



Perth
Urban
Bushland
Fungi

Trigg 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



Yellow group about to set out



Red group ready to go



Examining the fungi



Sorting the fungi collected

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 participants

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Thirty nine people attended the Perth Urban Bushland Fungi (PUBF) Project fungi workshop held at Trigg Bushland on 2 July 2006.

The workshop was organised with the assistance of the Friends of Trigg Bushland. There were 5 groups for the morning foraging session led by Kevn Griffiths and Margaret Langley; Phylis Robertson and Tanja Lambe; Joe Froudast and Mark Brundrett; Louise Little and Karen Clarke; and Elaine Davison and Neil Goldsborough, all leaders from the PUBF Project.

This event has allowed us to produce the **first ever inventory of fungi for Trigg Bushland**. This list represents a very small portion of the fungi which are likely to be present in this bushland. 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.

Trigg Bushland Fungi: 2 July 2006

Unusually low rainfall in the period prior to this survey affected the abundance and diversity of fungi observed in the survey. However, 45 species of fungi were recorded. These include decomposer fungi such as *Pluteus* species, beneficial mycorrhizal fungi such as *Amanita* species, and pathogenic (disease) fungi such as *Armillaria luteobubalina*. Several truffle fungi (fungi with fruit bodies under the ground) were found, e.g. *Hydnangium*. Truffle fungi have special ecological significance linking Flora, Fauna and Fungi. The truffles form beneficial mycorrhizal associations with plants such as eucalypts. They also emit odours to attract native mammals which dig them up and use them as a food resource. The animals in turn disperse the truffle spores.

In the Perth region, as is the case in Trigg Bushland, Tuart (*Eucalyptus gomphocephala*) as well as other trees and shrubs such as *Acacia rostellifera*, seem to be susceptible to *Armillaria luteobubalina*. The obvious consequences of *Armillaria* infestation include the death of trees and shrubs, but the overall effect on bushland ecology and the capacity of bushlands to recover is not known. *Armillaria luteobubalina* is considered to be a native fungus in the Perth region, so presumably has long been part of bushland ecology in the region, probably including Trigg Bushland. In most cases at least in the Perth Region, *Armillaria* infestations have been periodic, often flaring up and diminishing after a period of time. The underlying causes of such fluxes are not fully understood. The occurrence of high biodiversity of all types of fungi in bushlands and therefore the various contributions of those fungi to the overall health of bushlands may be one factor determining the frequency and severity of infestations of *Armillaria* (and other disease fungi). Management strategies that aim to nurture fungi biodiversity in parks such as Trigg Bushland therefore may be desirable from a disease management perspective as well as from a more general biodiversity perspective.

Some of the fungi recorded in this survey 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.

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>Genus Species</u>	<u>Common Name</u>	<u>Form</u>	<u>Habitat</u>	<u>Life Mode</u>	<u>Field Book Page No.</u>	<u>Specimen ID</u>
<i>Amanita</i> sp.		mushroom	litter/ground	M		2213
<i>Amanita xanthocephala</i>	Yellow Headed Amanita	mushroom	litter/ground	M		2207, 2246
<i>Armillaria luteobubalina</i>	Australian Honey Fungus	mushroom	dead/living trees & roots	P	J-2	2215
<i>Badhamia</i> aff. <i>viridescens</i>	Slime Mould	slime mould	dead wood	S		2279
<i>Calocera guepinioides</i>	Scotsman's Beard	jelly fungus	dead wood	S	Q-1	2245

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<i>Clavulina</i> sp.		coral	litter/ground	M		2202, 2212, 2236, 2256, 2262, 2264
<i>Clitocybe semiocculta</i>	Shy Funnel Cap	shell	dead wood	S	J-4	2273, 2280
<i>Coprinus</i> sp.		mushroom	litter/ground	S		2204, 2218
<i>Cortinarius</i> sp.		mushroom	litter/ground	M		2242
<i>Cortinarius ochraceofulvus</i>	Golden Tuart Cortinarius	mushroom	litter/ground	M	J-11	2216, 2250, 2261, 2265
<i>Cortinarius</i> sp.		mushroom	litter/ground	M		2225, 2226
<i>Crepidotus eucalyptorum</i>	Eucalypt Crepidotus	shell	dead wood	S	J-13	2223, 2224, 2263
<i>Crepidotus</i> sp.		shell	dead wood	S		2266
<i>Dermocybe</i> sp.		mushroom	litter/ground	M		2227
<i>Descomyces albus</i>		truffle	underground	M		2253
<i>Galerina</i> sp.		mushroom	litter/ground	S		2210, 2228, 2235
<i>Grandinia</i> sp.		resupinate	dead wood	S		2274
<i>Chondrogaster</i> sp.		truffle	litter/ground	M		2259
<i>Gymnopilus allantopus</i>	Golden Wood Fungus	mushroom	dead wood	S	J-15	2234
<i>Harknessia uromycoides</i>	Tuart Nut Fungus	pustules	dead wood	S	C-1	2229, 2254
<i>Heterotextus peziziformis</i>		jelly	dead wood	S		2244
<i>Hydnangium carneum</i>	Pink False Truffle	truffle	underground/ under litter	M		2724
<i>Laccaria</i> sp.		mushroom	litter/ground	M		2243, 2251, 2247, 2269
<i>Mycena</i> sp.		mushroom	litter/ground	S		2205, 2237, 2257, 2258, 2267
<i>Mycoacia subceracea</i>	Golden Splash Tooth	resupinate	dead wood	S	O-4	2217
<i>Omphalotus nidiformis</i>	Ghost Fungus	mushroom	dead wood	S/P	J-21	2233
<i>Peniophora</i> sp.		resupinate	dead wood	S		2248, 2271, 2272
<i>Pisolithus</i> sp.	Dog Poo Fungus	puffball	litter/ground	M	L-3	2214, 2270
<i>Pluteus lutescens</i>		mushroom	dead wood	S		2221
<i>Pluteus</i> sp.		mushroom	dead wood	S		2260
<i>Poria</i> sp.		resupinate	dead wood	S		2219
<i>Psathyrella</i> sp.		mushroom	litter/ground	S		2203
<i>Pycnoporus coccineus</i>	Scarlet Bracket Fungus	bracket	dead wood	S	N-8	2239
<i>Russula</i> sp.		mushroom	litter/ground	M		2208
<i>Scleroderma</i> sp.		puffball	litter/ground	M	L-4	2222
<i>Scleroderma cepa</i>		puffball	litter/ground	M		2231, 2249

