



Perth
Urban
Bushland
Fungi

Star Swamp Fungi Report 2004

44 people attended the PUBF Fungi workshop at Star Swamp and the Henderson Environment Centre on 20 June 2004, held between 10am-4pm.

The workshop was organized together with the Northern Suburbs Branch of the WA Naturalists' Club.

There were 5 groups for the morning foraging, led by Jason Young, Kirsten Tullis, Jolanda Keeble, Jane Bracken and Phylis Robertson, Leaders from the PUBF Project.



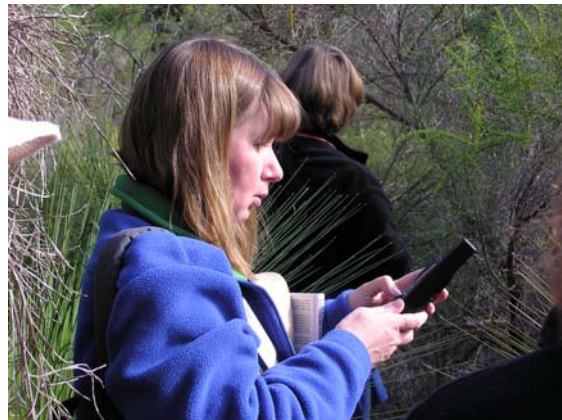
Gathering at Henderson Environment Centre



One of the groups



Photographing the fungi



Recording GPS data

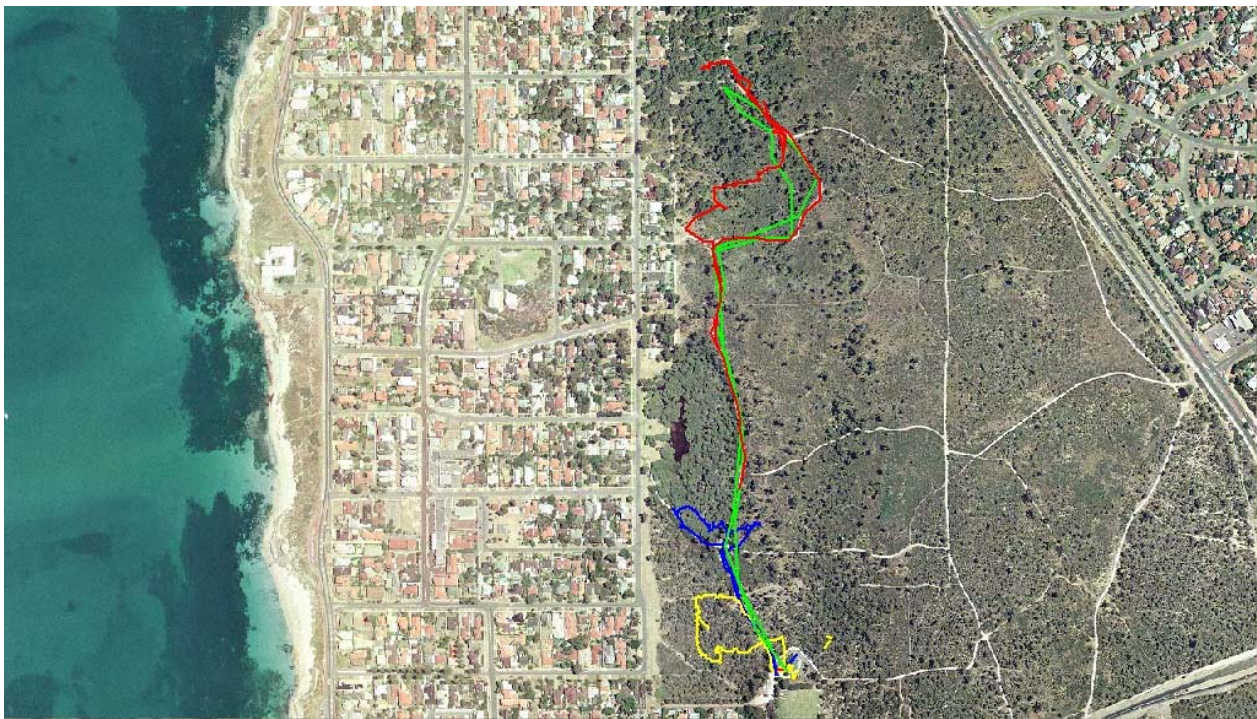
Recommendation: This event has allowed us to produce the **first ever inventory of fungi for Star Swamp reserve**. This list represents a very small portion of the fungi which are likely to be present in this reserve. Due to the nature of fungi, which fruit irregularly and intermittently, it will be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



