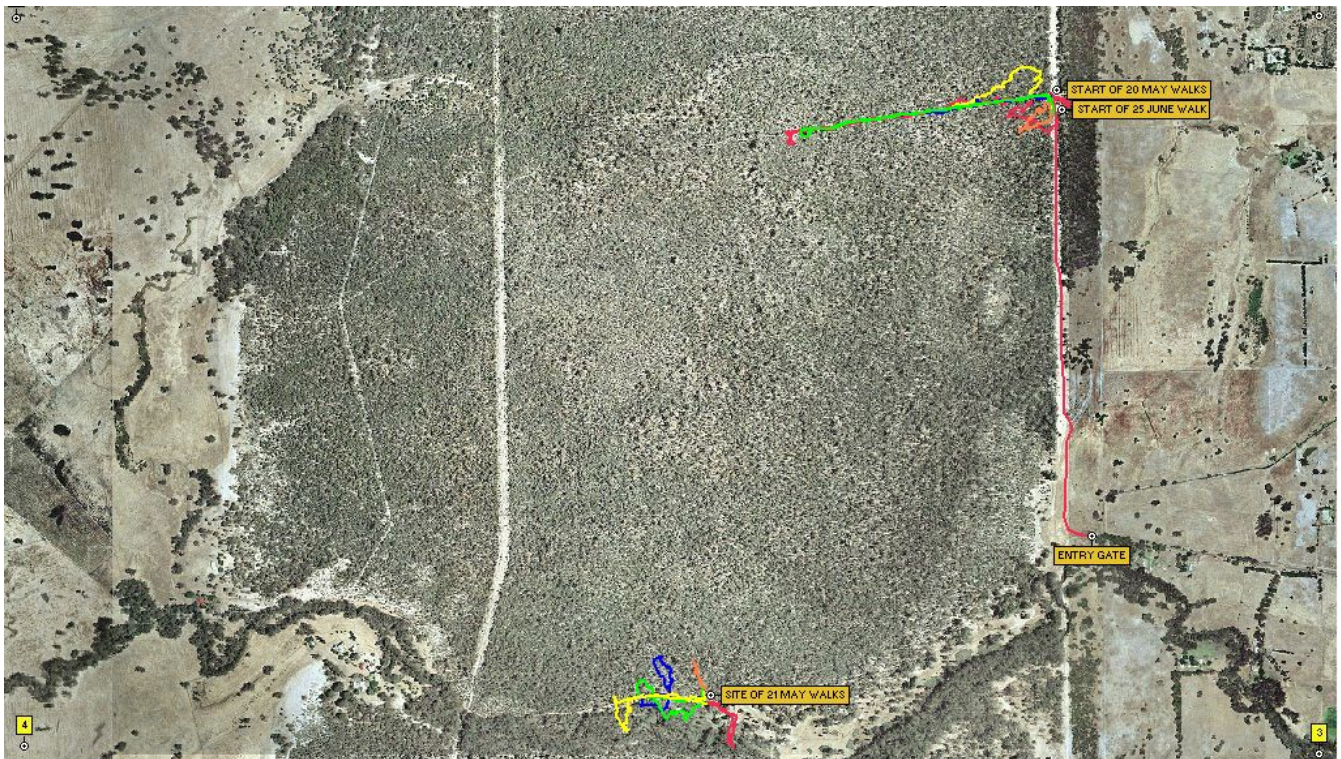
| | | |
|-------------------------------------|---------------------|-------------------|
| <i>Aleurodiscus</i> sp. | Voucher ID: BOU187 | Specimen ID: 1826 |
| <i>Pleurotus australis</i> | Voucher ID: E8311 | Specimen ID: 1807 |
| <i>Amanita</i> cf. <i>persicina</i> | Voucher ID: BOU 187 | no specimen ID |
| <i>Amanita</i> sp. | Voucher ID: E8312 | no specimen ID |
| <i>Amanita</i> sp. | Voucher ID: E8313 | no specimen ID |
| <i>Campanella</i> sp. nov. | Voucher ID: E8314 | Specimen ID: 1821 |
| <i>Amanita</i> sp. | Voucher ID: E8315 | Specimen ID: 1822 |
| <i>Boletellus obscurecoccineus</i> | Voucher ID: E8316 | Specimen ID: 1800 |
| <i>Amanita</i> sp. | Voucher ID: E8317 | Specimen ID: 1833 |
| <i>Boletus</i> sp. | Voucher ID: E8318 | no specimen ID |
| <i>Omphalotus nidiformis</i> | Voucher ID: E8319 | no specimen ID |
| <i>Boletus</i> sp. | Voucher ID: E8320 | no specimen ID |



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StreetExpress Map showing the location of Lowlands Bushland, Bush Forever Site 368, in the Shire of Serpentine-Jarrahdale, suburb Marsden.

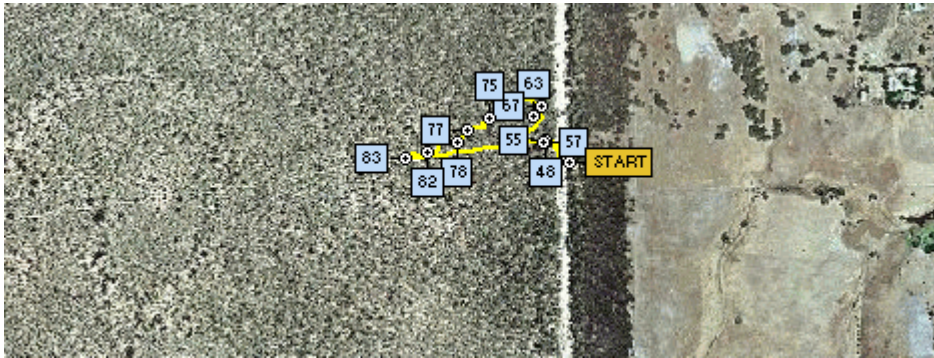


Aerial photo showing the colour coded tracks for the eleven Lowlands forays on 20, 21 May and 25 June 2006.

Georeferenced Track and Photos

Date : 20 May 2006







Group: Mark Brundrett, Roz Hart, Sarah de Bueger and Midge Richardson.



