

Perth  
Urban  
Bushland  
Fungi

## Edith Cowan University, Joondalup Fungi Report 2005

Forty people consisting of 3 instructors and 37 students attended the PUBF Fungi Practical Classes at Edith Cowan University, Joondalup campus, on 2 August 2005, held between 9am-4pm.

The classes were organised together with Kristina Lemson, lecturer at Edith Cowan University, Joondalup campus.

The Practical classes were conducted in two sessions. Twenty three students and three leaders took part in the morning session while fourteen students and the same three instructors, Kristina Lemson, Sandra Thomas and Roz Hart, participated in the afternoon session.



Tough Cinnamon Fungus: *Coltricia cinnamomea*



Unknown mushrooms



*Cortinarius* sp. showing rusty spore print

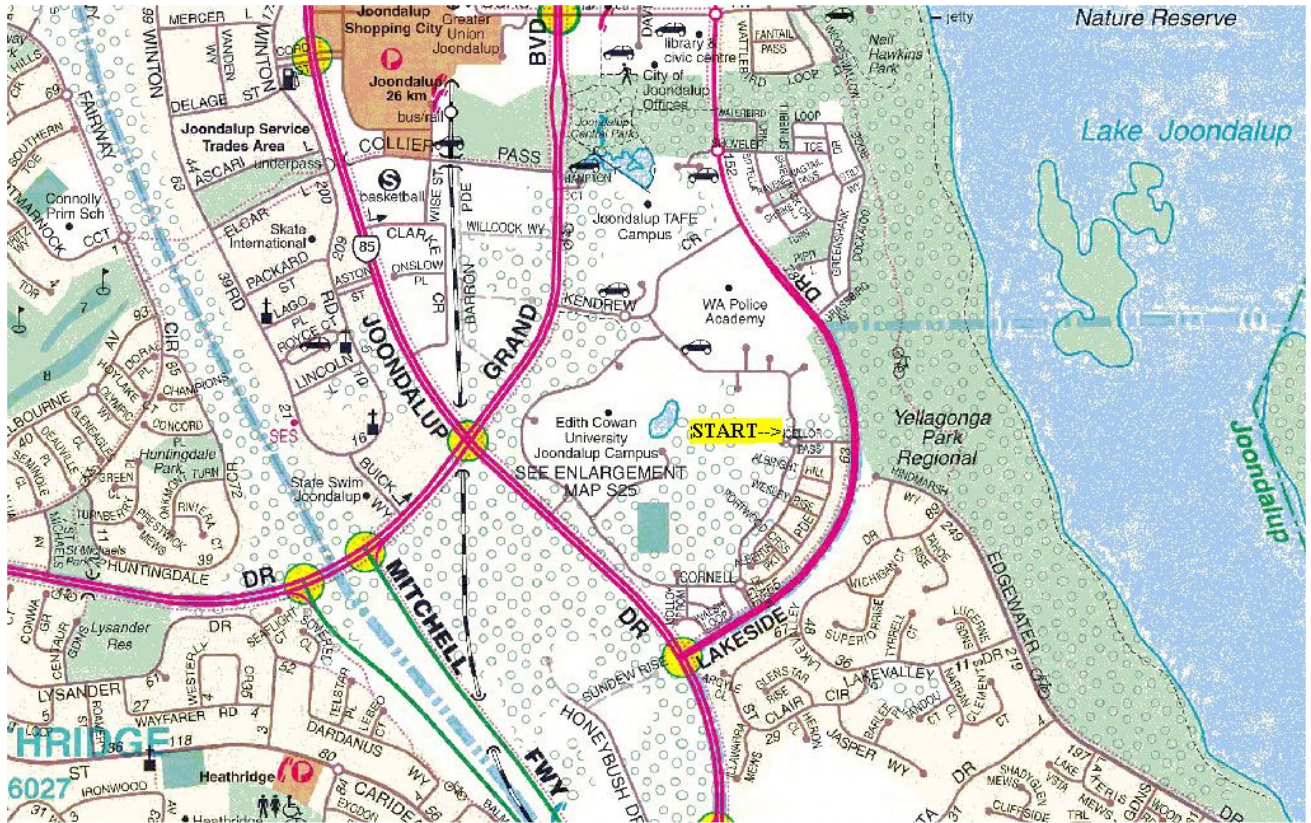


Dung Buttons, *Poronia erici*

