



Perth
Urban
Bushland
Fungi

Periwinkle Bush Fungi Report 2005

Thirty six people attended the PUBF Fungi walk at Periwinkle Bush on 9 July 2005, held between 10am-12pm.

The walk was organised together with the Friends of Periwinkle Bush. There were 3 groups for the foraying led by Phylis Robertson and Roz Hart, Jolanda Keeble, Jane Bracken and Louise Little, all Leaders from the PUBF



Quite a crowd for the foray, in fine weather



Demonstrating use of the new field book



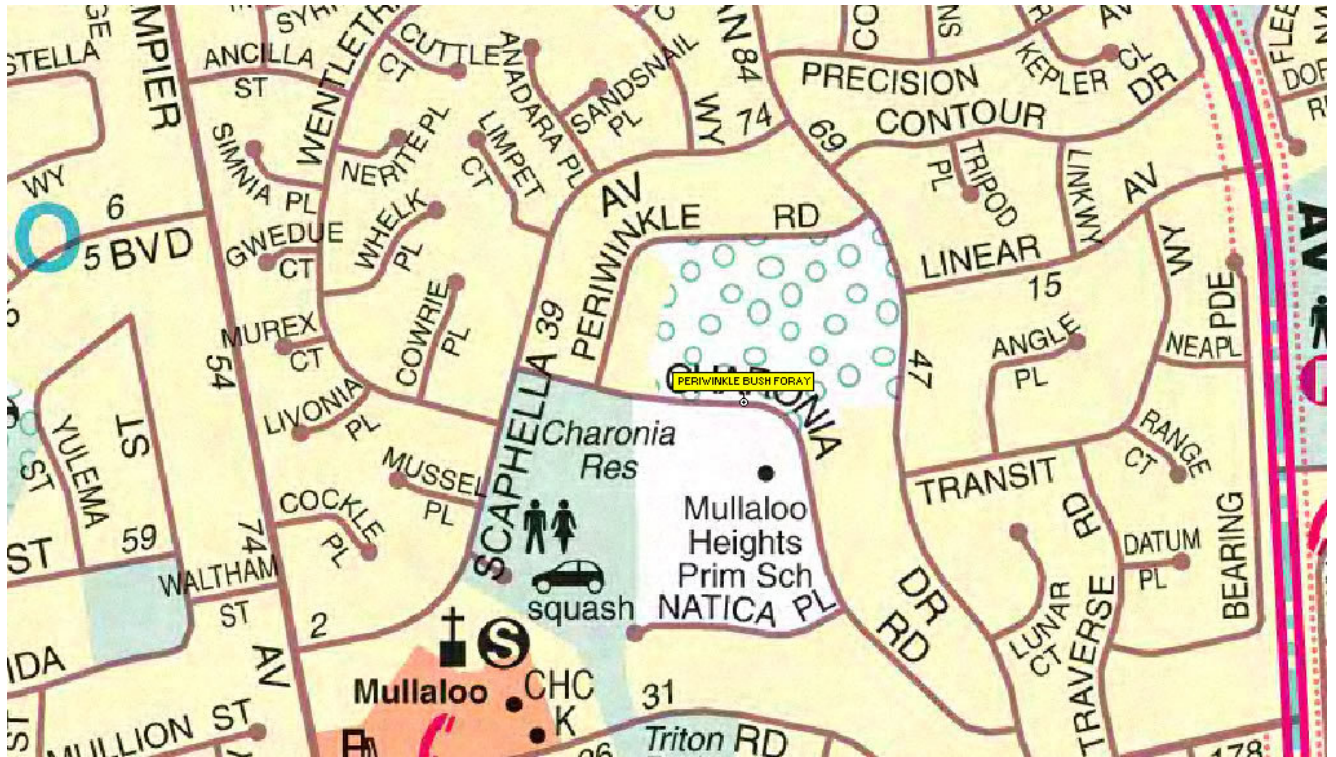
Project field book and poster on display
Project.



Listening intently

Recommendation: This event has allowed us to produce the **first ever inventory of fungi for Periwinkle Bush.** 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.





StreetExpress Map showing the location of Periwinkle Bush in Mullaloo.



Aerial photo showing the track for Phylis Robertson and Roz Hart's group in blue, Jolanda Keeble's group in green, and Jane Bracken and Louise Little's group in red.