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** preceding the fungus name which correlates with the site on the map above.

| | |
|--|---|
| | <p>48 <i>Inocybe</i> sp. Photographer Sarah de Bueger <u>Specimen ID:</u>1789</p> <p>Growing in sand in jarrah, banksia, woody pear woodland. Latitude: -32° 19' 10.50" Longitude: 115° 55' 30.72" Easting:398830 Northing: 6423632 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB048</p> |
| | <p>55 <i>Amanita</i> sp. Photographer Sarah de Bueger <u>Specimen ID:</u>1790</p> <p>Growing in sand in jarrah, banksia, woody pear woodland. Latitude: -32° 19' 10.42" Longitude: 115° 55' 30.74" Easting:398830 Northing: 6423635 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB055</p> |
| | <p>57 Undetermined Truffle Photographer Sarah de Bueger <u>Specimen ID:</u>1791</p> <p>Growing under litter in sand under jarrah. Latitude: -32° 19' 10.52" Longitude: 115° 55' 30.68" Easting:398829 Northing: 6423631 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB057</p> |
| | <p>63 Undetermined Bolete Photographer Sarah de Bueger <u>Specimen ID:</u>1792</p> <p>Growing in sand within litter in sheoak woodland. Latitude: -32° 19' 8.82" Longitude: 115° 55' 29.86" Easting:398807 Northing: 6423684 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB063</p> |

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|  | <p>67 Undetermined Skin Fungus Photographer Sarah de Bueger <u>Specimen ID:</u>1793</p> <p>Growing on dead banksia stump. Latitude: -32° 19' 8.16" Longitude: 115° 55' 30.43" Easting:398822 Northing: 6423704 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB067</p> |
|  | <p>75 Undetermined Skin Fungus Photographer Sarah de Bueger <u>Specimen ID:</u>1794</p> <p>Growing on dead eucalypt wood in jarrah, banksia, woody pear woodland. Latitude: -32° 19' 8.98" Longitude: 115° 55' 26.47" Easting:398718 Northing: 6423678 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB075</p> |
|  | <p>77 <i>Phellinus</i> sp. Photographer Sarah de Bueger <u>Specimen ID:</u>1795</p> <p>Growing on live <i>Allocasuarina fraseriana</i> in banksias, sheoak open woodland. Latitude: -32° 19' 9.78" Longitude: 115° 55' 24.85" Easting:398676 Northing: 6423653 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB077</p> |
|  | <p>78 Undetermined Skin Fungus Photographer Sarah de Bueger <u>Specimen ID:</u>1796</p> <p>Growing in litter on stem of banksia cone in eucalyptus woodland. Latitude: -32° 19' 10.51" Longitude: 115° 55' 24.08" Easting:398656 Northing: 6423630 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB078</p> |
|  | <p>82 <i>Russula</i> sp. Photographer Sarah de Bueger <u>Specimen ID:</u>1797</p> <p>Growing in sand in banksias, sheoak open woodland. Latitude: -32° 19' 11.14" Longitude: 115° 55' 21.75" Easting:398596 Northing: 6423610 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB082</p> |
|  | <p>83 <i>Amanita</i> sp. Photographer Sarah de Bueger <u>Specimen ID:</u>1798</p> <p>Growing on litter in sand in eucalypt, woody pear, sheoak woodland. Latitude: -32° 19' 11.46" Longitude: 115° 55' 19.99" Easting:398550 Northing: 6423600 Zone: 50 Date: 20 May 2006 opt Image LL54_119SB083</p> |

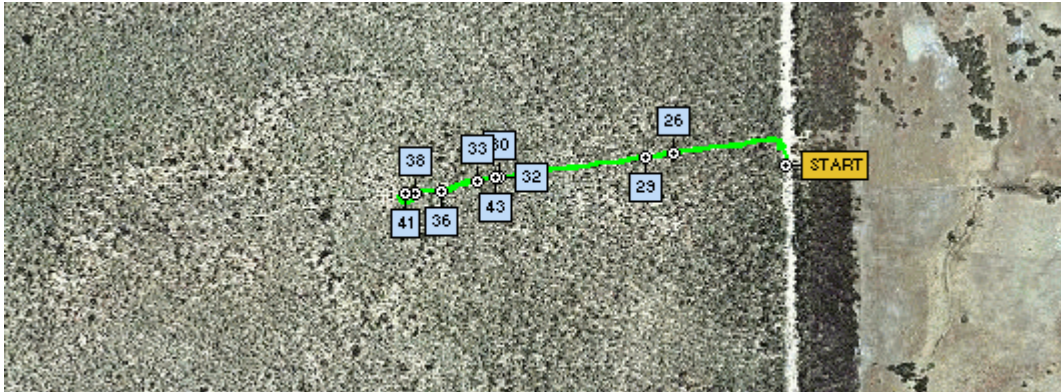


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Georeferenced Track and Photos

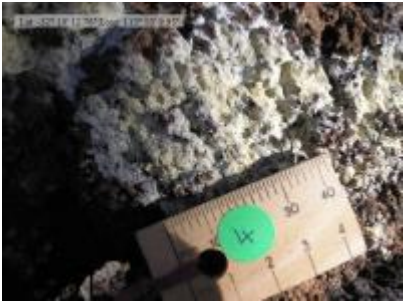





Date: 20 May 2006

Group: Karen Clarke, Joe Froudust, Rebecca Zappia and Kim Sarti.



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** preceding the fungus name which correlates with the site on the map above.