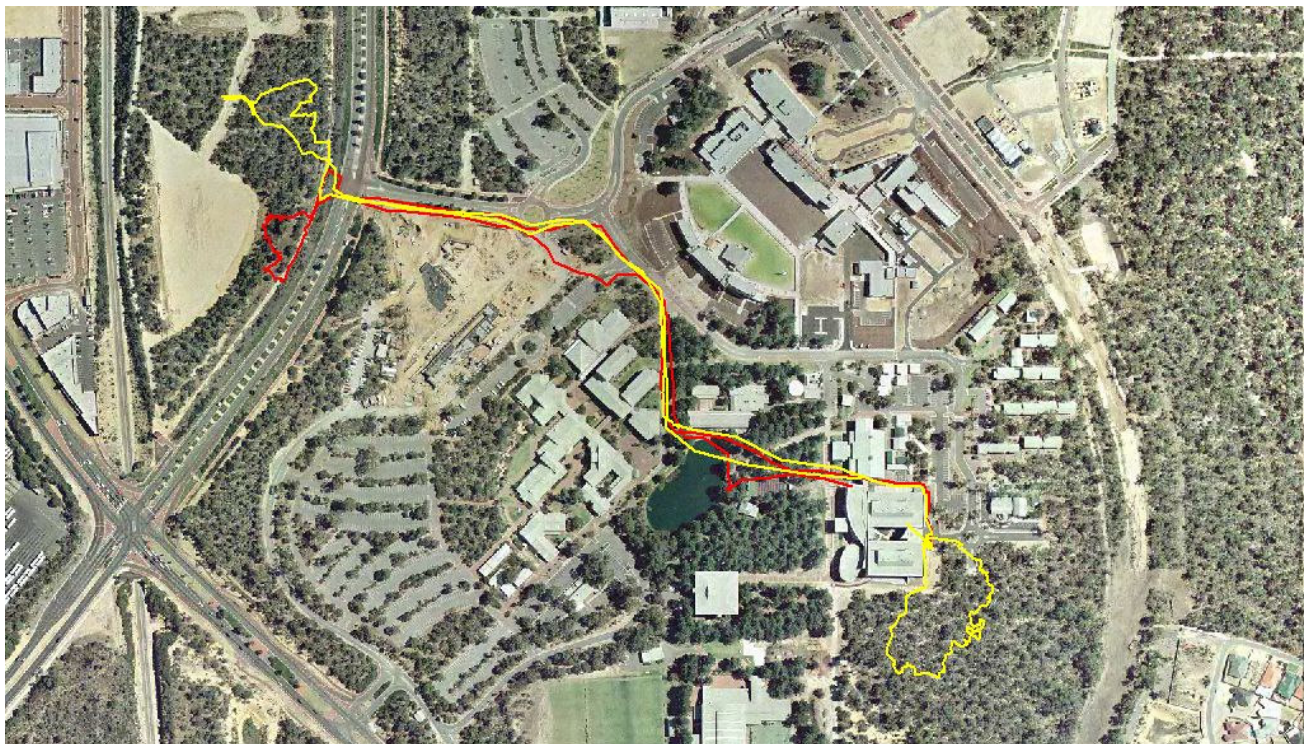
**Recommendation:** This event has allowed us to produce the **first ever inventory of fungi for Edith Cowan University, Joondalup campus bushland.** This list represents a very small portion of the fungi which are likely to be present in this bushland area. Due to the nature of fungi, which fruit irregularly 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, ECU Joondalup Fungi Report 2005



StreetExpress Map showing the location of Edith Cowan University, Joondalup campus bushland



Aerial photo showing the tracks for the three foray groups. Roz Hart's group track is red, Sandra Thomas and Kristina Lemson's group tracks are yellow.

**ECU Joondalup Fungi List Report 2005**

The Joondalup campus bushland has a high diversity of native fungi, some of which were collected during this foray.