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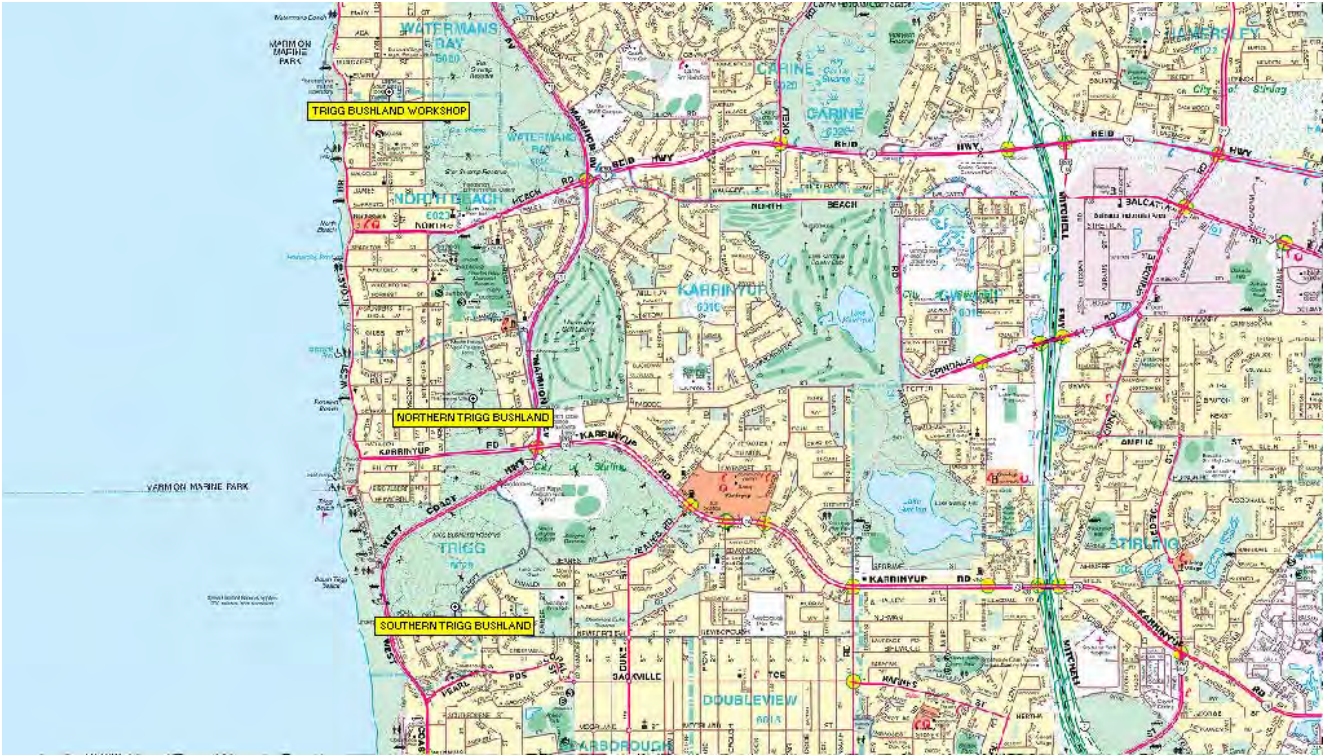
<i>Stereum hirsutum</i>	Hairy Curtain Fungus	bracket	dead wood	S		2276
<i>Trichoderma sp.</i>		mould	dead wood	S		2201
<i>Tubaria sp.</i>		mushroom	litter/ground	S		2240, 2268
Undetermined Agaric		mushroom	litter/ground	-		2200, 2238, 2255
Undetermined Ascomycete						2206, 2230
Undetermined Bolete		mushroom	litter/ground	M		2241
Undetermined Resupinate		resupinate	dead wood	M		2232, 2252, 2275, 2277, 2278
Undetermined Slime Mould		slime	dead wood	S		2209
<i>Xerula australis</i>		mushroom	litter/ground	S		2211
<i>Xerula sp.</i>		mushroom	litter/ground	S		2220

Permanent Voucher Collections

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

<i>Crepidotus eucalyptorum</i>	Voucher ID: BOU 230	Specimen ID: 2263
<i>Xerula sp.</i>	Voucher ID: BOU 231	Specimen ID: 2220
<i>Mycoacia subceracea</i>	Voucher ID: BOU 232	Specimen ID: 2217
<i>Hydnangium carneum</i>	Voucher ID: BOU 233	Specimen ID: 2724
<i>Descomyces albus</i>	Voucher ID: BOU 234	Specimen ID: 2253
<i>Chondrogaster sp.</i>	Voucher ID: BOU 235	Specimen ID: 2259

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StreetExpress Map showing the location of the Trigg Bushland workshop site at the Laurie Strutt Reserve, and the location of the northern and southern sections of Trigg bushland surveyed. Trigg Bushland is Bush Forever Site 308, a Department of Environment and Conservation Reference Site.