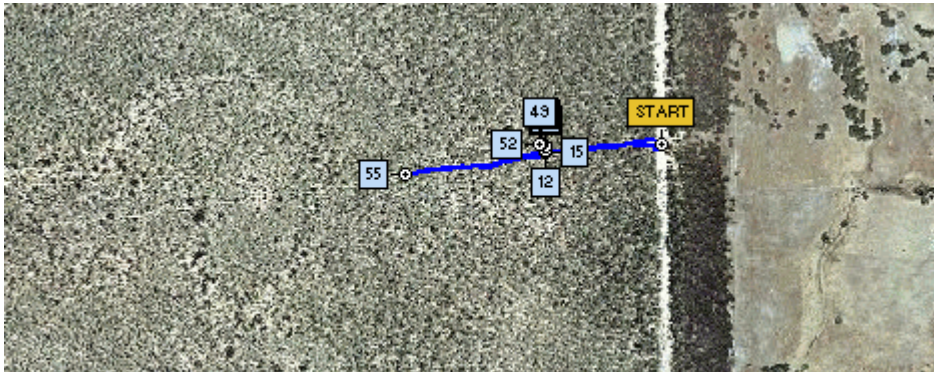
| | |
|--|--|
| | <p>26 Undetermined Bolete Photographer Joe Froudist <u>Specimen ID:</u> 1799 Growing in sand in jarrah, sheoak woodland. Latitude: -32° 19' 11.28" Longitude: 115° 55' 23.30" Easting:398636 Northing: 6423606 Zone: 50 Date: 20 May 2006 opt Image LL54_120JF026</p> |
| | <p>29 <i>Boletellus obscurecoccineus</i> Rhubarb Bolete Photographer Joe Froudist <u>Specimen ID:</u> 1800 Growing in sand in jarrah, banksia woodland. Latitude: -32° 19' 11.53" Longitude: 115° 55' 21.14" Easting:398580 Northing: 6423598 Zone: 50 Date: 20 May 2006 opt Image LL54_120JF029 Vouchered into WA Herbarium E8316</p> |
| | <p>30 <i>Campanella</i> sp. Photographer Joe Froudist <u>Specimen ID:</u> 1801 Growing on underside of dead banksia bark in jarrah, banksia woodland. Latitude: -32° 19' 12.76" Longitude: 115° 55' 9.98" Easting:398288 Northing: 6423557 Zone: 50 Date: 20 May 2006 opt Image LL54_120JF030</p> |

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|  | <p>32 <i>Hyphodontia</i> sp. Photographer Joe Froudist <u>Specimen ID:</u> 1802</p> <p>Growing on underside of dead banksia bark in jarrah, banksia woodland. Latitude: -32° 19' 12.76" Longitude: 115° 55' 9.95" Easting:398288 Northing: 6423557 Zone: 50 Date: 20 May 2006 opt Image LL54_120JF032</p> |
|  | <p>33 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer Joe Froudist <u>Specimen ID:</u> 1803</p> <p>Growing on dead spearwood in jarrah/banksia woodland. Latitude: -32° 19' 12.90" Longitude: 115° 55' 8.28" Easting:398244 Northing: 6423552 Zone: 50 Date: 20 May 2006 opt Image LL54_120JF033</p> |
|  | <p>36 <i>Scleroderma</i> sp. Photographer Joe Froudist <u>Specimen ID:</u> 1804</p> <p>Growing in sand in melaleuca woodland. Latitude: -32° 19' 13.53" Longitude: 115° 55' 5.53" Easting:398172 Northing: 6423532 Zone: 50 Date: 20 May 2006 opt Image LL54_120JF036</p> |
|  | <p>38 <i>Pleurotus australis</i> Australian Oyster Mushroom Photographer Joe Froudist <u>Specimen ID:</u> 1805</p> <p>Growing on living kunzea within melaleuca wetland. Latitude: -32° 19' 13.71" Longitude: 115° 55' 3.47" Easting:398118 Northing: 6423526 Zone: 50 Date: 20 May 2006 opt Image LL54_120JF038</p> |
|  | <p>41 <i>Tremella mesenterica</i> group Yellow Brain Fungus Photographer Joe Froudist <u>Specimen ID:</u> 1806</p> <p>Growing on dead kunzea within melaleuca forest, wetland. Latitude: -32° 19' 13.66" Longitude: 115° 55' 2.71" Easting:398099 Northing: 6423528 Zone: 50 Date: 20 May 2006 opt Image LL54_120JF041</p> |
|  | <p>43 <i>Pleurotus australis</i> Australian Oyster Mushroom Photographer Joe Froudist <u>Specimen ID:</u> 1807</p> <p>Growing on living mature kunzea within jarrah, banksia woodland. Latitude: -32° 19' 12.73" Longitude: 115° 55' 9.68" Easting:398281 Northing: 6423558 Zone: 50 Date: 20 May 2006 opt Image LL54_120JF043 Vouchered into the WA Herbarium E8311</p> |

Georeferenced Track and Photos






Date: 20 May 2006

Group: Elaine Davison, Anthony Francis, Mary Gray and Peter Davison.



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** preceding the fungus name which correlates with the site on the map above.

| | |
|--|---|
| | <p>12 <i>Trichia ferruginea</i> Slime Mould Photographer Anthony Francis <u>Specimen ID:</u> 1808 Growing in sand on dead wood (possibly casuarina) in woodland. Latitude: -32° 19' 11.14" Longitude: 115° 55' 23.04" Easting:398630 Northing: 6423611 Zone: 50 Date: 20 May 2006 opt Image LL54_121AF012</p> |
| | <p>15 Undetermined Bolete <u>Specimen ID:</u> 1809 Photographer Anthony Francis Growing in sand on dead wood (possibly casuarina) in woodland. Latitude: -32° 19' 11.14" Longitude: 115° 55' 23.07" Easting:398630 Northing: 6423611 Zone: 50 Date: 20 May 2006 opt Image LL54_121AF015</p> |
| | <p>22 <i>Arcyria</i> sp. Slime Mould Photographer Anthony Francis <u>Specimen ID:</u> 1810 Growing on dead wood (possibly casuarina) in woodland. Latitude: -32° 19' 11.14" Longitude: 115° 55' 23.08" Easting:398631 Northing: 6423611 Zone: 50 Date: 20 May 2006 opt Image LL54_121AF022</p> |

