



Perth
Urban
Bushland
Fungi

Kensington Bushland Fungi Report 2005

Forty five people attended the PUBF Fungi walk at Kensington Bushland on 19 July 2005, held between 10am-12pm.

The walk was organised together with the Friends of Kensington Bushland and the Town of Victoria Park. There were 4 groups for the foraying led by Roz Hart, Sandra Thomas, Margaret Langley and Phylis Robertson, all Leaders from the PUBF Project.



Examining the fungi collected



There was great interest in the new fieldbook



A great morning tea supplied by the Friends



A diverse range of people attended

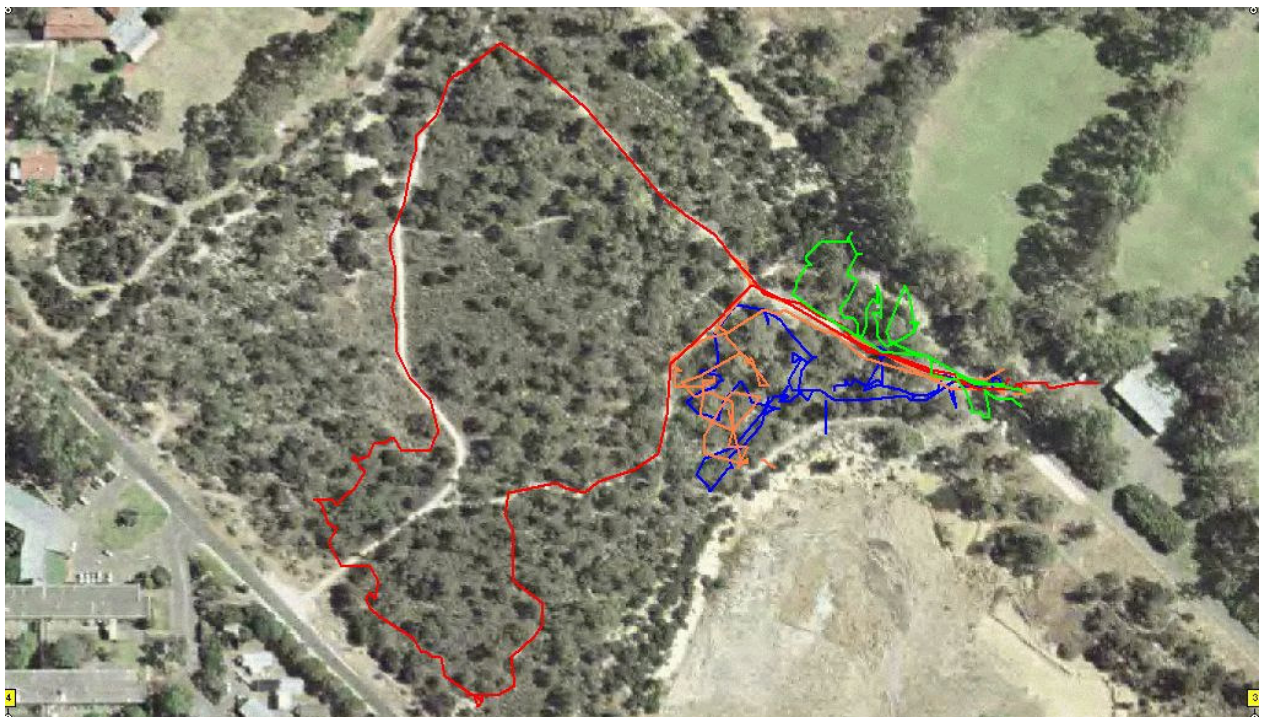
Recommendation: This event has allowed us to produce the **first ever inventory of fungi for Kensington Bushland.** This list represents a very small portion of the fungi which are likely to be present in this reserve. Due to the nature of fungi, which fruit irregularly and intermittently, it will be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



StreetExpress Map showing the location of Kensington Bushland in Kensington.



Aerial photo showing coloured tracks for the four foray groups. Roz Hart's group is green, Sandra Thomas' group is red, Margaret Langley's group is orange and Phylis Robertson's group is blue.