Aerial photo showing the colour coded tracks taken by the five foraging groups on 2 July 2006.

Georeferenced Track and Photos







Kevn Griffiths and Margaret Langley's group, 2 July 2006.









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>04 Undetermined Agaric Photographer Margaret Langley <u>Specimen ID:</u> 2200</p> <p>Growing under litter in woodland. Latitude: -31° 52' 10.88" Longitude: 115° 45' 43.20" Easting:382895 Northing: 6473339 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML04</p>
	<p>07 <i>Trichoderma</i> sp. Photographer Margaret Langley <u>Specimen ID:</u> 2201</p> <p>Growing on banksia cone in grass and litter in woodland. Latitude: -31° 52' 10.78" Longitude: 115° 45' 42.67" Easting:382881 Northing: 6473342 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML07</p>
	<p>14 <i>Clavulina</i> sp. Photographer Margaret Langley <u>Specimen ID:</u> 2202</p> <p>Growing in litter in woodland. Latitude: -31° 52' 10.93" Longitude: 115° 45' 43.10" Easting:382892 Northing: 6473338 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML14</p>

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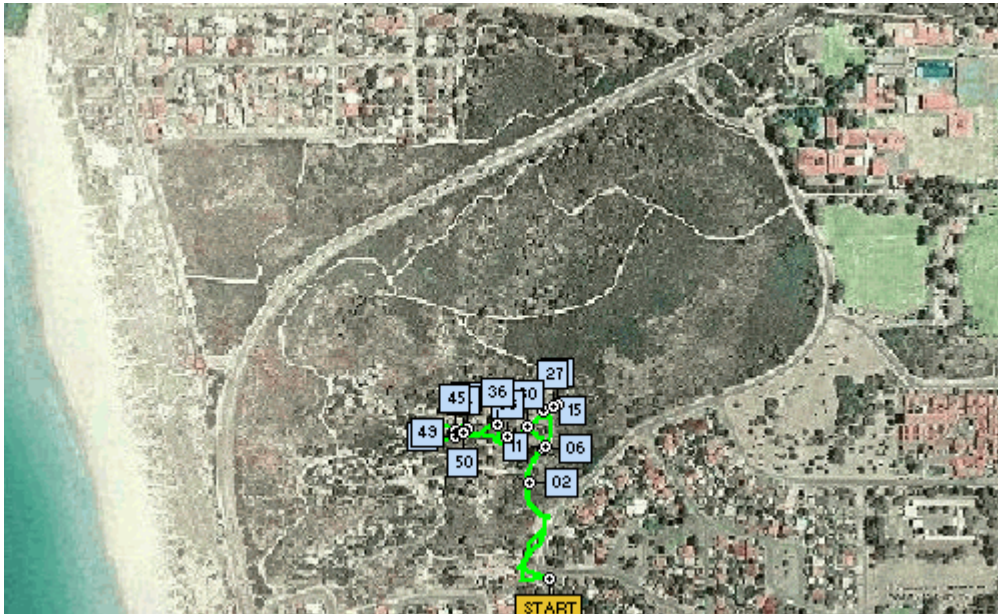
	<p>18 <i>Psathyrella</i> sp. Photographer Margaret Langley <u>Specimen ID:</u> 2203</p> <p>Growing in litter in woodland. Latitude: -31° 52' 11.00" Longitude: 115° 45' 43.22" Easting:382895 Northing: 6473336 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML18</p>
	<p>21 <i>Coprinus</i> sp. Photographer Margaret Langley <u>Specimen ID:</u> 2204</p> <p>Growing in litter in woodland. Latitude: -31° 52' 10.94" Longitude: 115° 45' 43.23" Easting:382895 Northing: 6473338 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML21</p>
	<p>22 <i>Mycena</i> sp. Photographer Margaret Langley <u>Specimen ID:</u> 2205</p> <p>Growing on dead wood in woodland. Latitude: -31° 52' 11.09" Longitude: 115° 45' 43.27" Easting:382897 Northing: 6473333 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML22</p>
	<p>24 Undetermined Ascomycete Photographer Margaret Langley <u>Specimen ID:</u> 2206</p> <p>Growing on marri nut in litter. Latitude: -31° 52' 12.01" Longitude: 115° 45' 43.80" Easting:382911 Northing: 6473305 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML24</p>
	<p>29 <i>Amanita xanthocephala</i> Yellow Headed Amanita Photographer Margaret Langley <u>Specimen ID:</u> 2207</p> <p>Growing in sand in litter in woodland. Latitude: -31° 52' 11.54" Longitude: 115° 45' 43.80" Easting:382911 Northing: 6473319 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML29</p>
	<p>31 <i>Russula</i> sp. Photographer Margaret Langley <u>Specimen ID:</u> 2208</p> <p>Growing in sand in woodland. Latitude: -31° 52' 11.42" Longitude: 115° 45' 43.63" Easting:382906 Northing: 6473323 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML31</p>