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StreetExpress Map showing the location of Star Swamp in North Beach.



Aerial photo showing the tracks where four of the groups forayed. One group did not have a downloadable track and for one group the photos would not interact with the track.

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Star Swamp (SS4) fungi list 20 June 2004

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

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.

Special Interest: Star Swamp has a wide diversity of fungi including some species not previously recorded in WA, such as *Mycena clarkeana*. This species has conic to bell shaped pink caps and occurs at Star Swamp mostly in clusters on old Melaleuca trees.

Star Swamp Fungi List 2004

<u>Scientific Name</u>	<u>Common Name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>ID #</u>	<u>Voucher #</u>
<i>Armillaria luteobubalina</i>	Australian honey fungus	mushroom	dead/living trees	P	852	
<i>Bolbitius vitellinus</i>	Egg yolk fungus	mushroom	litter/ground	S	65	
<i>Bolbitius vitellinus</i>	Egg yolk fungus	mushroom	litter/ground	S	63	
<i>Bolbitius vitellinus</i>	Egg yolk fungus	mushroom	litter/ground	S	90	
<i>Calocera guepinioides</i>	Scotsman's beard	jelly fungus	dead wood	S	88	
<i>Clitocybe semiocculta</i>	Shy funnel cap	shell	dead wood	S	52	
<i>Clitocybe semiocculta</i>	Shy funnel cap	shell	dead wood	S	69	
<i>Clitocybe semiocculta</i>	Shy funnel cap	shell	dead wood	S	68	
<i>Clitocybe semiocculta</i>	Shy funnel cap	shell	dead wood	S	84	
<i>Clitocybe sp.</i>		mushroom	litter/ground	S	96	
<i>Coprinus aff picaceus</i>	WA Magpie fungus	mushroom	litter/ground	S	60	
<i>Coprinus aff picaceus</i>	WA Magpie fungus	mushroom	litter/ground	S	54	
<i>Coprinus aff picaceus</i>	WA Magpie fungus	mushroom	litter/ground	S	67	
<i>Coprinus aff picaceus</i>	WA Magpie fungus	mushroom	litter/ground	S	95	
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	13	
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	15	
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	57	
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	79	
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	81	E8025
<i>Crepidotus eucalyptorum</i>		shell	dead wood	S	859	
<i>Crepidotus nephrodes</i>		shell	dead wood	S	55	
<i>Crepidotus sp.</i>		shell	dead wood	S	34	
<i>Crepidotus sp.</i>		shell	dead wood	S	66	
<i>Crepidotus sp.</i>		shell	dead wood	S	58	
<i>Crepidotus sp.</i>		shell	dead wood	S	97	
<i>Dictydiaethalium plumbeum</i>	Strawberry slime mould	slime mould	dead wood	S	20	
<i>Entoloma sp.</i>		mushroom	litter/ground	S	50	
<i>Galerina sp.</i>		mushroom	litter/ground	S	37	
<i>Galerina sp.</i>		mushroom	litter/ground	S	30	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	32	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	75	