Kensington Bushland Fungi List, 17 July 2005

This foray was conducted towards the end of the main local fungal fruiting season. Never the less a wide range of fungi were observed. They included decomposers of wood such as the Golden Wood Fungus (*Gymnopilus allantopus*), and decomposers of leaf litter such as *Limacella pitereka*, aptly dubbed "Slimacella" due to its slimy cap and stem. Also found were mycorrhizal fungi such as *Amanita*, *Cortinarius*, *Laccaria* and *Ramaria*. Such fungi form beneficial partnerships with, and provide essential soil nutrients to, many of the native trees and shrubs present at Kensington Bushland.

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 sp.</i>		mushroom	litter/ground	M	--	1578, 1580, 1614
<i>Coprinus sp.</i>		mushroom	litter/ground	S	--	1563
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	--	1612
<i>Crepidotus sphaerosporus</i>		shell	dead wood	S	--	1572, 1597
<i>Dictydiaethelium plumbeum</i>	Strawberry Slime Mould	slime mould	dead wood	S	--	1588
<i>Exidia sp.</i>		jelly fungus	dead wood	S	--	1567, 1598
<i>Galerina sp.</i>		mushroom	litter/ground	S	--	1568, 1574, 1591
<i>Gymnopilus allantopus</i>	Golden Wood Fungus	mushroom	dead wood	S	J-15	1566, 1584, 1594, 1602, 1603, 1605
<i>Laccaria sp.</i>		mushroom	litter/ground	M	--	1585
<i>Limacella pitereka</i>	Slimacella	mushroom	litter/ground	S	--	1576, 1590, 1601, 1611
<i>Lycoperdon sp.</i>		puffball	litter/ground	S	--	1579
<i>Mycena sp.</i>		mushroom	litter/ground	S	--	1571, 1589, 1606
<i>Mycoacia subceracea</i>	Golden Splash Tooth	resupinate	dead wood	S	O-4	1596
<i>Pisolithus sp.</i>	Dog Poo Fungus	puffball	litter/ground	M	L-3	1577, 1581

Perth Urban Bushland Fungi Project, Kensington Bushland 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>Pluteus sp.</i>		mushroom	dead wood	S	--	1570
<i>Poria sp.</i>		resupinate	dead wood	S	--	1604
<i>Psathyrella sp.</i>		mushroom	litter/ground	S	--	1607
<i>Pycnoporus coccineus</i>	Scarlet Bracket Fungus	bracket	dead wood	S	N-8	1610
<i>Ramaria gracilis</i>	Slender Coral Fungus	coral	litter/ground	M	M-1	1582
<i>Ramaria sp.</i>	Coral Fungus	coral	litter/ground	M	--	1592, 1609
<i>Resupinatus sp.</i>		shell	dead wood	S	--	1565
<i>Schizopora sp.</i>		resupinate	dead wood	S	--	1599
<i>Scleroderma cepa</i>	Earthballs	puffball	litter/ground	M	--	1593
<i>Scleroderma sp.</i>	Earthballs	puffball	litter/ground	M	L-4	1587
<i>Tubaria sp.</i>		mushroom	litter/ground	S	--	1608, 1613
Unknown Agaric		mushroom	litter/ground	S	--	1595
Unknown Ascomycete		cup	litter/ground	S	--	1569, 1586
Unknown Resupinate		resupinate	dead wood	S	--	1575, 1583, 1600
Unknown		--	--	--	--	1573
<i>Volvariella speciosa</i>	Common Rosegill	mushroom	litter/ground	S	J-30	1562, 1564







Georeferenced Track and Photos






Roz Hart's group, 17 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.