Rhizopogon is a mycorrhizal associate of pine trees which was collected under the Joondalup campus pines en route to the 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](http://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>Coltricia cinnamomea</i>	<b>Tough Cinnamon Fungus</b>	mushroom	litter/ground	S	N-1	1735, 1759
<i>Coltriciella dependens</i>		mushroom	litter/ground	S	--	1784
<i>Colus pusillus</i>	<b>Red Fingers</b>	stinkhorn	litter/ground	S	L-1	1755
<i>Cortinarius sp.</i>		mushroom	litter/ground	M	--	1733, 1786
<i>Crepidotus nephrodes</i>		shell	dead wood	S	--	1727, 1764
<i>Dictydiaethelium plumbeum</i>	<b>Strawberry Slime Mould</b>	slime mould	dead wood	S	--	1728, 1746, 1760
<i>Exidia sp.</i>		jelly fungus	dead wood	S	--	1777
<i>Galerina sp.</i>		mushroom	litter/ground	S	--	1782
<i>Gymnopilus allantopus</i>	<b>Golden Wood Fungus</b>	mushroom	dead wood	S	J-15	1724, 1732, 1734, 1751
<i>Gymnopilus sp.</i>		mushroom	dead wood	S	--	1737
<i>Harknessia uromycoides</i>	<b>Tuart Nut Fungus</b>	pustules	dead wood	S	C-1	1748
<i>Henningsomyces candidus</i>	<b>Miniature Chimney Pots</b>	tubular	dead wood	S	R-1	1736
<i>Laccaria lateritia</i>	<b>Brick Red Laccaria</b>	mushroom	litter/ground	M	J-17	1729
<i>Laccaria sp.</i>		mushroom	litter/ground	M	--	1742, 1758
<i>Mycena sp.</i>		mushroom	litter/ground	S	--	1752, 1763
<i>Peziza sp.</i>		cup	litter/ground	S	--	1744, 1780
<i>Phellinus sp.</i>		bracket	dead wood	S	--	1741

Perth Urban Bushland Fungi Project, ECU Joondalup 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>Physarum viride</i>	<b>Slime Mould</b>	slime mould	dead wood	S	--	1774, 1775
<i>Pisolithus microcarpus</i>	<b>Dog Poo Fungus</b>	puffball	litter/ground	M	--	1750
<i>Pisolithus sp.</i>	<b>Dog Poo Fungus</b>	puffball	litter/ground	M	L-3	1783
<i>Poronia erici</i>	<b>Dung Buttons</b>	button	dung	S	D-2	1761
<i>Psathyrella sp.</i>		mushroom	litter/ground	S	--	1726
<i>Pulvinula sp.</i>		cup	litter/ground	S	--	1745
<i>Pycnoporus coccineus</i>	<b>Scarlet Bracket Fungus</b>	bracket	dead wood	S	N-8	1781
<i>Ramaria sp.</i>	<b>Coral Fungus</b>	coral	litter/ground	M	--	1747, 1785
<i>Rhizopogon sp.</i>		truffle	underground	M	--	1731
<i>Rhodocollybia sp.</i>		mushroom	litter/ground	S	--	1749, 1765
<i>Schizophyllum commune</i>	<b>Split Gill Fungus</b>	shell	dead wood	S	R-2	1722, 1738
<i>Stereum sp.</i>		bracket	dead wood	S	--	1725
<i>Tremella mesenterica group</i>	<b>Yellow Brain Fungus</b>	jelly fungus	dead wood	S	Q-2	1730
<i>Trichia decipiens</i>	<b>Slime Mould</b>	slime mould	dead wood	S	Z-3	1767
<b>Unknown Agaric</b>		mushroom	litter/ground	S	--	1739, 1740, 1743
<b>Unknown Ascomycete</b>		cup	litter/ground	S	--	1766, 1768
<b>Unknown Resupinate</b>		resupinate	dead wood	S	--	1723, 1754, 1757, 1769, 1771, 1772, 1773, 1776, 1778
<b>Unknown</b>		--	--	--	--	1753, 1756, 1762, 1770, 1779, 1787