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	<p>33 Undetermined Slime Mould Photographer Margaret Langley <u>Specimen ID:</u> 2209</p> <p>Growing on seed capsule in woodland. Latitude: -31° 52' 11.73" Longitude: 115° 45' 43.84" Easting:382912 Northing: 6473314 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML33</p>
	<p>34 <i>Xerula australis</i> Photographer Margaret Langley <u>Specimen ID:</u> 2211</p> <p>Growing on fallen wood in woodland. Latitude: -31° 52' 11.96" Longitude: 115° 45' 43.92" Easting:382914 Northing: 6473306 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML34</p>
	<p>38 <i>Galerina</i> sp. Photographer Margaret Langley <u>Specimen ID:</u> 2210</p> <p>Growing in moss in woodland. Latitude: -31° 52' 11.96" Longitude: 115° 45' 43.95" Easting:382915 Northing: 6473306 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML38</p>
	<p>39 <i>Clavulina</i> sp. Photographer Margaret Langley <u>Specimen ID:</u> 2212</p> <p>Growing on sand in woodland. Latitude: -31° 52' 11.86" Longitude: 115° 45' 44.03" Easting:382917 Northing: 6473310 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML39</p>
	<p>45 <i>Amanita</i> sp. Photographer Margaret Langley <u>Specimen ID:</u> 2213</p> <p>Growing on disturbed lawn in woodland. Latitude: -31° 52' 11.20" Longitude: 115° 45' 44.55" Easting:382930 Northing: 6473330 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML45</p>
	<p>46 <i>Pisolithus</i> sp. Dog Poo Fungus Photographer Margaret Langley <u>Specimen ID:</u> 2214</p> <p>Growing in sand in woodland. Latitude: -31° 52' 11.22" Longitude: 115° 45' 44.58" Easting:382931 Northing: 6473330 Zone: 50 Date: 02 Jul 2006 opt Image TB60_155ML46</p>

Georeferenced Track and Photos







Phylis Robertson and Tanja Lambe's group, 2 July 2006.



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>02 <i>Armillaria luteobubalina</i> Australian Honey Fungus Photographer Tanja Lambe Specimen ID: 2215</p> <p>Growing on dead wood in <i>Acacia rostellifera</i> shrubland. Latitude: -31° 52' 55.99" Longitude: 115° 45' 35.14" Easting: 382699 Northing: 6471948 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL02</p>
	<p>06 <i>Cortinarius ochraceofulvus</i> Golden Tuart Cortinarius Photographer Tanja Lambe Specimen ID: 2216</p> <p>Growing under litter in tuart woodland. Latitude: -31° 52' 54.19" Longitude: 115° 45' 35.97" Easting: 382720 Northing: 6472004 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL06</p>
	<p>07 <i>Mycoacia subceracea</i> Golden Splash Tooth Photographer Tanja Lambe Specimen ID: 2217</p> <p>Growing on dead wood in litter in tuart woodland Latitude: -31° 52' 54.00" Longitude: 115° 45' 36.00" Easting: 382720 Northing: 6472004 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL62 Vouchered into WA Herbarium BOU 232</p>

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	<p>11 <i>Coprinus</i> sp. Photographer Tanja Lambe <u>Specimen ID:</u> 2218</p> <p>Growing within litter of tuart woodland. Latitude: -31° 52' 54.05" Longitude: 115° 45' 36.14" Easting:382724 Northing: 6472008 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL11</p>
	<p>15 <i>Poria</i> sp. Photographer Tanja Lambe <u>Specimen ID:</u> 2219</p> <p>Growing on dead wood in tuart woodland. Latitude: -31° 52' 52.21" Longitude: 115° 45' 36.07" Easting:382722 Northing: 6472065 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL15</p>
	<p>24 <i>Xerula</i> sp. Photographer Tanja Lambe <u>Specimen ID:</u> 2220</p> <p>Growing within thick acacia litter in <i>Acacia rostellifera</i> shrubland. Latitude: -31° 52' 51.96" Longitude: 115° 45' 36.96" Easting:382745 Northing: 6472073 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL24 Vouchered into WA Herbarium BOU 231</p>
	<p>27 <i>Pluteus lutescens</i> Photographer Tanja Lambe <u>Specimen ID:</u> 2221</p> <p>Growing on <i>Acacia rostellifera</i> wood in <i>Acacia rostellifera</i> shrubland. Latitude: -31° 52' 52.01" Longitude: 115° 45' 36.71" Easting:382739 Northing: 6472071 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL27</p>
	<p>30 <i>Scleroderma</i> sp. Photographer Tanja Lambe <u>Specimen ID:</u> 2222</p> <p>Growing in sand of <i>Acacia rostellifera</i> and acanthocarpus open sand dune. Latitude: -31° 52' 53.04" Longitude: 115° 45' 35.06" Easting:382696 Northing: 6472039 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL30</p>
	<p>33 <i>Crepidotus eucalyptorum</i> Eucalypt Crepidotus Photographer Tanja Lambe <u>Specimen ID:</u> 2223</p> <p>Growing on dead tuart wood in tuart woodland. Latitude: -31° 52' 53.51" Longitude: 115° 45' 33.84" Easting:382664 Northing: 6472024 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL33</p>

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	<p>36 <i>Crepidotus eucalyptorum</i> Eucalypt Crepidotus Photographer Tanja Lambe <u>Specimen ID: 2224</u></p> <p>Growing on dead tuart wood in tuart woodland. Latitude: -31° 52' 52.92" Longitude: 115° 45' 33.24" Easting:382648 Northing: 6472042 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL36</p>
	<p>37 <i>Cortinarius</i> sp. Photographer Tanja Lambe <u>Specimen ID: 2225</u></p> <p>Growing in sand under litter in <i>Callitris preisii</i> woodland. Latitude: -31° 52' 53.11" Longitude: 115° 45' 31.36" Easting:382598 Northing: 6472036 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL37</p>
	<p>45 <i>Dermocybe</i> sp. Photographer Tanja Lambe <u>Specimen ID: 2227</u></p> <p>Growing in sand under litter in <i>Callitris preisii</i> woodland. Latitude: -31° 52' 53.18" Longitude: 115° 45' 30.67" Easting:382580 Northing: 6472033 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL45</p>
	<p>47 <i>Galerina</i> sp. Photographer Tanja Lambe <u>Specimen ID: 2228</u></p> <p>Growing within litter in tuart and <i>Callitris preisii</i> woodland. Latitude: -31° 52' 53.48" Longitude: 115° 45' 30.67" Easting:382580 Northing: 6472024 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL47</p>
	<p>50 <i>Harknessia uromycoides</i> Tuart Nut Fungus Photographer Tanja Lambe <u>Specimen ID: 2229</u></p> <p>Growing on tuart nuts within litter in woodland. Latitude: -31° 52' 53.31" Longitude: 115° 45' 31.13" Easting:382592 Northing: 6472030 Zone: 50 Date: 02 Jul 2006 opt Image TB60_156TL50</p>