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|---|--|
|  | <p>23 Undetermined Ascomycete Photographer Anthony Francis <u>Specimen ID:</u> 1811 Growing on dead wood (possibly casuarina) in woodland. Latitude: -32° 19' 11.11" Longitude: 115° 55' 23.10" Easting:398631 Northing: 6423611 Zone: 50 Date: 20 May 2006 opt Image LL54_121AF023</p> |
|  | <p>31 Undetermined Resupinate Photographer Anthony Francis <u>Specimen ID:</u> 1812 Growing on dead wood (possibly casuarina) in woodland. Latitude: -32° 19' 11.02" Longitude: 115° 55' 23.15" Easting:398632 Northing: 6423614 Zone: 50 Date: 20 May 2006 opt Image LL54_121AF031</p> |
|  | <p>37 <i>Byssomerulius corium</i> Bysso Skin Fungus Photographer Anthony Francis <u>Specimen ID:</u> 1813 Growing on dead casuarina wood in woodland. Latitude: -32° 19' 10.81" Longitude: 115° 55' 23.09" Easting:398631 Northing: 6423621 Zone: 50 Date: 20 May 2006 opt Image LL54_121AF037</p> |
|  | <p>41 <i>Campanella</i> sp. Photographer Anthony Francis <u>Specimen ID:</u> 1814 Growing on dead casuarina wood in woodland. Latitude: -32° 19' 10.74" Longitude: 115° 55' 23.05" Easting:398630 Northing: 6423623 Zone: 50 Date: 20 May 2006 opt Image LL54_121AF041</p> |
|  | <p>044 <i>Scutellinia</i> sp. Photographer Anthony Francis <u>Specimen ID:</u> 1815 Growing on dead casuarina needle leaf litter in woodland. Latitude: -32° 19' 10.57" Longitude: 115° 55' 22.79" Easting:398623 Northing: 6423628 Zone: 50 Date: 20 May 2006 opt Image LL54_121AF044</p> |



049 Amanita sp.

Photographer Anthony Francis

Specimen ID: 1816

Growing in soil amongst dead leaf litter under casuarina, banksia, woody pear woodland.

Latitude: -32° 19' 10.60" Longitude: 115° 55' 22.67"

Easting:398620 Northing: 6423627 Zone: 50

Date: 20 May 2006

opt Image LL54_121AF049



052 Undetermined Jelly Fungus

Photographer Anthony Francis

Specimen ID: 1817

Growing on dead banksia stick on ground in woodland.

Latitude: -32° 19' 10.60" Longitude: 115° 55' 22.62"

Easting:398618 Northing: 6423627 Zone: 50

Date: 20 May 2006

opt Image LL54_121AF052



055 Pycnoporus coccineus

Scarlet Bracket Fungus

Photographer Anthony Francis

Specimen ID: 1818

Growing on dead kunzea wood within kunzea shrubland/woodland.

Latitude: -32° 19' 12.53" Longitude: 115° 55' 12.35"

Easting:398350 Northing: 6423565 Zone: 50

Date: 20 May 2006

opt Image LL54_121AF055

Georeferenced Track and Photos







Date: 20 May 2006

Group: Kevn Griffiths, Phylis Robertson, Neil Goldsborough and Margaret Langley.



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** preceding the fungus name which correlates with the site on the map above.

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| | <p>05 <i>Arcyria</i> sp. Slime Mould Photographer Kevn Griffiths <u>Specimen ID:1819</u> Growing on inside surface of banksia bark Latitude: -32° 19' 11.42" Longitude: 115° 55' 30.90" Easting:398835 Northing: 6423604 Zone: 50 Date: 20 May 2006 opt Image LL54_122KG005</p> |
| | <p>08 <i>Hyphodontia</i> sp. <u>Specimen ID:1820</u> Photographer Kevn Griffiths Growing on bark within banksia, jarrah woodland. Latitude: -32° 19' 11.47" Longitude: 115° 55' 30.90" Easting:398835 Northing: 6423602 Zone: 50 Date: 20 May 2006 opt Image LL54_122KG008</p> |
| | <p>10 <i>Campanella</i> sp. <u>Specimen ID:1821</u> Photographer Kevn Griffiths Growing on dead <i>Banksia attenuata</i> bark within banksia, jarrah woodland. Latitude: -32° 19' 11.52" Longitude: 115° 55' 30.90" Easting:398835 Northing: 6423601 Zone: 50 Date: 20 May 2006 opt Image LL54_122KG010 Vouchered into WA Herbarium E8314</p> |

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|  | <p>15 <i>Amanita</i> sp. Photographer Kevn Griffiths <u>Specimen ID:</u>1822</p> <p>Growing under litter within woodland. Latitude: -32° 19' 11.60" Longitude: 115° 55' 31.02" Easting:398838 Northing: 6423598 Zone: 50 Date: 20 May 2006 opt Image LL54_122KG015</p> <p>Vouchered into WA Herbarium E8315</p> |
|  | <p>17 Undetermined Skin Fungus Photographer Kevn Griffiths <u>Specimen ID:</u>1823</p> <p>Growing on banksia nut within litter of woodland. Latitude: -32° 19' 12.29" Longitude: 115° 55' 30.25" Easting:398818 Northing: 6423577 Zone: 50 Date: 20 May 2006 opt Image LL54_122KG017</p> |
|  | <p>18 <i>Amanita</i> sp. Photographer Kevn Griffiths <u>Specimen ID:</u>1824</p> <p>Growing under litter within woodland. Latitude: -32° 19' 12.08" Longitude: 115° 55' 30.46" Easting:398824 Northing: 6423583 Zone: 50 Date: 20 May 2006 opt Image LL54_122KG018</p> |
|  | <p>21 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer Kevn Griffiths <u>Specimen ID:</u>1825</p> <p>Growing on dead wood within woodland. Latitude: -32° 19' 11.91" Longitude: 115° 55' 30.44" Easting:398823 Northing: 6423589 Zone: 50 Date: 20 May 2006 opt Image LL54_122KG021</p> |
|  | <p>22 <i>Aleurodiscus</i> sp. Orange Aleurodiscus Photographer Kevn Griffiths <u>Specimen ID:</u>1826</p> <p>Growing on dead banksia cone within woodland. Latitude: -32° 19' 12.03" Longitude: 115° 55' 29.87" Easting:398808 Northing: 6423585 Zone: 50 Date: 20 May 2006 opt Image LL54_122KG022</p> <p>Vouchered into WA Herbarium BOU187</p> |
|  | <p>28 <i>Mycena</i> sp. Photographer Kevn Griffiths <u>Specimen ID:</u>1827</p> <p>Growing on dead wood within woodland. Latitude: -32° 19' 12.77" Longitude: 115° 55' 29.17" Easting:398790 Northing: 6423562 Zone: 50 Date: 20 May 2006 opt Image LL54_122KG028</p> |



31 *Perenniporia ochroleuca*

Photographer Kevn Griffiths

Specimen ID:1828

Growing on dead sheoak bark in woodland.