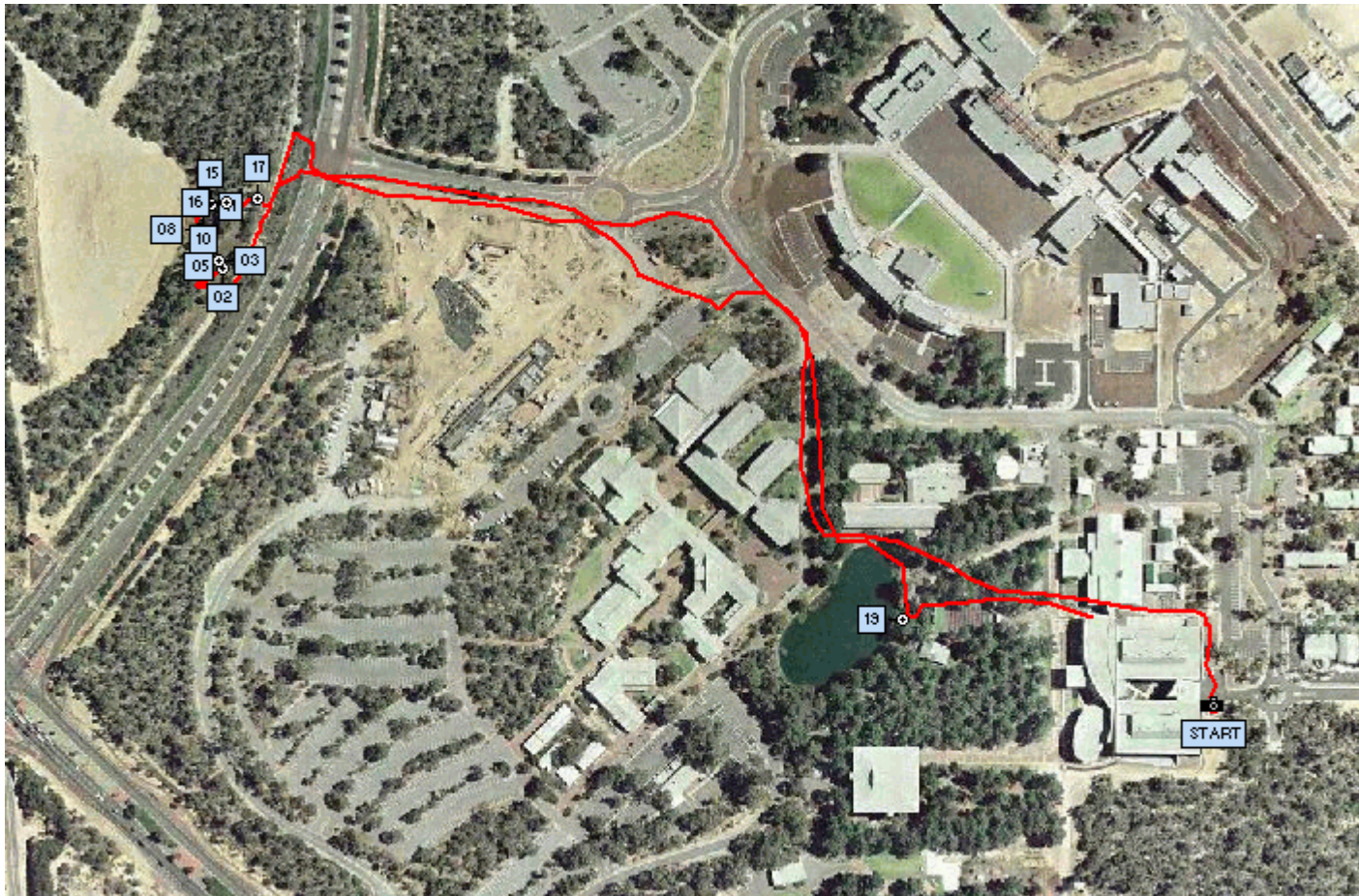
**Permanent Voucher Collections**

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

*Coltriciella dependens* Voucher ID: E8305 Specimen ID: 1784

## Georeferenced Track and Photos

Roz Hart's Group at ECU Joondalup Campus, 2 August 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><b>02</b> <i>Schizophyllum commune</i> <b>Fungus</b></p>	<p><b>Split Gill</b></p>
	<p>Photographer Roz Hart</p>	<p><u>Specimen ID:1722</u></p>
	<p>On dead wood Latitude: -31° 45' 0.43" Longitude: 115° 46' 8.65" Easting:383413 Northing: 6486602 Zone: 50 Date: 02 Aug 2005 10:16:am Opt Image ECU53_114RH02</p>	
	<p><b>03</b> <b>Unknown Resupinate</b></p>	<p><b>Skin Fungus</b></p>
	<p>Photographer Roz Hart</p>	<p><u>Specimen ID:1723</u></p>
	<p>On dead <i>Acacia</i> wood Latitude: -31° 45' 0.29" Longitude: 115° 46' 8.58" Easting:383411 Northing: 6486606 Zone: 50 Date: 02 Aug 2005 Opt Image ECU53_114RH03</p>	



**05 *Gymnopilus allantopus* Golden Wood Fungus**

Photographer Roz Hart

Specimen ID:1724

On dead *Banksia* wood

Latitude: -31° 44' 59.82" Longitude: 115° 46' 8.15"

Easting:383400 Northing: 6486620 Zone: 50

Date: 02 Aug 2005 Opt Image ECU53\_114RH05



**08 *Stereum* sp.**

Photographer Roz Hart

Specimen ID:1725

On dead *Banksia* wood

Latitude: -31° 44' 59.65" Longitude: 115° 46' 8.15"

Easting:383400 Northing: 6486625 Zone: 50

Date: 02 Aug 2005 Opt Image ECU53\_114RH08