Georeferenced Track and Photos



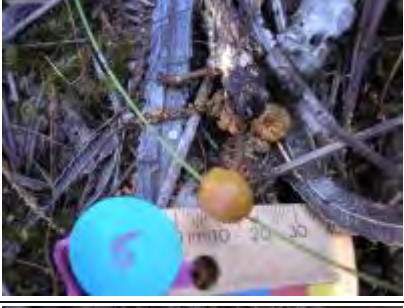



Joe Froudust and Mark Brundrett's group, 2 July 2006.







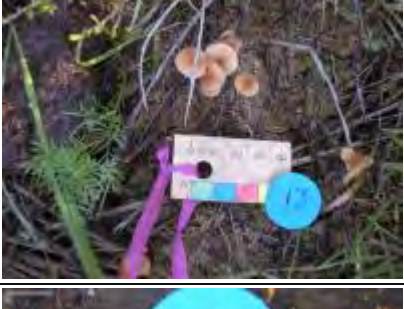

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	<p>03 <i>Scleroderma cepa</i> Photographer Joe Froudist <u>Specimen ID:</u> 2231</p> <p>Growing in sand in tuart, banksia and casuarina woodland. Latitude: -31° 52' 20.35" Longitude: 115° 45' 46.35" Easting:382981 Northing: 6473049 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF03</p>
	<p>04 <i>Resupinatus</i> sp. Photographer Joe Froudist <u>Specimen ID:</u> 2232</p> <p>Growing under dead banksia trunk in tuart and banksia woodland. Latitude: -31° 52' 21.00" Longitude: 115° 45' 46.58" Easting:382987 Northing: 6473029 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF04</p>


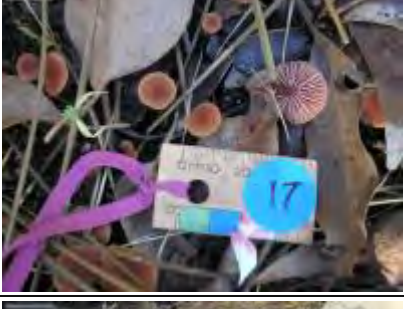

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	<p>05 <i>Omphalotus nidiformis</i> Ghost Fungus Photographer Joe Froud <u>Specimen ID:</u> 2233</p> <p>Growing under dead banksia trunk in tuart and banksia woodland. Latitude: -31° 52' 21.03" Longitude: 115° 45' 46.51" Easting:382985 Northing: 6473028 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF05</p>
	<p>07 <i>Gymnopilus allantopus</i> Golden Wood Fungus Photographer Joe Froud <u>Specimen ID:</u> 2234</p> <p>Growing on dead <i>Banksia menziesii</i> in tuart, <i>Banksia menziesii</i> and marri woodland. Latitude: -31° 52' 22.98" Longitude: 115° 45' 44.97" Easting:382945 Northing: 6472967 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF07</p>
	<p>09 <i>Galerina</i> sp. Photographer Joe Froud <u>Specimen ID:</u> 2235</p> <p>Growing in sand on dead wood in banksia woodland with xanthorrhoea understory. Latitude: -31° 52' 23.04" Longitude: 115° 45' 45.01" Easting:382946 Northing: 6472966 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF09</p>
	<p>10 <i>Clavulina</i> sp. Photographer Joe Froud <u>Specimen ID:</u> 2236</p> <p>Growing in sand in litter in banksia woodland, between two balgas. Latitude: -31° 52' 23.07" Longitude: 115° 45' 45.02" Easting:382947 Northing: 6472965 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF10</p>
	<p>11 <i>Mycena</i> sp. Photographer Joe Froud <u>Specimen ID:</u> 2237</p> <p>Growing under litter in tuart woodland. Latitude: -31° 52' 22.87" Longitude: 115° 45' 44.50" Easting:382933 Northing: 6472971 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF11</p>
	<p>13 Undetermined Agaric Photographer Joe Froud <u>Specimen ID:</u> 2238</p> <p>Growing under litter in tuart woodland. Latitude: -31° 52' 22.88" Longitude: 115° 45' 44.47" Easting:382932 Northing: 6472971 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF13</p>