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<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	74	
<i>Gymnopilus allantopus</i>	Golden wood fungus	mushroom	dead wood	S	83	
<i>Gymnopilus purpuratus</i>		mushroom	dead wood	S	860	
<i>Gymnopilus purpuratus</i>		mushroom	dead wood	S	26	
<i>Gymnopilus purpuratus</i>		mushroom	dead wood	S	78	
<i>Gymnopilus</i> sp.		mushroom	dead wood	S	43	
<i>Hexagonia vesparia</i>	Wasp nest polypore	bracket	dead wood	S	85	
<i>Laccaria lateritia</i>	Brick red laccaria	mushroom	litter/ground	M	45	
<i>Laccaria</i> sp.		mushroom	litter/ground	M	33	
<i>Lentinellus</i> sp.		mushroom	dead wood	S	77	
<i>Leptonia</i> sp.		mushroom	litter/ground	S	22	
<i>Marasmius</i> sp.		mushroom	litter/ground	S	56	
<i>Marasmius</i> sp.		mushroom	litter/ground	S	93	
<i>Mycena clarkeana</i>		mushroom	dead wood	S	19	
<i>Mycena clarkeana</i>		mushroom	bark/tree	S	25	
<i>Mycena clarkeana</i>		mushroom	bark/tree	S	23	E8023
<i>Mycena clarkeana</i>		mushroom	bark/tree	S	21	
<i>Mycena</i> sp.		mushroom	litter/ground	S	18	
<i>Mycena</i> sp.		mushroom	litter/ground	S	24	E8022
<i>Mycena</i> sp.		mushroom	litter/ground	S	89	
<i>Mycena</i> sp.		mushroom	litter/ground	S	94	
<i>Omphalotus nidiformis</i>	Ghost fungus	mushroom	dead wood	S/P	16	
<i>Omphalotus nidiformis</i>	Ghost fungus	mushroom	dead wood	S/P	61	
<i>Phylloporus</i> sp.		mushroom	litter/ground	M	41	
<i>Psathyrella</i> sp.		mushroom	litter/ground	S	854	
<i>Psathyrella</i> sp.		mushroom	litter/ground	S	53	
<i>Psathyrella</i> sp.		mushroom	litter/ground	S	91	
<i>Pycnoporus coccineus</i>	Scarlet bracket fungus	bracket	dead wood	S	28	
<i>Pycnoporus coccineus</i>	Scarlet bracket fungus	bracket	dead wood	S	42	
<i>Pycnoporus coccineus</i>	Scarlet Bracket fungus	bracket	dead wood	S	49	
<i>Pycnoporus coccineus</i>	Scarlet Bracket fungus	bracket	dead wood	S	48	
<i>Pycnoporus coccineus</i>	Scarlet bracket fungus	bracket	dead wood	S	76	
<i>Pycnoporus coccineus</i>	Scarlet bracket fungus	bracket	dead wood	S	71	
<i>Pycnoporus coccineus</i>	Scarlet bracket fungus	bracket	dead wood	S	82	
<i>Ramaria</i> sp.		coral	litter/ground	M	72	
<i>Schizophyllum commune</i>	Split-gill fungus	shell	dead wood	S	47	
<i>Schizopora</i> sp.	Curtain pored skin	resupinate	dead wood	S	853	
<i>Stereum hirsutum</i>		bracket	dead wood	S	62	
<i>Tremella aurantia</i>	Orange jelly fungus	jelly fungus	dead wood	S	851	
<i>Tremella aurantia</i>	Orange jelly fungus	jelly fungus	dead wood	S	80	
<i>Tremella</i> sp.	Orange jelly fungus	jelly fungus	dead wood	S	46	
<i>Tubaria furfuracea</i>		mushroom	litter/ground	S	92	
<i>Tubaria</i> sp.		mushroom	litter/ground	S	39	
Undetermined Agaric					31	
Undetermined Agaric					38	
Undetermined Agaric					51	
Undetermined					36	
Undetermined					29	




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<u>Scientific Name</u>	<u>Common Name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>ID #</u>	<u>Voucher #</u>
Unknown					14	
Unknown					44	
Unknown					40	
Unknown					35	
Unknown					59	
Unknown					73	
Unknown					86	
<i>Volvariella speciosa</i>	Common rosegill	mushroom	litter/ground	S	17	
<i>Volvariella speciosa</i>	Common rosegill	mushroom	litter/ground	S	64	
<i>Volvariella speciosa</i>	Common rosegill	mushroom	litter/ground	S	87	
<i>Xerula sp.</i>		pustules	dead wood	S	70	E8024