Latitude: -32° 19' 12.78" Longitude: 115° 55' 29.10"

Easting:398788 Northing: 6423562 Zone: 50

Date: 20 May 2006

opt Image LL54_122KG031



36 *Polyporus badius*

Photographer Kevn Griffiths

Specimen ID:1829

Growing on dead banksia cone in woodland.

Latitude: -32° 19' 13.69" Longitude: 115° 55' 27.88"

Easting:398757 Northing: 6423533 Zone: 50

Date: 20 May 2006

opt Image LL54_122KG036

Georeferenced Track and Photos

Date: 20 May 2006

Group: Jolanda Keeble, Louise Little and Mark Angeloni.



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** preceding the fungus name which correlates with the site on the map above.



20 *Campanella sp.*

Photographer Jolanda Keeble

Specimen ID: 1830

Growing on dead banksia wood in banksia jarrah woodland.

Latitude: -32° 19' 12.00" Longitude: 115° 55' 28.16"

Easting:398764 Northing: 6423585 Zone: 50

Date: 20 May 2006

opt Image LL54_123JK020

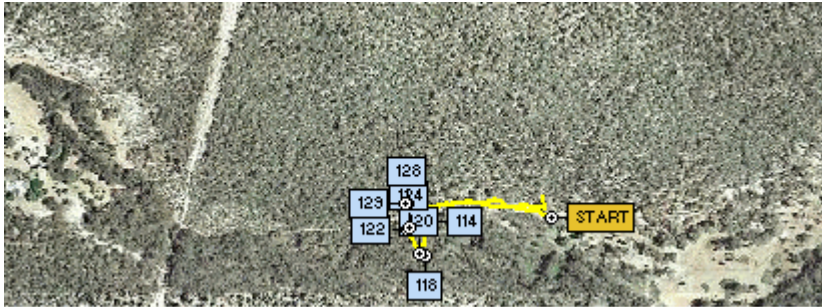
Perth Urban Bushland Fungi Project, Lowlands Bushland Fungi Report 2006

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|  | <p>22 <i>Hyphodontia</i> sp. Photographer Jolanda Keeble <u>Specimen ID:</u> 1831</p> <p>Growing on dead banksia wood lying in sand in woodland. Latitude: -32° 19' 11.88" Longitude: 115° 55' 28.22" Easting:398765 Northing: 6423589 Zone: 50 Date: 20 May 2006 opt Image LL54_123JK022</p> |
|  | <p>26 <i>Amanita</i> sp. Photographer Jolanda Keeble <u>Specimen ID:</u> 1832</p> <p>Growing in sand in woodland. Latitude: -32° 19' 11.53" Longitude: 115° 55' 27.48" Easting:398746 Northing: 6423600 Zone: 50 Date: 20 May 2006 opt Image LL54_123JK026</p> |
|  | <p>29 <i>Amanita</i> sp. Photographer Jolanda Keeble <u>Specimen ID:</u> 1833</p> <p>Growing in sand in woodland. Latitude: -32° 19' 11.76" Longitude: 115° 55' 27.45" Easting:398745 Northing: 6423593 Zone: 50 Date: 20 May 2006 opt Image LL54_123JK029 Vouchered in WA Herbarium E8317</p> |
|  | <p>33 Undetermined Bolete Photographer Jolanda Keeble <u>Specimen ID:</u> 1834</p> <p>Growing in sand within woodland. Latitude: -32° 19' 12.83" Longitude: 115° 55' 28.81" Easting:398781 Northing: 6423560 Zone: 50 Date: 20 May 2006 opt Image LL54_123JK033</p> |
|  | <p>39 <i>Amanita</i> sp. Photographer Jolanda Keeble <u>Specimen ID:</u> 1835</p> <p>Growing in sand of power line easement. Latitude: -32° 19' 13.41" Longitude: 115° 55' 32.30" Easting:398872 Northing: 6423543 Zone: 50 Date: 20 May 2006 opt Image LL54_123JK039</p> |

Georeferenced Track and Photos

Date: 21 May 2006





Group: Jolanda Keeble, Joe Froudist and Peter Davison



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** preceding the fungus name which correlates with the site on the map above.

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| | <p>114 <i>Phellinus</i> sp. Photographer Jolanda Keeble <u>Specimen ID:</u> 1836</p> <p>Growing on live flooded gum in flooded gum forest. Latitude: -32° 20' 11.12" Longitude: 115° 54' 41.66" Easting:397566 Northing: 6421753 Zone: 50 Date: 21 May 2006 opt Image LL54_124JK114</p> |
| | <p>118 <i>Stereum</i> sp. Photographer Jolanda Keeble <u>Specimen ID:</u> 1837</p> <p>Growing on dead wood (possibly acacia) in flooded gum forest. Latitude: -32° 20' 13.24" Longitude: 115° 54' 41.16" Easting:397554 Northing: 6421687 Zone: 50 Date: 21 May 2006 opt Image LL54_124JK118</p> |
| | <p>120 <i>Phellinus</i> sp. Photographer Jolanda Keeble <u>Specimen ID:</u> 1838</p> <p>Growing on live flooded gum in flooded gum forest. Latitude: -32° 20' 13.09" Longitude: 115° 54' 40.76" Easting:397543 Northing: 6421692 Zone: 50 Date: 21 May 2006 opt Image LL54_124JK120</p> |

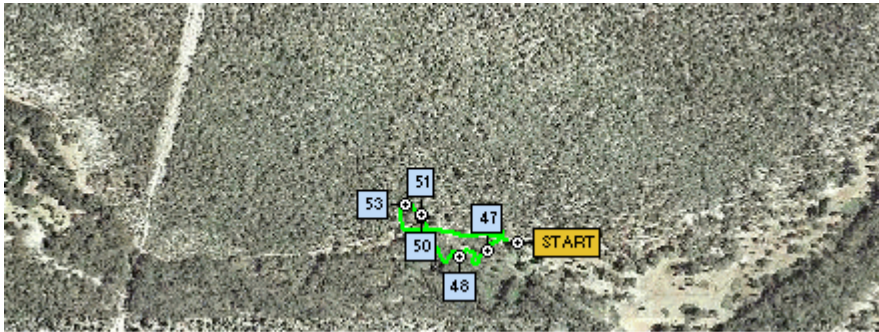
Perth Urban Bushland Fungi Project, Lowlands Bushland Fungi Report 2006