	<p>02 <i>Volvariella speciosa</i> Common Rosegill Photographer: Roz Hart <u>Specimen ID: 1562</u></p> <p>Located amongst woodchips. Latitude: -31° 59' 16.87" Longitude: 115° 53' 21.19" Easting: 395064 Northing: 6460353 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH02</p>
	<p>03 <i>Coprinus</i> sp. <u>Specimen ID: 1563</u> Photographer: Roz Hart</p> <p>Growing on soil. Latitude: -31° 59' 17.12" Longitude: 115° 53' 20.87" Easting: 395055 Northing: 6460345 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH03</p>

	<p>04 <i>Volvariella speciosa</i> Common Rosegill Photographer: Roz Hart <u>Specimen ID:</u> 1564</p> <p>Growing amongst woodchips. Latitude: -31° 59' 17.05" Longitude: 115° 53' 20.61" Easting: 395049 Northing: 6460347 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH04</p>
	<p>05 <i>Resupinatus</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1565</p> <p>Located on the underside of Jarrah branch. Latitude: -31° 59' 16.12" Longitude: 115° 53' 19.42" Easting: 395017 Northing: 6460376 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH05</p>
	<p>06 <i>Gymnopilus allantopus</i> Golden Wood Fungus Photographer: Roz Hart <u>Specimen ID:</u> 1566</p> <p>Located on underside of Woolly Bush. Latitude: -31° 59' 15.80" Longitude: 115° 53' 19.63" Easting: 395023 Northing: 6460386 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH06</p>
	<p>07 <i>Exidia</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1567</p> <p>Located on the underside of Woolly Bush. Latitude: -31° 59' 15.90" Longitude: 115° 53' 19.64" Easting: 395023 Northing: 6460382 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH07</p>
	<p>08 <i>Galerina</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1568</p> <p>On soil. Latitude: -31° 59' 15.79" Longitude: 115° 53' 19.67" Easting: 395024 Northing: 6460386 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH08</p>
	<p>09 Unknown Ascomycete Photographer: Roz Hart <u>Specimen ID:</u> 1569</p> <p>Located under Woolly Bush. Latitude: -31° 59' 15.79" Longitude: 115° 53' 19.62" Easting: 395022 Northing: 6460386 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH09</p>

	<p>10 <i>Pluteus</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1570</p> <p>On soil. Latitude: -31° 59' 16.12" Longitude: 115° 53' 19.18" Easting: 395011 Northing: 6460376 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH10</p>
	<p>11 <i>Crepidotus sphaerosporus</i> Photographer: Roz Hart <u>Specimen ID:</u> 1572</p> <p>On Woolly Bush. Latitude: -31° 59' 15.65" Longitude: 115° 53' 19.01" Easting: 395006 Northing: 6460390 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH11</p>
	<p>14 <i>Mycena</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1571</p> <p>Located under rotting Woolly Bush. Latitude: -31° 59' 15.70" Longitude: 115° 53' 19.10" Easting: 395009 Northing: 6460388 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH14</p>
	<p>16 <i>Galerina</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1574</p> <p>Growing with moss. Latitude: -31° 59' 15.34" Longitude: 115° 53' 19.03" Easting: 395007 Northing: 6460399 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH16</p>
	<p>17 Unknown Resupinate Skin Fungus Photographer: Roz Hart <u>Specimen ID:</u> 1575</p> <p>Growing on burnt wood. Latitude: -31° 59' 15.91" Longitude: 115° 53' 18.71" Easting: 394998 Northing: 6460382 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH17</p>

	<p>18 <i>Limacella pitereka</i> Slimacella Photographer: Roz Hart <u>Specimen ID:</u> 1576</p> <p>Growing amongst leaf litter. Latitude: -31° 59' 14.82" Longitude: 115° 53' 18.71" Easting: 394998 Northing: 6460415 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH18</p>
	<p>19 <i>Pisolithus</i> sp. Dog Poo Fungus Photographer: Roz Hart <u>Specimen ID:</u> 1577</p> <p>Growing amongst leaf litter. Latitude: -31° 59' 14.82" Longitude: 115° 53' 18.77" Easting: 395000 Northing: 6460415 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH19</p>
	<p>20 <i>Amanita</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1578</p> <p>Growing amongst leaf litter. Latitude: -31° 59' 14.60" Longitude: 115° 53' 18.56" Easting: 394994 Northing: 6460422 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH20</p>
	<p>21 <i>Lycoperdon</i> sp. Photographer: Roz Hart <u>Specimen ID:</u> 1579</p> <p>Growing on soil. Latitude: -31° 59' 14.91" Longitude: 115° 53' 17.90" Easting: 394977 Northing: 6460412 Zone: 50 Date: 17 Jul 2005 opt Image KB50_104RH21</p>

Georeferenced track and photos
Sandra Thomas's group - 17th July 2005



02 *Amanita* sp.