Periwinkle Bush Fungi List, 9 July 2005

A striking resupinate fungus observed on rotting *Banksia* wood at Periwinkle Bushland is the bright orange-pored fungus specimen ID 1450. Further study is needed to confirm the identity of this fungus. Resupinate fungi are those which produce crust-like or skin-like fruit bodies usually on wood. These fungi are important decomposers of wood, recycling nutrients back into the soil for re-use by other organisms. Specimens of Golden Tuart *Cortinarius* were abundant at Periwinkle and often colonised by masses of springtail insects. These insects seem to favour this particular fungus and pock-mark the fruit bodies wherever they occur.

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>Agaricus</i> sp.		mushroom	litter/ground	S	--	1449
<i>Clitocybe</i> sp.		mushroom	litter/ground	S	--	1435, 1439, 1470
<i>Coprinus</i> cf. <i>picaceus</i> group	WA Magpie Fungus	mushroom	litter/ground	S	J-5	1446
<i>Coprinus</i> sp.		mushroom	litter/ground	S	--	1433
<i>Coprinus truncorum/micaceus</i>	Glistening Ink Cap	mushroom	dead wood	S	J-10	1456, 1472
<i>Cortinarius ochraceofulvus</i>	Golden Tuart Cortinarius	mushroom	litter/ground	M	J-11	1441, 1460, 1464
<i>Cortinarius</i> sp.		mushroom	litter/ground	M	--	1438
<i>Crepidotus</i> sp.		shell	dead wood	S	--	1442, 1465
<i>Galerina</i> sp.		mushroom	litter/ground	S	--	1444
<i>Gymnopilus allantopus</i>	Golden Wood Fungus	mushroom	dead wood	S	J-15	1471
<i>Harknessia uromycoides</i>	Tuart Nut Fungus	pustules	dead wood	S	C-1	1440
<i>Inocybe</i> sp.		mushroom	litter/ground	M	--	1436
<i>Melanoleuca fusca</i>	Dark Melanoleuca	mushroom	litter/ground	S	J-19	1431, 1448, 1459
<i>Mycoacia subceracea</i>	Golden Splash Tooth	resupinate	dead wood	S	O-4	1461, 1469
<i>Omphalotus nidiformis</i>	Ghost Fungus	mushroom	dead wood	S/P	J-21	1451
<i>Peniophora</i> sp.		resupinate	dead wood	S	--	1454

Perth Urban Bushland Fungi Project, Periwinkle Bush 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>Phellinus robustus</i>	Woody Layered Bracket Fungus	bracket	dead wood	S	N-6	1473
<i>Pisolithus</i> sp.	Dog Poo Fungus	puffball	litter/ground	M	L-3	1443
<i>Poria</i> sp.		resupinate	dead wood	S	--	1432, 1453
<i>Psathyrella</i> sp.		mushroom	litter/ground	S	--	1468
<i>Pycnoporus coccineus</i>	Scarlet Bracket Fungus	bracket	dead wood	S	N-8	1437, 1455, 1463
<i>Schizophyllum commune</i>	Split Gill Fungus	shell	dead wood	S	R-2	1447, 1457
<i>Tremella mesenterica</i> group	Yellow Brain Fungus	jelly fungus	dead wood	S	Q-2	1445, 1466
Unknown Agaric		mushroom	litter/ground	S	--	1430, 1434
Unknown Ascomycete		cup	litter/ground	S	--	1467
Unknown Resupinate		resupinate	dead wood	S	--	1450, 1452, 1458
<i>Volvariella speciosa</i>	Common Rosegill	mushroom	litter/ground	S	J-30	1462

Permanent Voucher Collections

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

Unknown Resupinate	Voucher ID: E8270	Specimen ID: 1450
<i>Melanoleuca fusca</i>	Voucher ID: E8271	Specimen ID: 1459

Georeferenced Track and Photos

Phylis Robertson and Roz Hart's Group - 9 July 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 *Melanoleuca fusca*

Photographer: Roz Hart

Dark Melanoleuca

Specimen ID: 1431

Located in sand near an *Acacia*.

Latitude: -31° 46' 36.55" Longitude: 115° 44' 57.16"

Easting: 381566 Northing: 6483620 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH03



04 *Poria* sp.

Photographer: Roz Hart







Specimen ID: 1432

Located on wood of dead Tuart.