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|  | <p>122 <i>Fomitopsis lilacinogilva</i> Lilac Bracket Fungus Photographer Jolanda Keeble <u>Specimen ID:</u> 1839</p> <p>Growing on live wood in flooded gum forest. Latitude: -32° 20' 11.53" Longitude: 115° 54' 39.91" Easting:397520 Northing: 6421739 Zone: 50 Date: 21 May 2006 opt Image LL54_124JK122</p> |
|  | <p>124 <i>Campanella</i> sp. Photographer Jolanda Keeble <u>Specimen ID:</u> 1840</p> <p>Growing on dead wood in flooded gum forest. Latitude: -32° 20' 11.41" Longitude: 115° 54' 40.06" Easting:397525 Northing: 6421743 Zone: 50 Date: 21 May 2006 opt Image LL54_124JK124</p> |
|  | <p>128 <i>Pleurotus australis</i> Australian Oyster Mushroom Photographer Jolanda Keeble <u>Specimen ID:</u> 1841</p> <p>Growing on dead spearwood in tuart, jarrah, mixed banksia, kunzea woodland. Latitude: -32° 20' 9.88" Longitude: 115° 54' 39.85" Easting:397518 Northing: 6421790 Zone: 50 Date: 21 May 2006 opt Image LL54_124JK128</p> |
|  | <p>129 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer Jolanda Keeble <u>Specimen ID:</u> 1842</p> <p>Growing on dead wood in tuart, jarrah, mixed banksia, kunzea woodland. Latitude: -32° 20' 9.92" Longitude: 115° 54' 39.79" Easting:397517 Northing: 6421789 Zone: 50 Date: 21 May 2006 opt Image LL54_124JK129</p> |

Georeferenced Track and Photos

Date: 21 May 2006

Group: Kevn Griffiths, Rebecca Zappia, Louise Little and Midge Richardson.



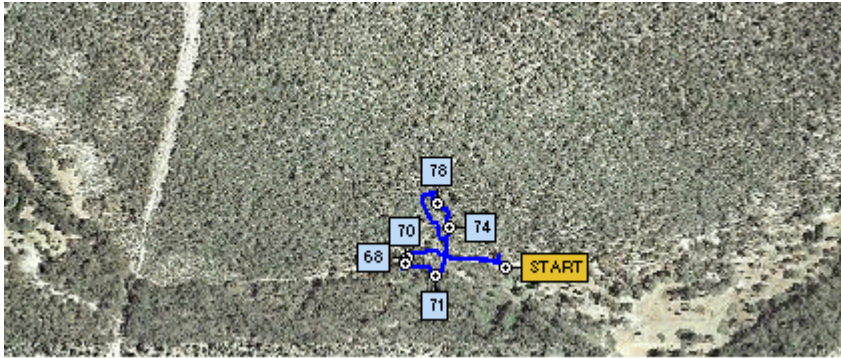
The numbers on the coloured dots in the fungi photos correspond to the collecting number and usually **do not** match the photo number. It is the **photo number** preceding the fungus name which correlates with the site on the map above.

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| | <p>47 <i>Phellinus</i> sp. Photographer Roz Hart <u>Specimen ID:</u> 1843</p> <p>Growing on flooded gum wood in flooded gum woodland Latitude: -32° 20' 11.40" Longitude: 115° 54' 49.10" Easting:397761 Northing: 6421746 Zone: 50 Date: 21 May 2006 opt Image LL54_125RZ047</p> |
| | <p>48 Undetermined Skin Fungus Photographer Roz Hart <u>Specimen ID:</u> 1844</p> <p>Growing on dead wood in woodland. Latitude: -32° 20' 11.72" Longitude: 115° 54' 46.85" Easting:397702 Northing: 6421735 Zone: 50 Date: 21 May 2006 opt Image LL54_125RZ048</p> |
| | <p>50 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer Roz Hart <u>Specimen ID:</u> 1845</p> <p>Growing on dead wood in shrubland. Latitude: -32° 20' 9.17" Longitude: 115° 54' 44.07" Easting:397629 Northing: 6421813 Zone: 50 Date: 21 May 2006 opt Image LL54_125RZ050</p> |
| | <p>53 <i>Campanella</i> sp. Photographer Roz Hart <u>Specimen ID:</u> 1847</p> <p>Growing on the underside of dead banksia in mixed tuart, <i>Banksia ilicifolia</i> woodland. Latitude: -32° 20' 8.36" Longitude: 115° 54' 42.78" Easting:397595 Northing: 6421838 Zone: 50 Date: 21 May 2006 opt Image LL54_125RZ053</p> |

Georeferenced Track and Photos

Date: 21 May 2006

Group: Mark Brundrett, Roz Hart, Neil Goldsborough and Phylis Robertson.



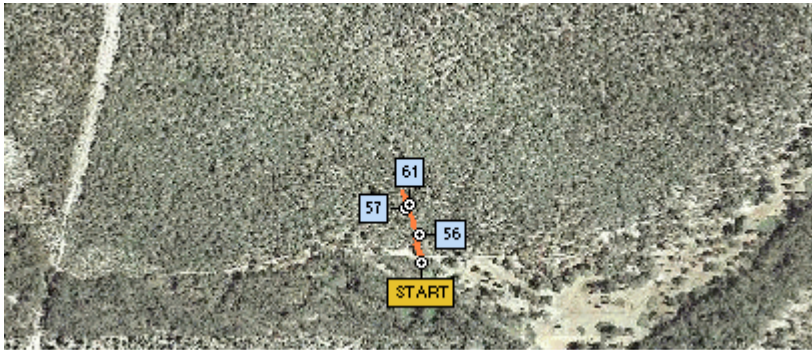
The numbers on the coloured dots in the fungi photos correspond to the collecting number and usually **do not** match the photo number. It is the **photo number** preceding the fungus name which correlates with the site on the map above.