Georeferenced Photos and Track for Jason Young's group at Star Swamp 20th June 2004



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	<p>398 <i>Volvariella speciosa</i> Photographer : Roz Hart In grass, soil. Latitude: -31° 51' 23.10" Longitude: 115° 45' 33.61" Date: 20 Jun 2004 opt Image SS04_03RH0398</p>
	<p>400 <i>Psathyrella</i> sp. Photographer : Roz Hart In leaf litter Latitude: -31° 51' 23.04" Longitude: 115° 45' 33.70" Date: 20 Jun 2004 opt Image SS04_03RH0400</p>
	<p>407 <i>Mycena clarkaena</i> Photographer : Roz Hart On paperbark Latitude: -31° 51' 22.37" Longitude: 115° 45' 32.76" Date: 20 Jun 2004 opt Image SS04_03RH0407</p>

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	<p>410 <i>Dictydiathelium plumbeum</i> Strawberry slime mould</p> <p>Photographer : Roz Hart</p> <p>Growing on fallen Tuart tree Latitude: -31° 51' 22.89" Longitude: 115° 45' 32.45" Date: 20 Jun 2004 opt Image SS04_03RH0410</p>
	<p>413 <i>Mycena clarkeana</i></p> <p>Photographer : Roz Hart</p> <p>On paperbark Latitude: -31° 51' 22.57" Longitude: 115° 45' 32.43" Date: 20 Jun 2004 opt Image SS04_03RH0413</p>
	<p>414 <i>Leptonia sp.</i></p> <p>Photographer : Roz Hart</p> <p>On sticks in leaf litter Latitude: -31° 51' 22.27" Longitude: 115° 45' 32.07" Date: 20 Jun 2004 opt Image SS04_03RH0414</p>
	<p>417 <i>Mycena sp.</i></p> <p>Photographer : Roz Hart</p> <p>At base of paperbark Latitude: -31° 51' 21.92" Longitude: 115° 45' 31.72" Date: 20 Jun 2004 opt Image SS04_03RH0417</p>
	<p>419 <i>Mycena clarkaena</i></p> <p>Photographer : Roz Hart</p> <p>On large fallen paperbark Latitude: -31° 51' 21.96" Longitude: 115° 45' 31.77" Date: 20 Jun 2004 opt Image SS04_03RH0419</p>

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	<p>425 <i>Gymnopilus purpuratus</i></p> <p>Photographer : Roz Hart</p> <p>Base of paperbark trunk Latitude: -31° 51' 21.70" Longitude: 115° 45' 30.60" Date: 20 Jun 2004 opt Image SS04_03RH0425</p>
	<p>427 <i>Mycena clarkeana</i></p> <p>Photographer : Roz Hart</p> <p>In litter Latitude: -31° 51' 21.77" Longitude: 115° 45' 30.54" Date: 20 Jun 2004 opt Image SS04_03RH0427</p>
	<p>430 <i>Cortinarius</i> sp. Golden Tuart Cort</p> <p>Photographer : Roz Hart</p> <p>In soil Latitude: -31° 51' 21.74" Longitude: 115° 45' 30.27" Date: 20 Jun 2004 opt Image SS04_03RH0430</p>
	<p>434 <i>Omphalotus nidiformis</i> Ghost Fungus</p> <p>Photographer : Roz Hart</p> <p>On wood, at base of <i>Acacia</i> sp. Latitude: -31° 51' 22.50" Longitude: 115° 45' 30.79" Date: 20 Jun 2004 opt Image SS04_03RH0434</p>
	<p>436 <i>Tremella aurantia</i> Orange Jelly</p> <p>Photographer : Roz Hart</p> <p>On dead Tuart wood Latitude: -31° 51' 23.11" Longitude: 115° 45' 31.73" Easting: 382577 Northing: 6474807 Zone: 50 Date: 20 Jun 2004 opt Image SS04_03RH0436</p>