**10 *Crepidotus nephrodes* Eucalypt Crepidotus**

Photographer Roz Hart

Specimen ID:1727

On dead *Banksia* bark

Latitude: -31° 44' 59.28" Longitude: 115° 46' 8.24"

Easting:383402 Northing: 6486637 Zone: 50

Date: 02 Aug 2005 Opt Image ECU53\_114RH10



**11 *Psathyrella* sp.**

Photographer Roz Hart

Specimen ID:1726

On *Banksia* wood

Latitude: -31° 44' 59.21" Longitude: 115° 46' 8.22"

Easting:383402 Northing: 6486639 Zone: 50

Date: 02 Aug 2005 Opt Image ECU53\_114RH11



**15 *Dictydiathelium plumbeum*  
Strawberry Slime Mould**

Photographer Roz Hart

Specimen ID:1728

On dead *Banksia* wood

Latitude: -31° 44' 59.17" Longitude: 115° 46' 8.40"

Easting:383406 Northing: 6486640 Zone: 50

Date: 02 Aug 2005 Opt Image ECU53\_114RH15



**16 *Laccaria lateritia* Brick Red Laccaria**

Photographer Roz Hart

Specimen ID:1729

On sand

Latitude: -31° 44' 59.14" Longitude: 115° 46' 8.76"

Easting:383416 Northing: 6486641 Zone: 50

Date: 02 Aug 2005 Opt Image ECU53\_114RH16



**17 *Tremella mesenterica* group  
Yellow Brain Fungus**

Photographer Roz Hart

Specimen ID:1730

On dead *Acacia* wood

Latitude: -31° 44' 59.06" Longitude: 115° 46' 9.50"

Easting:383435 Northing: 6486644 Zone: 50

Date: 02 Aug 2005 Opt Image ECU53\_114RH17



**19 *Rhizopogon* sp.**

**Truffle**

Photographer Roz Hart

Specimen ID:1731

In sand

Latitude: -31° 45' 7.66" Longitude: 115° 46' 24.60"