Latitude: -31° 46' 35.58" Longitude: 115° 44' 57.17"

Easting: 381566 Northing: 6483650 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH04

	<p>05 <i>Coprinus</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1433</p> <p>Located in sand, in weedy area. Latitude: -31° 46' 35.54" Longitude: 115° 44' 57.07" Easting: 381563 Northing: 6483651 Zone: 50 Date: 09 Jul 2005 opt Image PB45_93RH05</p>
	<p>06 Unknown Agaric Photographer: Roz Hart <u>Specimen ID:</u> 1434</p> <p>Located in sand near <i>Dasyogon bromeliadoides</i>. Latitude: -31° 46' 35.53" Longitude: 115° 44' 56.98" Easting: 381561 Northing: 6483652 Zone: 50 Date: 09 Jul 2005 opt Image PB45_93RH06</p>
	<p>07 <i>Clitocybe</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1435</p> <p>Located in sand, close to Tuart. Latitude: -31° 46' 35.89" Longitude: 115° 44' 57.42" Easting: 381573 Northing: 6483641 Zone: 50 Date: 09 Jul 2005 opt Image PB45_93RH07</p>
	<p>08 <i>Inocybe</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1436</p> <p>Located in sand, near <i>Banksia</i>. Latitude: -31° 46' 35.97" Longitude: 115° 44' 57.44" Easting: 381574 Northing: 6483639 Zone: 50 Date: 09 Jul 2005 opt Image PB45_93RH08</p>
	<p>09 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer: Roz Hart <u>Specimen ID:</u> 1437</p> <p>Located on dead wood. Latitude: -31° 46' 35.92" Longitude: 115° 44' 57.37" Easting: 381572 Northing: 6483640 Zone: 50 Date: 09 Jul 2005 opt Image PB45_93RH09</p>
	<p>10 <i>Cortinarius</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1438</p> <p>Located under Tuart, near an <i>Acacia</i>. Latitude: -31° 46' 35.58" Longitude: 115° 44' 57.48" Easting: 381574 Northing: 6483650 Zone: 50 Date: 09 Jul 2005 opt Image PB45_93RH10</p>



11 *Clitocybe* sp.

Photographer: Roz Hart

Specimen ID: 1439

Located under Tuart and *Dryandra sessilis*.

Latitude: -31° 46' 35.54" Longitude: 115° 44' 57.30"

Easting: 381570 Northing: 6483651 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH11



12 *Harknessia uromycoides* Tuart Nut Fungus

Photographer: Roz Hart

Specimen ID: 1440

Located under Tuart and *Dryandra sessilis*.

Latitude: -31° 46' 35.57" Longitude: 115° 44' 57.30"

Easting: 381570 Northing: 6483651 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH12



14 *Cortinarius ochraceofulvus*

Golden Tuart Cortinarius

Photographer: Roz Hart

Specimen ID: 1441

Located under *Banksia*, near Tuart.

Latitude: -31° 46' 34.76" Longitude: 115° 44' 57.68"

Easting: 381579 Northing: 6483676 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH14



15 *Crepidotus* sp.

Photographer: Roz Hart

Specimen ID: 1442

Growing on dead wood.

Latitude: -31° 46' 35.08" Longitude: 115° 44' 58.25"

Easting: 381594 Northing: 6483666 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH15



16 *Pisolithus* sp.

Photographer: Roz Hart

Dog Poo Fungus

Specimen ID: 1443

Located on sand.

Latitude: -31° 46' 35.29" Longitude: 115° 44' 58.92"

Easting: 381612 Northing: 6483660 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH16



17 *Galerina* sp.

Photographer: Roz Hart

Specimen ID: 1444

Located under Tuart and *Banksia*.

Latitude: -31° 46' 35.25" Longitude: 115° 44' 59.00"

Easting: 381614 Northing: 6483661 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH17



18 *Tremella mesenterica* group Yellow Brain Fungus

Photographer: Roz Hart

Specimen ID: 1445

Located near Tuart and *Banksia*.

Latitude: -31° 46' 35.28" Longitude: 115° 44' 58.94"

Easting: 381613 Northing: 6483660 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH18



19 *Coprinus cf. picaceus* group WA Magpie Fungus

Photographer: Roz Hart

Specimen ID: 1446

Located amongst Tuart leaf litter.

Latitude: -31° 46' 36.26" Longitude: 115° 44' 58.34"

Easting: 381597 Northing: 6483630 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH19



25 *Schizophyllum commune* Split Gill Fungus

Photographer: Roz Hart

Specimen ID: 1447

Growing on dead *Acacia saligna*.

Latitude: -31° 46' 36.75" Longitude: 115° 44' 58.14"

Easting: 381592 Northing: 6483615 Zone: 50

Date: 09 Jul 2005 opt Image PB45_93RH25

Georeferenced Track and Photos
Jolanda Keeble's Group - 9 July 2005



04 *Melanoleuca fusca* Dark Melanoleuca

Photographer: Jolanda Keeble Specimen ID: 1448







Located in soil, amongst Tuart and *Banksia*.
Latitude: -31° 46' 33.85" Longitude: 115° 44' 52.66"
Easting: 381447 Northing: 6483702 Zone: 50
Date: 09 Jul 2005 opt Image PB45_94JK04









06 *Agaricus* sp.