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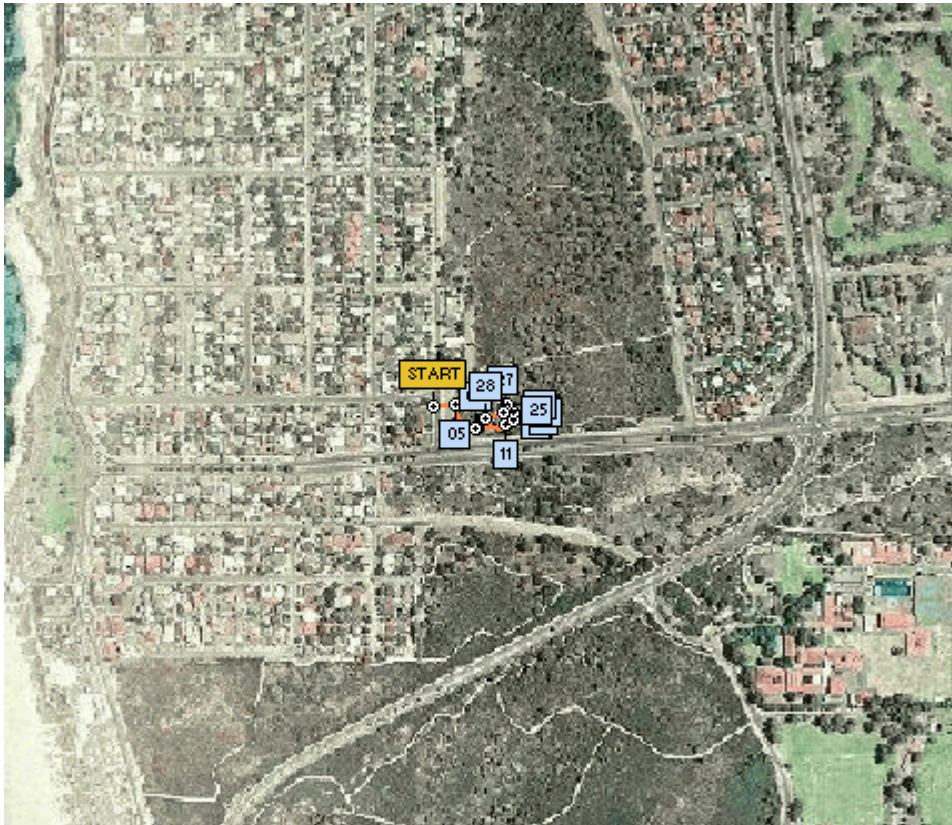
	<p>14 <i>Pycnoporus coccineus</i> Scarlet Bracket Fungus Photographer Joe Froudust <u>Specimen ID:</u> 2239</p> <p>Growing on dead wood in jarrah and marri woodland. Latitude: -31° 52' 22.58" Longitude: 115° 45' 44.60" Easting:382936 Northing: 6472980 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF14</p>
	<p>15 <i>Tubaria</i> sp. Photographer Joe Froudust <u>Specimen ID:</u> 2240</p> <p>Growing in sand in litter in marri woodland. Latitude: -31° 52' 22.48" Longitude: 115° 45' 44.64" Easting:382937 Northing: 6472983 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF15</p>
	<p>17 <i>Boletus</i> sp. Photographer Joe Froudust <u>Specimen ID:</u> 2241</p> <p>Growing in sand amongst balga. Latitude: -31° 52' 19.84" Longitude: 115° 45' 42.16" Easting:382871 Northing: 6473063 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF17</p>
	<p>18 <i>Cortinarius</i> sp. Photographer Joe Froudust <u>Specimen ID:</u> 2242</p> <p>Growing in sand under jacksonia in shrubland. Latitude: -31° 52' 19.64" Longitude: 115° 45' 41.91" Easting:382864 Northing: 6473070 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF18</p>
	<p>19 <i>Laccaria</i> sp. Photographer Joe Froudust <u>Specimen ID:</u> 2243</p> <p>Growing in sand under <i>Jacksonia sternbergiana</i> in shrubland. Latitude: -31° 52' 19.52" Longitude: 115° 45' 41.80" Easting:382861 Northing: 6473073 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF19</p>
	<p>21 <i>Heterotextus peziziformis</i> Photographer Joe Froudust <u>Specimen ID:</u> 2244</p> <p>Growing on dead wood. Latitude: -31° 52' 18.70" Longitude: 115° 45' 41.76" Easting:382860 Northing: 6473099 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF21</p>

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	<p>23 <i>Calocera guepinioides</i> Scotsman's Beard Photographer Joe Froudust <u>Specimen ID:</u> 2245</p> <p>Growing on dead wood in jarrah and marri woodland. Latitude: -31° 52' 18.69" Longitude: 115° 45' 41.84" Easting:382862 Northing: 6473099 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF23</p>
	<p>25 <i>Amanita xanthocephala</i> Yellow Headed Amanita Photographer Joe Froudust <u>Specimen ID:</u> 2246</p> <p>Growing in sand in jarrah and marri woodland. Latitude: -31° 52' 17.90" Longitude: 115° 45' 42.48" Easting:382878 Northing: 6473123 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF25</p>
	<p>27 <i>Laccaria</i> sp. Photographer Joe Froudust <u>Specimen ID:</u> 2247</p> <p>Growing in sand in jarrah and marri woodland. Latitude: -31° 52' 17.52" Longitude: 115° 45' 44.14" Easting:382922 Northing: 6473136 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF27</p>
	<p>28 <i>Peniophora</i> sp. Photographer Joe Froudust <u>Specimen ID:</u> 2248</p> <p>Growing on dead wood in jarrah and marri woodland. Latitude: -31° 52' 17.54" Longitude: 115° 45' 44.28" Easting:382925 Northing: 6473135 Zone: 50 Date: 02 Jul 2006 opt Image TB60_157JF28</p>

Georeferenced Track and Photos

Karen Clarke and Louise Little's group, 2 July 2006.