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438 *Armillaria luteobubalina*

Photographer : Roz Hart

On old Tuart stump

Latitude: -31° 51' 23.13" Longitude: 115° 45' 31.75"

Date: 20 Jun 2004 opt Image SS04_03RH0438



439 *Schizopora sp.* Curtain Pored Skin Fungus

Photographer : Roz Hart

On fallen rotting Tuart log

Latitude: -31° 51' 23.18" Longitude: 115° 45' 31.80"

Date: 20 Jun 2004 opt Image SS04_03RH0439

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Georeferenced Photos and Track for Kirsten Tullis's group at Star Swamp 20th June 2004



31 Undetermined Resupinate Skin fungus

Photographer : Kirsten Tullis

Inside dead tuart log

Latitude: -31° 51' 28.84" Longitude: 115° 45' 35.63"

Date: 20 Jun 2004 opt Image SS04_04KT6200131



38 *Galerina* sp.






Photographer : Kirsten Tullis

At base of dead *Banksia* in leaf litter

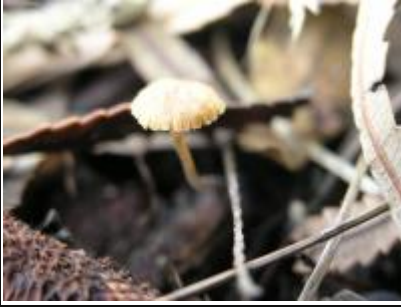


Latitude: -31° 51' 29.02" Longitude: 115° 45' 32.90"

Date: 20 Jun 2004 opt Image SS04_04KT6200138

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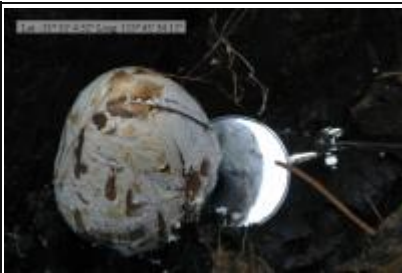
	<p>40 Undetermined Agaric</p> <p>Photographer : Kirsten Tullis</p> <p>In sand Latitude: -31° 51' 29.11" Longitude: 115° 45' 32.78" Date: 20 Jun 2004 opt Image SS04_04KT6200140</p>
	<p>10 <i>Laccaria</i> sp.</p> <p>Photographer : Kirsten Tullis</p> <p>In leaf litter beneath Tuart, <i>Banksia</i> and <i>Jacksonia</i> Latitude: -31° 51' 29.27" Longitude: 115° 45' 32.87" Date: 20 Jun 2004 opt Image SS04_04DP1030010</p>
	<p>43 <i>Crepidotus</i> sp.</p> <p>Photographer : Kirsten Tullis</p> <p>On damp dead wood Latitude: -31° 51' 27.22" Longitude: 115° 45' 31.61" Date: 20 Jun 2004 opt Image SS04_04KT6200143</p>
	<p>17 Undetermined Resupinate</p> <p>Photographer : Kirsten Tullis</p> <p>Growing on dead rotting wood on ground Latitude: -31° 51' 27.22" Longitude: 115° 45' 31.61" Date: 20 Jun 2004 opt Image SS04_04DP1030017</p>
	<p>45 <i>Galerina</i> sp.</p> <p>Photographer : Kirsten Tullis</p> <p>On rotting <i>Banksia</i> cone, in leaf litter under <i>Banksia</i> and <i>Calothamnus</i> Latitude: -31° 51' 27.22" Longitude: 115° 45' 31.68" Date: 20 Jun 2004 opt Image SS04_04KT6200145</p>