Photographer: Jolanda Keeble Specimen ID: 1449

Located amongst leaf litter of *Banksia* and Tuart.
Latitude: -31° 46' 33.89" Longitude: 115° 44' 52.58"
Easting: 381445 Northing: 6483701 Zone: 50
Date: 09 Jul 2005 opt Image PB45_94JK06

	<p>07 <i>Omphalotus nidiformis</i> Ghost Fungus Photographer: Jolanda Keeble <u>Specimen ID:</u> 1451</p> <p>Located at base of <i>Banksia</i>. Latitude: -31° 46' 34.00" Longitude: 115° 44' 52.50" Easting: 381443 Northing: 6483698 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK07</p>
	<p>09 Unknown Resupinate Skin Fungus Photographer: Jolanda Keeble <u>Specimen ID:</u> 1450</p> <p>Located on <i>Banksia attenuata</i> bark. Latitude: -31° 46' 34.00" Longitude: 115° 44' 52.42" Easting: 381441 Northing: 6483698 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK09 Vouchered into WA Herbarium #E8270</p>
	<p>12 Unknown Resupinate Skin Fungus Photographer: Jolanda Keeble <u>Specimen ID:</u> 1452</p> <p>Located on dead <i>Banksia</i> wood. Latitude: -31° 46' 34.00" Longitude: 115° 44' 52.39" Easting: 381440 Northing: 6483698 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK12</p>
	<p>13 <i>Poria</i> sp. Photographer: Jolanda Keeble <u>Specimen ID:</u> 1453</p> <p>Growing on dead <i>Eucalyptus</i> wood. Latitude: -31° 46' 34.00" Longitude: 115° 44' 52.39" Easting: 381440 Northing: 6483698 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK13</p>
	<p>19 <i>Peniophora</i> sp. Photographer: Jolanda Keeble <u>Specimen ID:</u> 1454</p> <p>Growing on dead Sheoak wood. Latitude: -31° 46' 33.64" Longitude: 115° 44' 52.51" Easting: 381443 Northing: 6483709 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK19</p>
	<p>20 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer: Jolanda Keeble <u>Specimen ID:</u> 1455</p> <p>Located on dead wood of Sheoak. Latitude: -31° 46' 33.65" Longitude: 115° 44' 52.55" Easting: 381444 Northing: 6483708 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK20</p>

	<p>21 <i>Coprinus truncorum/ micaceus</i> Glistening Ink Cap Photographer: Jolanda Keeble <u>Specimen ID:</u> 1456</p> <p>On buried dead wood. Latitude: -31° 46' 33.13" Longitude: 115° 44' 52.73" Easting: 381449 Northing: 6483724 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK21</p>
	<p>24 <i>Schizophyllum commune</i> Split Gill Fungus Photographer: Jolanda Keeble <u>Specimen ID:</u> 1457</p> <p>Growing on dead Tuart wood. Latitude: -31° 46' 33.06" Longitude: 115° 44' 52.98" Easting: 381455 Northing: 6483727 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK24</p>
	<p>28 <i>Melanoleuca fusca</i> Dark Melanoleuca Photographer: Jolanda Keeble <u>Specimen ID:</u> 1459</p> <p>Growing on soil. Latitude: -31° 46' 32.30" Longitude: 115° 44' 52.88" Easting: 381452 Northing: 6483750 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK28 Vouchered into WA Herbarium #E8271</p>
	<p>30 <i>Cortinarius ochraceofulvus</i> Golden Tuart Cortinarius Photographer: Jolanda Keeble <u>Specimen ID:</u> 1460</p> <p>Growing on soil. Latitude: -31° 46' 32.30" Longitude: 115° 44' 52.91" Easting: 381453 Northing: 6483750 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK30</p>
	<p>33 <i>Mycoacia subceracea</i> Golden Splash Tooth Photographer: Jolanda Keeble <u>Specimen ID:</u> 1461</p> <p>Located on dead Tuart stick. Latitude: -31° 46' 32.30" Longitude: 115° 44' 52.91" Easting: 381453 Northing: 6483750 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK33</p>
	<p>34 <i>Volvariella speciosa</i> Common Rosegill Photographer: Jolanda Keeble <u>Specimen ID:</u> 1462</p> <p>Growing on soil. Latitude: -31° 46' 32.30" Longitude: 115° 44' 52.91" Easting: 381453 Northing: 6483750 Zone: 50 Date: 09 Jul 2005 opt Image PB45_94JK34</p>

Georeferenced Track and Photos

Jane Bracken and Louise Little's Group - 9 July 2005



05 *Pycnoporus coccineus* Scarlet Bracket Fungus

Photographer: Louise Little Specimen ID: 1463

Growing on wood.