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>05 <i>Scleroderma cepa</i> Photographer Louise Little <u>Specimen ID:</u> 2249</p> <p>Growing in sand in cultivated grassland. Latitude: -31° 52' 25.02" Longitude: 115° 45' 33.63" Easting:382648 Northing: 6472901 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL05</p>
	<p>07 <i>Cortinarius ochraceofulvus</i> Golden Tuart Cortinarius Photographer Louise Little <u>Specimen ID:</u> 2250</p> <p>Growing in sand in tuart forest. Latitude: -31° 52' 26.26" Longitude: 115° 45' 34.91" Easting:382682 Northing: 6472864 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL07</p>

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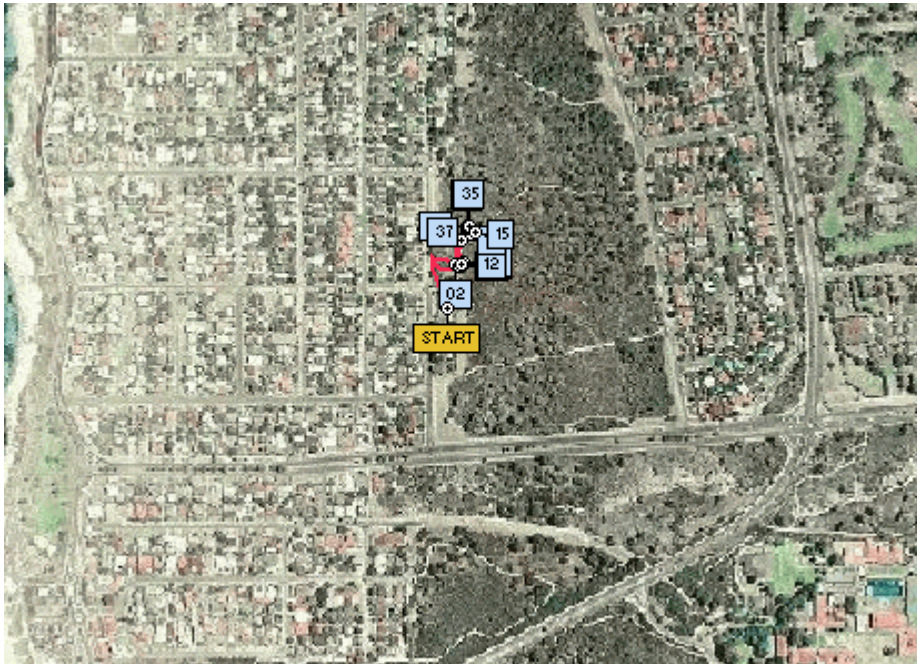
	<p>09 <i>Laccaria</i> sp. Photographer Louise Little <u>Specimen ID:</u> 2251</p> <p>Growing in sand in tuart woodland. Latitude: -31° 52' 26.26" Longitude: 115° 45' 34.85" Easting:382681 Northing: 6472864 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL09</p>
	<p>11 Undetermined Resupinate Photographer Louise Little <u>Specimen ID:</u> 2252</p> <p>Growing on dead tuart branch in tuart woodland. Latitude: -31° 52' 26.08" Longitude: 115° 45' 36.65" Easting:382728 Northing: 6472870 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL11</p>
	<p>12 <i>Hydnangium carneum</i> Pink False Truffle Photographer Louise Little <u>Specimen ID:</u> 2724</p> <p>Growing in sandy loam in tuart forest. Latitude: -31° 52' 26.08" Longitude: 115° 45' 36.73" Easting:382730 Northing: 6472870 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL12 Vouchered into WA Herbarium BOU 233</p>
	<p>13 <i>Descomyces albus</i> Photographer Louise Little <u>Specimen ID:</u> 2253</p> <p>Growing in sandy loam in tuart forest. Latitude: -31° 52' 26.08" Longitude: 115° 45' 36.75" Easting:382730 Northing: 6472870 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL13 Vouchered into WA Herbarium BOU 234</p>
	<p>14 <i>Harknessia uromycoides</i> Tuart Nut Fungus Photographer Louise Little <u>Specimen ID:</u> 2254</p> <p>Growing on tuart nuts within litter in tuart forest. Latitude: -31° 52' 26.08" Longitude: 115° 45' 36.69" Easting:382729 Northing: 6472870 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL14</p>
	<p>15 Undetermined Agaric Photographer Louise Little <u>Specimen ID:</u> 2255</p> <p>Growing in sand in tuart forest. Latitude: -31° 52' 25.86" Longitude: 115° 45' 37.08" Easting:382739 Northing: 6472877 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL15</p>

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	<p>17 <i>Mycena</i> sp. Photographer Louise Little <u>Specimen ID:</u> 2257</p> <p>Growing within litter in tuart forest. Latitude: -31° 52' 25.46" Longitude: 115° 45' 37.08" Easting:382739 Northing: 6472889 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL17</p>
	<p>18 <i>Mycena</i> sp. Photographer Louise Little <u>Specimen ID:</u> 2258</p> <p>Growing within litter in tuart forest. Latitude: -31° 52' 25.47" Longitude: 115° 45' 37.15" Easting:382741 Northing: 6472889 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL18</p>
	<p>20 <i>Chondrogaster</i> sp. Photographer Louise Little <u>Specimen ID:</u> 2259</p> <p>Growing within litter in tuart forest. Latitude: -31° 52' 25.40" Longitude: 115° 45' 37.15" Easting:382741 Northing: 6472891 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL20 Vouchered into WA Herbarium BOU 235</p>
	<p>24 <i>Pluteus</i> sp. Photographer Louise Little <u>Specimen ID:</u> 2260</p> <p>Growing on dead wood in tuart forest. Latitude: -31° 52' 25.00" Longitude: 115° 45' 36.76" Easting:382730 Northing: 6472903 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL24</p>
	<p>27 <i>Clavulina</i> sp. Photographer Louise Little <u>Specimen ID:</u> 2262</p> <p>Growing on banksia nut in tuart forest. Latitude: -31° 52' 25.46" Longitude: 115° 45' 36.58" Easting:382726 Northing: 6472889 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL27</p>
	<p>28 <i>Crepidotus eucalyptorum</i> Eucalypt Crepidotus Photographer Louise Little <u>Specimen ID:</u> 2263</p> <p>Growing on dead wood in tuart forest. Latitude: -31° 52' 25.72" Longitude: 115° 45' 35.39" Easting:382695 Northing: 6472880 Zone: 50 Date: 02 Jul 2006 opt Image TB60_158LL28 Vouchered into WA Herbarium BOU 230</p>

Georeferenced Track and Photos

Elaine Davison and Neil Goldsborough's group, 2 July 2006.