Photographer: Sandra Thomas Specimen ID: 1580

In sand. Eucalypt woodland.

Latitude: -31° 59' 12.24" Longitude: 115° 53' 12.11"

Easting: 394824 Northing: 6460493 Zone: 50

Date: 17 Jul 2005 opt Image KB50_105ST02

	<p>04 <i>Ramaria gracilis</i> Slender Coral Fungus Photographer: Sandra Thomas <u>Specimen ID:</u> 1582</p> <p>Located under fallen <i>Banksia</i> wood. Latitude: -31° 59' 17.66" Longitude: 115° 53' 10.36" Easting: 394780 Northing: 6460326 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST04</p>
	<p>05 Unknown Resupinate Skin Fungus Photographer: Sandra Thomas <u>Specimen ID:</u> 1583</p> <p>Latitude: -31° 59' 17.59" Longitude: 115° 53' 10.36" Easting: 394780 Northing: 6460328 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST05</p>
	<p>06 <i>Gymnopilus allantopus</i> Golden Wood Fungus Photographer: Sandra Thomas <u>Specimen ID:</u> 1584</p> <p>Located on <i>Banksia</i>. Latitude: -31° 59' 18.20" Longitude: 115° 53' 9.72" Easting: 394763 Northing: 6460309 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST06</p>
	<p>08 <i>Laccaria</i> sp. Photographer: Sandra Thomas <u>Specimen ID:</u> 1585</p> <p>Growing amongst litter. Latitude: -31° 59' 18.90" Longitude: 115° 53' 9.98" Easting: 394770 Northing: 6460287 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST08</p>
	<p>10 Unknown Ascomycete Photographer: Sandra Thomas <u>Specimen ID:</u> 1586</p> <p>Located on <i>Banksia attenuata</i> leaf. Latitude: -31° 59' 18.93" Longitude: 115° 53' 10.00" Easting: 394771 Northing: 6460286 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST10</p>

	<p>12 <i>Scleroderma</i> sp. Earthballs Photographer: Sandra Thomas <u>Specimen ID:</u> 1587</p> <p>Growing amongst litter. Latitude: -31° 59' 19.03" Longitude: 115° 53' 10.06" Easting: 394773 Northing: 6460283 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST12</p>
	<p>13 <i>Dictydiaethelium plumbeum</i> Strawberry Slime Mould Photographer: Sandra Thomas <u>Specimen ID:</u> 1588</p> <p>Growing on <i>Banksia</i> nut. Latitude: -31° 59' 19.59" Longitude: 115° 53' 10.67" Easting: 394789 Northing: 6460266 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST13</p>
	<p>14 <i>Mycena</i> sp. Photographer: Sandra Thomas <u>Specimen ID:</u> 1589</p> <p>Latitude: -31° 59' 19.58" Longitude: 115° 53' 10.66" Easting: 394788 Northing: 6460267 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST14</p>
	<p>15 <i>Limacella pitereka</i> Slimacella Photographer: Sandra Thomas <u>Specimen ID:</u> 1590</p> <p>Located under Woolly Bush. Latitude: -31° 59' 20.98" Longitude: 115° 53' 12.16" Easting: 394828 Northing: 6460224 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST15</p>
	<p>17 <i>Galerina</i> sp. Photographer: Sandra Thomas <u>Specimen ID:</u> 1591</p> <p>Growing amongst Woolly Bush litter. Latitude: -31° 59' 20.98" Longitude: 115° 53' 12.16" Easting: 394828 Northing: 6460224 Zone: 50 Date: 17 Jul 2005 opt Image KB50_105ST17</p>