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| | <p>68 <i>Schizophyllum commune</i> Split Gill Fungus Photographer Phylis Robertson <u>Specimen ID:</u> 1848</p> <p>Growing on dead <i>Acacia saligna</i> in tuart woodland Latitude: -32° 20' 10.14" Longitude: 115° 54' 43.17" Easting:397605 Northing: 6421783 Zone: 50 Date: 21 May 2006 opt Image LL54_126PR068</p> |
| | <p>70 <i>Phellinus</i> sp. Photographer Phylis Robertson <u>Specimen ID:</u> 1849</p> <p>Growing on live wood in woodland Latitude: -32° 20' 10.61" Longitude: 115° 54' 43.06" Easting:397603 Northing: 6421769 Zone: 50 Date: 21 May 2006 opt Image LL54_126PR070</p> |
| | <p>74 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer Phylis Robertson <u>Specimen ID:</u> 1851</p> <p>Growing on dead kunzea in woodland. Latitude: -32° 20' 8.20" Longitude: 115° 54' 46.48" Easting:397691 Northing: 6421844 Zone: 50 Date: 21 May 2006 opt Image LL54_126PR074</p> |

Georeferenced Track and Photos

Date: 21 May 2006

Group: Elaine Davison, Sarah de Bueger and Mark Angeloni.



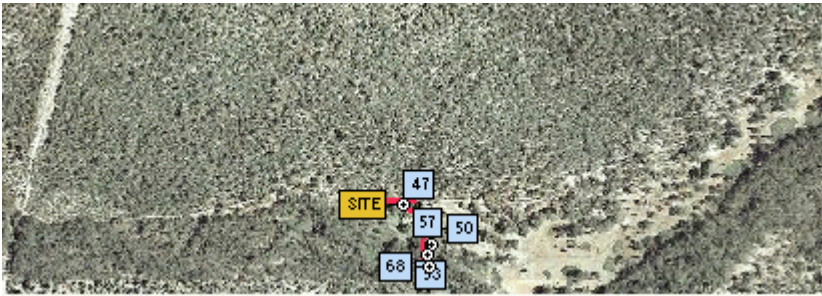
The numbers on the coloured dots in the fungi photos correspond to the collecting number and usually **do not** match the photo number. It is the **photo number** which correlates with the site on the map above.

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| | <p>56 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer Elaine Davison Specimen ID: 1853</p> <p>Growing on dead exposed branches in kunzea shrubland. Latitude: -32° 20' 9.14" Longitude: 115° 54' 50.31" Easting:397792 Northing: 6421816 Zone: 50 Date: 21 May 2006 opt Image LL54_127ED056</p> |
| | <p>57 <i>Perenniporia ochroleuca</i> Photographer Elaine Davison Specimen ID: 1854</p> <p>Growing on dead casuarina wood in banksia/<i>Allocasuarina fraseriana</i> woodland with some jarrah present. Latitude: -32° 20' 7.52" Longitude: 115° 54' 49.31" Easting:397765 Northing: 6421865 Zone: 50 Date: 21 May 2006 opt Image LL54_127ED057</p> |
| | <p>61 <i>Schizopora</i> sp. Skin Fungus Photographer Elaine Davison Specimen ID: 1855</p> <p>Growing partially buried in litter on dead <i>Banksia attenuata</i> bark in <i>Allocasuarina fraseriana</i>/banksia woodland. Latitude: -32° 20' 7.18" Longitude: 115° 54' 49.52" Easting:397770 Northing: 6421876 Zone: 50 Date: 21 May 2006 opt Image LL54_127ED061</p> |

Georeferenced Track and Photos

Date: 21 May 2006

Group: Anthony Francis, Karen Clarke and Margaret Langley.



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** preceding the fungus name which correlates with the site on the map above.

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| | <p>42 <i>Lycoperdon</i> sp. Photographer Anthony Francis <u>Specimen ID:</u> 1856</p> <p>Growing in grey sand on edge of track near <i>Eucalyptus rudis</i> forest. Latitude: -32° 20' 10.93" Longitude: 115° 54' 51.62" Easting:397827 Northing: 6421761 Zone: 50 Date: 21 May 2006 opt Image LL54_128AF042</p> |
| | <p>47 <i>Pisolithus</i> sp. Dog Poo Fungus Photographer Anthony Francis <u>Specimen ID:</u> 1857</p> <p>Growing in disturbed cleared weedy area near track. Latitude: -32° 20' 11.62" Longitude: 115° 54' 52.81" Easting:397858 Northing: 6421740 Zone: 50 Date: 21 May 2006 opt Image LL54_128AF047</p> |
| | <p>50 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer Anthony Francis <u>Specimen ID:</u> 1858</p> <p>Growing on fallen, dead eucalyptus wood in cleared, weedy edge of forest. Latitude: -32° 20' 12.41" Longitude: 115° 54' 53.71" Easting:397882 Northing: 6421716 Zone: 50 Date: 21 May 2006 opt Image LL54_128AF050</p> |



53 *Laccaria* sp.

Photographer Anthony Francis

Specimen ID: 1859

Growing within litter in *Juncus pallidus* sedgeland

Latitude: -32° 20' 13.55" Longitude: 115° 54' 53.82"

Easting:397885 Northing: 6421681 Zone: 50

Date: 21 May 2006

opt Image LL54_128AF053



57 *Phellinus robustus* Woody Layered Bracket Fungus

Photographer Anthony Francis

Specimen ID: 1860

Growing on live *Eucalypt rudis* bark in *Eucalyptus rudis* woodland

Latitude: -32° 20' 14.19" Longitude: 115° 54' 53.38"

Easting:397874 Northing: 6421661 Zone: 50

Date: 21 May 2006

opt Image LL54_128AF057



68 *Mycoacia subceracea*

Golden Splash Tooth

Photographer Anthony Francis

Specimen ID: 1861

Growing on dead fallen *Eucalyptus rudis* log on *Eucalypt rudis* woodland

Latitude: -32° 20' 14.92" Longitude: 115° 54' 53.65"

Easting:397881 Northing: 6421639 Zone: 50

Date: 21 May 2006

opt Image LL54_128AF068




Lowlands Walk

Date: 25 June 2006







Conducted by the following members of the WA Naturalists Club Fungi group: Roz Hart, Jolanda Keeble, Patricia and Des Gurry, Elaine and Peter Davison, Joe Froudist, Phylis Robertson, Louise Little and accompanied by Mark Angeloni and Midge Richardson of Lowlands.









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** preceding the fungus number which correlates with the site on the map above.