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>02 <i>Clavulina</i> sp. Photographer Neil Goldsborough <u>Specimen ID:</u> 2264</p> <p>Growing on dead wood within litter in tuart woodland. Latitude: -31° 52' 17.74" Longitude: 115° 45' 34.24" Easting:382662 Northing: 6473126 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG02</p>
	<p>04 <i>Cortinarius ochraceofulvus</i> Golden Tuart Cortinarius Photographer Neil Goldsborough <u>Specimen ID:</u> 2265</p> <p>Growing in soil in litter in tuart woodland. Latitude: -31° 52' 17.78" Longitude: 115° 45' 34.38" Easting:382665 Northing: 6473125 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG04</p>
	<p>08 <i>Crepidotus</i> sp. Photographer Neil Goldsborough <u>Specimen ID:</u> 2266</p> <p>Growing on dead wood in tuart woodland. Latitude: -31° 52' 17.68" Longitude: 115° 45' 34.67" Easting:382673 Northing: 6473128 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG08</p>

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	<p>09 <i>Mycena</i> sp. Photographer Neil Goldsborough <u>Specimen ID:</u> 2267</p> <p>Growing within litter, amongst pelargonium in tuart woodland. Latitude: -31° 52' 17.65" Longitude: 115° 45' 34.64" Easting:382672 Northing: 6473129 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG09</p>
	<p>12 <i>Tubaria</i> sp. Photographer Neil Goldsborough <u>Specimen ID:</u> 2268</p> <p>Growing within litter, amongst pelargonium in tuart woodland. Latitude: -31° 52' 17.73" Longitude: 115° 45' 34.60" Easting:382671 Northing: 6473126 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG12</p>
	<p>14 <i>Laccaria</i> sp. Photographer Neil Goldsborough <u>Specimen ID:</u> 2269</p> <p>Growing in sand in tuart woodland. Latitude: -31° 52' 16.43" Longitude: 115° 45' 34.62" Easting:382671 Northing: 6473166 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG14</p>
	<p>15 <i>Pisolithus</i> sp. Dog Poo Fungus Photographer Neil Goldsborough <u>Specimen ID:</u> 2270</p> <p>Growing in sand in tuart woodland. Latitude: -31° 52' 16.18" Longitude: 115° 45' 35.14" Easting:382685 Northing: 6473174 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG15</p>
	<p>17 <i>Peniophora</i> sp. Photographer Neil Goldsborough <u>Specimen ID:</u> 2272</p> <p>Growing on dead balga spike in tuart woodland. Latitude: -31° 52' 15.82" Longitude: 115° 45' 34.99" Easting:382681 Northing: 6473185 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG17</p>
	<p>23 <i>Grandinia</i> sp. Photographer Neil Goldsborough <u>Specimen ID:</u> 2274</p> <p>Growing on dead balga spike in tuart woodland. Latitude: -31° 52' 15.74" Longitude: 115° 45' 35.06" Easting:382682 Northing: 6473187 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG023</p>

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	<p>28 <i>Resupinatus</i> sp. Photographer Neil Goldsborough <u>Specimen ID:</u> 2275</p> <p>Growing on dead wood in tuart woodland. Latitude: -31° 52' 15.74" Longitude: 115° 45' 34.99" Easting:382681 Northing: 6473187 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG28</p>
	<p>29 <i>Stereum hirsutum</i> Hairy Curtain Fungus Photographer Neil Goldsborough <u>Specimen ID:</u> 2276</p> <p>Growing on dead wood in tuart woodland. Latitude: -31° 52' 15.76" Longitude: 115° 45' 34.99" Easting:382681 Northing: 6473187 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG29</p>
	<p>31 Undetermined Resupinate Photographer Neil Goldsborough <u>Specimen ID:</u> 2277</p> <p>Growing on dead wood in tuart woodland. Latitude: -31° 52' 15.74" Longitude: 115° 45' 35.04" Easting:382682 Northing: 6473187 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG31</p>
	<p>33 Undetermined Resupinate Photographer Neil Goldsborough <u>Specimen ID:</u> 2278</p> <p>Growing on dead wood in tuart woodland. Latitude: -31° 52' 15.74" Longitude: 115° 45' 34.99" Easting:382681 Northing: 6473187 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG33</p>
	<p>35 <i>Badhamia aff. viridescens</i> Slime Mould Photographer Neil Goldsborough <u>Specimen ID:</u> 2279</p> <p>Growing on dead tuart in tuart woodland. Latitude: -31° 52' 15.74" Longitude: 115° 45' 35.05" Easting:382682 Northing: 6473187 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG35</p>
	<p>37 <i>Clitocybe semiocculata</i> Shy Funnel Cap Photographer Neil Goldsborough <u>Specimen ID:</u> 2280</p> <p>Growing on dead balga spike in tuart woodland. Latitude: -31° 52' 16.07" Longitude: 115° 45' 35.39" Easting:382691 Northing: 6473177 Zone: 50 Date: 02 Jul 2006 opt Image TB60_159NG37</p>