Georeferenced track and photos

Margaret Langley's group - 17th July 2005









02 *Ramaria* sp. Coral Fungus
 Photographer: Margaret Langley Specimen ID: 1592
 Growing amongst *Eucalyptus* leaf litter.
 Latitude: -31° 59' 16.20" Longitude: 115° 53' 16.79"
 Easting: 394948 Northing: 6460372 Zone: 50
 Date: 17 Jul 2005 opt Image KB50_106ML02



04 *Scleroderma cepa* Earthballs
 Photographer: Margaret Langley Specimen ID: 1593
 In soil.
 Latitude: -31° 59' 17.52" Longitude: 115° 53' 16.77"
 Easting: 394948 Northing: 6460332 Zone: 50
 Date: 17 Jul 2005 opt Image KB50_106ML04



06 *Gymnopilus allantopus* Golden Wood Fungus
 Photographer: Margaret Langley Specimen ID: 1594
 Growing on rotting *Banksia* limb.
 Latitude: -31° 59' 17.74" Longitude: 115° 53' 16.77"
 Easting: 394948 Northing: 6460325 Zone: 50
 Date: 17 Jul 2005 opt Image KB50_106ML06

	<p>10 Unknown Agaric Photographer: Margaret Langley <u>Specimen ID:</u> 1595</p> <p>Growing on dead bark. Latitude: -31° 59' 17.07" Longitude: 115° 53' 16.57" Easting: 394943 Northing: 6460346 Zone: 50 Date: 17 Jul 2005 opt Image KB50_106ML10</p>
	<p>12 <i>Mycoacia subceracea</i> Golden Splash Tooth Photographer: Margaret Langley <u>Specimen ID:</u> 1596</p> <p>On dead <i>Banksia</i> limb. Latitude: -31° 59' 17.47" Longitude: 115° 53' 16.69" Easting: 394946 Northing: 6460333 Zone: 50 Date: 17 Jul 2005 opt Image KB50_106ML12</p>
	<p>14 <i>Crepidotus sphaerosporus</i> Photographer: Margaret Langley <u>Specimen ID:</u> 1597</p> <p>Growing on dead <i>Adananthos</i> twig. Latitude: -31° 59' 17.58" Longitude: 115° 53' 16.72" Easting: 394947 Northing: 6460330 Zone: 50 Date: 17 Jul 2005 opt Image KB50_106ML14</p>
	<p>16 <i>Exidia</i> sp. Photographer: Margaret Langley <u>Specimen ID:</u> 1598</p> <p>Growing on dead <i>Banksia</i> bark. Latitude: -31° 59' 16.60" Longitude: 115° 53' 16.15" Easting: 394931 Northing: 6460360 Zone: 50 Date: 17 Jul 2005 opt Image KB50_106ML16</p>
	<p>19 <i>Schizopora</i> sp. Photographer: Margaret Langley <u>Specimen ID:</u> 1599</p> <p>Growing on dead <i>Eucalyptus todtiana</i> limb. Latitude: -31° 59' 16.58" Longitude: 115° 53' 16.21" Easting: 394933 Northing: 6460360 Zone: 50 Date: 17 Jul 2005 opt Image KB50_106ML19</p>
	<p>21 Unknown Resupinate Skin Fungus Photographer: Margaret Langley <u>Specimen ID:</u> 1600</p> <p>Growing on dead <i>Eucalyptus todtiana</i> limb. Latitude: -31° 59' 16.58" Longitude: 115° 53' 16.22" Easting: 394933 Northing: 6460360 Zone: 50 Date: 17 Jul 2005 opt Image KB50_106ML21</p>

Georeferenced track and photos

Phylis Robertson's group - 17th July 2005



03 *Gymnopilus allantopus* Golden Wood Fungus

Photographer: Phylis Robertson Specimen ID: 1602

Growing in soil next to dead log and amongst leaf litter.