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|  | <p>02 <i>Scleroderma</i> sp. Photographer Roz Hart <u>Specimen ID:</u> 2104</p> <p>Growing in sand. Latitude: -32° 19' 10.92" Longitude: 115° 55' 31.98" Easting:398863 Northing: 6423620 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH02</p> |
|  | <p>04 <i>Russula clelandii</i> Photographer Roz Hart <u>Specimen ID:</u> 2105</p> <p>Growing in sand under litter in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 11.35" Longitude: 115° 55' 33.72" Easting:398909 Northing: 6423607 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH04</p> |
|  | <p>05 <i>Cortinarius</i> sp. Photographer Roz Hart <u>Specimen ID:</u> 2106</p> <p>Growing in sand under litter in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 11.65" Longitude: 115° 55' 33.72" Easting:398909 Northing: 6423597 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH05</p> |

Perth Urban Bushland Fungi Project, Lowlands Bushland Fungi Report 2006

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|  | <p>06 <i>Cortinarius</i> sp. Photographer Roz Hart <u>Specimen ID:</u> 2107</p> <p>Growing in sand under litter in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 10.57" Longitude: 115° 55' 29.20" Easting:398790 Northing: 6423629 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH06</p> |
|  | <p>08 Undetermined Bolete Photographer Roz Hart <u>Specimen ID:</u> 2108</p> <p>Growing in sand under litter in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 10.86" Longitude: 115° 55' 27.80" Easting:398754 Northing: 6423620 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH08</p> |
|  | <p>09 <i>Omphalotus nidiformis</i> Ghost Fungus Photographer Roz Hart <u>Specimen ID:</u> 2109</p> <p>Growing on dead Banksia wood in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 11.28" Longitude: 115° 55' 26.26" Easting:398714 Northing: 6423607 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH09</p> |
|  | <p>10 <i>Cortinarius</i> sp. Photographer Roz Hart <u>Specimen ID:</u> 2110</p> <p>Growing in sand under litter in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 11.11" Longitude: 115° 55' 26.08" Easting:398709 Northing: 6423612 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH10</p> |
|  | <p>12 <i>Amanita</i> sp. Photographer Roz Hart <u>Specimen ID:</u> 2111</p> <p>Growing in sand under litter in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 11.02" Longitude: 115° 55' 26.08" Easting:398709 Northing: 6423615 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH12</p> |
|  | <p>16 Undetermined Bolete (parasitised) Photographer Roz Hart <u>Specimen ID:</u> 2113</p> <p>Growing in sand under litter in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 11.29" Longitude: 115° 55' 22.83" Easting:398624 Northing: 6423606 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH16</p> |

Perth Urban Bushland Fungi Project, Lowlands Bushland Fungi Report 2006

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|  | <p>17 <i>Amanita</i> sp. Photographer Roz Hart <u>Specimen ID:</u> 2114</p> <p>Growing in sand under litter in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 11.60" Longitude: 115° 55' 19.99" Easting:398550 Northing: 6423595 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH17</p> |
|  | <p>19 <i>Gymnopilus allantopus</i> Golden Wood Fungus Photographer Roz Hart <u>Specimen ID:</u> 2115</p> <p>Growing on dead jarrah wood in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 11.60" Longitude: 115° 55' 19.99" Easting:398550 Northing: 6423595 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH19</p> |
|  | <p>20 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer Roz Hart <u>Specimen ID:</u> 2116</p> <p>Growing on dead paperbark wood in melaleuca woodland. Latitude: -32° 19' 14.49" Longitude: 115° 55' 1.13" Easting:398058 Northing: 6423501 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH20</p> |
|  | <p>21 <i>Pleurotus australis</i> Australian Oyster Fungus Photographer Roz Hart <u>Specimen ID:</u> 2117</p> <p>Growing on dead kunzea wood in melaleuca woodland. Latitude: -32° 19' 13.98" Longitude: 115° 55' 0.41" Easting:398039 Northing: 6423517 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH21</p> |
|  | <p>27 <i>Schizophyllum commune</i> Split Gill Fungus Photographer Roz Hart <u>Specimen ID:</u> 2118</p> <p>Growing on dying <i>Acacia saligna</i> wood in melaleuca woodland. Latitude: -32° 19' 13.91" Longitude: 115° 55' 0.70" Easting:398046 Northing: 6423519 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH27</p> |
|  | <p>31 <i>Panus fasciatus</i> Hairy Panus Photographer Roz Hart <u>Specimen ID:</u> 2119</p> <p>On dead kunzea in wetland. Latitude: -32° 19' 13.59" Longitude: 115° 55' 3.86" Easting:398129 Northing: 6423530 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH31</p> |

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|  | <p>33 <i>Pleurotus australis</i> Australian Oyster Mushroom Photographer Roz Hart <u>Specimen ID: 2120</u></p> <p>On live kunzea in wetland. Latitude: -32° 19' 12.83" Longitude: 115° 55' 9.42" Easting:398274 Northing: 6423555 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH33</p> |
|  | <p>40 <i>Fistulina hepatica</i> Beefsteak Fungus Photographer Roz Hart <u>Specimen ID: 2122</u></p> <p>Growing on live jarrah in jarrah woodland. Latitude: -32° 19' 11.21" Longitude: 115° 55' 19.99" Easting:398550 Northing: 6423608 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH40</p> |
|  | <p>42 <i>Mycena</i> sp. <u>Specimen ID: 2123</u> Photographer Roz Hart</p> <p>Growing on jarrah seed capsule in jarrah woodland. Latitude: -32° 19' 11.21" Longitude: 115° 55' 20.05" Easting:398551 Northing: 6423608 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH42</p> |
|  | <p>43 <i>Ganoderma</i> sp. <u>Specimen ID: 2124</u> Photographer Roz Hart</p> <p>Growing on dead eucalyptus wood. Latitude: -32° 19' 10.84" Longitude: 115° 55' 27.23" Easting:398739 Northing: 6423621 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH43</p> |
|  | <p>56 <i>Amanita</i> sp. <u>Specimen ID: 2125</u> Photographer Roz Hart</p> <p>Growing in sand under litter in mixed jarrah, sheoak, banksia woodland. Latitude: -32° 19' 10.59" Longitude: 115° 55' 30.87" Easting:398834 Northing: 6423629 Zone: 50 Date: 25 Jun 2006 opt Image LL58_152RH56</p> |