Latitude: -31° 46' 33.85" Longitude: 115° 44' 52.66"

Easting: 381447 Northing: 6483702 Zone: 50

Date: 09 Jul 2005 opt Image PB45_95LL05



06 *Cortinarius ochraceofulvus* Golden Tuart Cortinarius







Photographer: Louise Little Specimen ID: 1464




Growing on soil.

Latitude: -31° 46' 33.87" Longitude: 115° 44' 52.66"

Easting: 381447 Northing: 6483702 Zone: 50

Date: 09 Jul 2005 opt Image PB45_95LL06

	<p>08 <i>Crepidotus</i> sp. Photographer: Louise Little <u>Specimen ID:</u> 1465</p> <p>Growing on tree. Latitude: -31° 46' 33.88" Longitude: 115° 44' 52.51" Easting: 381443 Northing: 6483701 Zone: 50 Date: 09 Jul 2005 opt Image PB45_95LL08</p>
	<p>09 <i>Tremella mesenterica</i> group Yellow Brain Fungus Photographer: Louise Little <u>Specimen ID:</u> 1466</p> <p>Located on <i>Acacia saligna</i>. Latitude: -31° 46' 34.00" Longitude: 115° 44' 52.48" Easting: 381442 Northing: 6483698 Zone: 50 Date: 09 Jul 2005 opt Image PB45_95LL09</p>
	<p>10 Unknown Ascomycete Photographer: Louise Little <u>Specimen ID:</u> 1467</p> <p>Located on bark of <i>Acacia saligna</i>. Latitude: -31° 46' 34.00" Longitude: 115° 44' 52.47" Easting: 381442 Northing: 6483698 Zone: 50 Date: 09 Jul 2005 opt Image PB45_95LL10</p>
	<p>11 <i>Psathyrella</i> sp. Photographer: Louise Little <u>Specimen ID:</u> 1468</p> <p>Growing on soil. Latitude: -31° 46' 34.00" Longitude: 115° 44' 52.45" Easting: 381441 Northing: 6483698 Zone: 50 Date: 09 Jul 2005 opt Image PB45_95LL11</p>
	<p>12 <i>Omphalotus nidiformis</i> Ghost Fungus Photographer: Louise Little <u>Specimen ID:</u> 1469</p> <p>Growing on wood. Latitude: -31° 46' 34.00" Longitude: 115° 44' 52.42" Easting: 381441 Northing: 6483698 Zone: 50 Date: 09 Jul 2005 opt Image PB45_95LL12</p>
	<p>13 <i>Clitocybe</i> sp. Photographer: Louise Little <u>Specimen ID:</u> 1470</p> <p>Growing on soil. Latitude: -31° 46' 34.00" Longitude: 115° 44' 52.39" Easting: 381440 Northing: 6483698 Zone: 50 Date: 09 Jul 2005 opt Image PB45_95LL13</p>

	<p>14 <i>Gymnopilus allantopus</i> Golden Wood Fungus Photographer: Louise Little <u>Specimen ID:</u> 1471</p> <p>Growing on wood. Latitude: -31° 46' 33.13" Longitude: 115° 44' 52.73" Easting: 381449 Northing: 6483724 Zone: 50 Date: 09 Jul 2005 opt Image PB45_95LL14</p>
	<p>15 <i>Coprinus truncorum/micaceus</i> Glistening Ink Cap Photographer: Louise Little <u>Specimen ID:</u> 1472</p> <p>Growing on soil. Latitude: -31° 46' 33.06" Longitude: 115° 44' 52.98" Easting: 381455 Northing: 6483727 Zone: 50 Date: 09 Jul 2005 opt Image PB45_95LL15</p>
	<p>18 <i>Phellinus robustus</i> Woody Layered Bracket Fungus Photographer: Louise Little <u>Specimen ID:</u> 1473</p> <p>Located on dead <i>Acacia saligna</i> wood. Latitude: -31° 46' 32.30" Longitude: 115° 44' 52.91" Easting: 381453 Northing: 6483750 Zone: 50 Date: 09 Jul 2005 opt Image PB45_95LL18</p>