Latitude: -31° 59' 16.57" Longitude: 115° 53' 19.10"

Easting: 395009 Northing: 6460362 Zone: 50

Date: 17 Jul 2005 opt Image KB50_107PR03



05 *Poria* sp.

Photographer: Phylis Robertson Specimen ID: 1604

Growing on bark.

Latitude: -31° 59' 16.66" Longitude: 115° 53' 18.40"

Easting: 394990 Northing: 6460359 Zone: 50

Date: 17 Jul 2005 opt Image KB50_107PR05



07 *Gymnopilus allantopus* Golden Wood Fungus







Photographer: Phylis Robertson Specimen ID: 1606

Growing on wood.

Latitude: -31° 59' 16.67" Longitude: 115° 53' 18.46"

Easting: 394992 Northing: 6460358 Zone: 50

Date: 17 Jul 2005 opt Image KB50_107PR07

	<p>08 <i>Mycena</i> sp. Photographer: Phylis Robertson <u>Specimen ID:</u> 1606</p> <p>Growing on wood. Latitude: -31° 59' 17.20" Longitude: 115° 53' 18.29" Easting: 394988 Northing: 6460342 Zone: 50 Date: 17 Jul 2005 opt Image KB50_107PR08</p>
	<p>09 <i>Psathyrella</i> sp. Photographer: Phylis Robertson <u>Specimen ID:</u> 1607</p> <p>Growing amongst leaf litter. Latitude: -31° 59' 16.26" Longitude: 115° 53' 17.98" Easting: 394979 Northing: 6460371 Zone: 50 Date: 17 Jul 2005 opt Image KB50_107PR09</p>
	<p>11 <i>Tubaria</i> sp. Photographer: Phylis Robertson <u>Specimen ID:</u> 1608</p> <p>Growing amongst leaf litter on wood. Latitude: -31° 59' 16.73" Longitude: 115° 53' 17.72" Easting: 394973 Northing: 6460356 Zone: 50 Date: 17 Jul 2005 opt Image KB50_107PR11</p>
	<p>13 <i>Ramaria</i> sp. Coral Fungus Photographer: Phylis Robertson <u>Specimen ID:</u> 1609</p> <p>In soil. Latitude: -31° 59' 16.26" Longitude: 115° 53' 17.95" Easting: 394979 Northing: 6460371 Zone: 50 Date: 17 Jul 2005 opt Image KB50_107PR13</p>
	<p>15 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer: Phylis Robertson <u>Specimen ID:</u> 1610</p> <p>Growing on dead log. Latitude: -31° 59' 15.79" Longitude: 115° 53' 17.23" Easting: 394960 Northing: 6460385 Zone: 50 Date: 17 Jul 2005 opt Image KB50_107PR15</p>
	<p>17 <i>Limacella pitereka</i> Slimacella Photographer: Phylis Robertson <u>Specimen ID:</u> 1611</p> <p>Growing on soil. Latitude: -31° 59' 16.76" Longitude: 115° 53' 16.03" Easting: 394928 Northing: 6460355 Zone: 50 Date: 17 Jul 2005 opt Image KB50_107PR17</p>



19 *Cortinarius* sp.

Photographer: Phylis Robertson Specimen ID: 1612

Growing amongst litter.

Latitude: -31° 59' 16.80" Longitude: 115° 53' 17.31"

Easting: 394962 Northing: 6460354 Zone: 50

Date: 17 Jul 2005 opt Image KB50_107PR19



21 *Tubaria* sp.

Photographer: Phylis Robertson Specimen ID: 1613

Growing amongst leaf litter.

Latitude: -31° 59' 16.72" Longitude: 115° 53' 17.49"

Easting: 394967 Northing: 6460356 Zone: 50

Date: 17 Jul 2005 opt Image KB50_107PR21



24 *Amanita* sp.

Photographer: Phylis Robertson Specimen ID: 1614

Growing on soil.

Latitude: -31° 59' 16.74" Longitude: 115° 53' 20.21"

Easting: 395038 Northing: 6460357 Zone: 50

Date: 17 Jul 2005 opt Image KB50_107PR24