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	<p>47 Undetermined Agaric</p> <p>Photographer : Kirsten Tullis</p> <p>Growing on moss, in sand Latitude: -31° 51' 27.07" Longitude: 115° 45' 31.72" Date: 20 Jun 2004 opt Image SS04_04KT6200147</p>
	<p>50 <i>Phylloporus</i> sp.</p> <p>Photographer : Kirsten Tullis</p> <p>Growing in leaf litter under <i>Banksia</i> Latitude: -31° 51' 26.39" Longitude: 115° 45' 31.75" Date: 20 Jun 2004 opt Image SS04_04KT6200150</p>
	<p>28 Orange Slime mould</p> <p>Photographer : Kirsten Tullis</p> <p>Dead <i>Banksia</i> log Latitude: -31° 51' 26.28" Longitude: 115° 45' 33.05" Date: 20 Jun 2004 opt Image SS04_04DP1030028</p>

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Georeferenced Photos and Track for Jane Bracken's group at Star Swamp 20 June 2004



37 *Coprinus aff. picaceus*







Photographer Louise Little

At base of dead marri

Latitude: -31° 51' 4.52" Longitude: 115° 45' 34.11"

Date: 20 Jun 2004 opt Image SS04_06LL7337

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	<p>40 <i>Clitocybe semioculta</i> Photographer Louise Little Dead wood Latitude: -31° 51' 4.54" Longitude: 115° 45' 34.16" Date: 20 Jun 2004 opt Image SS04_06LL7340</p>
	<p>46 <i>Clitocybe semioculta</i> Photographer Louise Little Dead wood Latitude: -31° 51' 4.56" Longitude: 115° 45' 34.24" Date: 20 Jun 2004 opt Image SS04_06LL7346</p>
	<p>55 <i>Xerula</i> sp. Photographer Louise Little Damp litter Latitude: -31° 51' 4.59" Longitude: 115° 45' 34.34" Date: 20 Jun 2004 opt Image SS04_06LL7355</p>
	<p>66 <i>Ramaria</i> sp. Photographer Louise Little Base of <i>Xanthorrhoea</i> Latitude: -31° 51' 4.23" Longitude: 115° 45' 35.82" Date: 20 Jun 2004 opt Image SS04_06LL7366</p>
	<p>69 <i>Conocybe</i> sp. Photographer Louise Little Dead wood Latitude: -31° 51' 2.75" Longitude: 115° 45' 37.30" Date: 20 Jun 2004 opt Image SS04_06LL7369</p>
	<p>74 <i>Gymnopilus allantopus</i> Golden wood fungus Photographer Louise Little On dead <i>Banksia</i> Latitude: -31° 50' 58.01" Longitude: 115° 45' 32.77" Date: 20 Jun 2004 opt Image SS04_06LL7374</p>

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	<p>79 <i>Gymnopilus allantopus</i> Golden wood fungus</p> <p>Photographer Louise Little</p> <p>On dead <i>Banksia</i> Latitude: -31° 50' 58.05" Longitude: 115° 45' 32.80" Date: 20 Jun 2004 opt Image SS04_06LL7379</p>
	<p>86 <i>Lentinellus</i> sp.</p> <p>Photographer Louise Little</p> <p>Base of Tuart Latitude: -31° 50' 58.33" Longitude: 115° 45' 32.50" Date: 20 Jun 2004 opt Image SS04_06LL7386</p>
	<p>93 <i>Gymnopilus purpuratus</i></p> <p>Photographer Louise Little</p> <p>Dead wood Latitude: -31° 51' 12.06" Longitude: 115° 45' 32.85" Date: 20 Jun 2004 opt Image SS04_06LL7393</p>
	<p>96 <i>Cortinarius</i> sp.</p> <p>Photographer Louise Little</p> <p>In soil Latitude: -31° 51' 17.29" Longitude: 115° 45' 34.43" Date: 20 Jun 2004 opt Image SS04_06LL7396</p>
	<p>99 <i>Tremella aurantia</i> Orange jelly fungus</p> <p>Photographer Louise Little</p> <p>Dead wood Latitude: -31° 51' 19.49" Longitude: 115° 45' 34.64" Date: 20 Jun 2004 opt Image SS04_06LL7399</p>

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