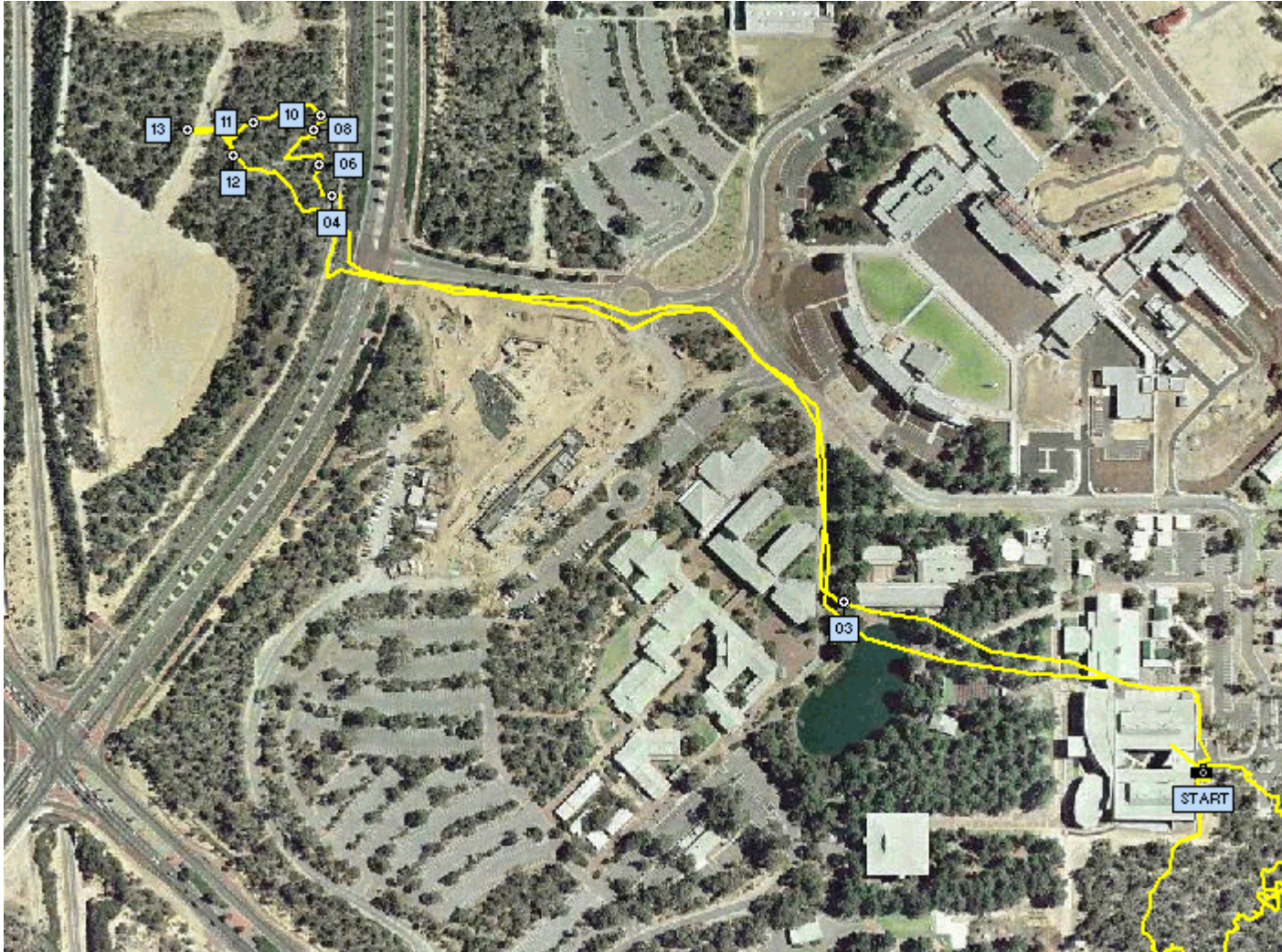
Easting:383835 Northing: 6486384 Zone: 50

Date: 02 Aug 2005 11:01am Opt Image

ECU53\_114RH19

## Georeferenced Track and Photos

Kristina Lemson's group, ECU Joondalup campus, 2 August 2005



### **04 *Phellinus* sp.**

Photographer Kristina Lemson

Specimen ID: 1741







On dead Jarrah tree

Latitude: -31° 44' 56.90" Longitude: 115° 46' 10.24"

Easting: 383454 Northing: 6486711 Zone: 50

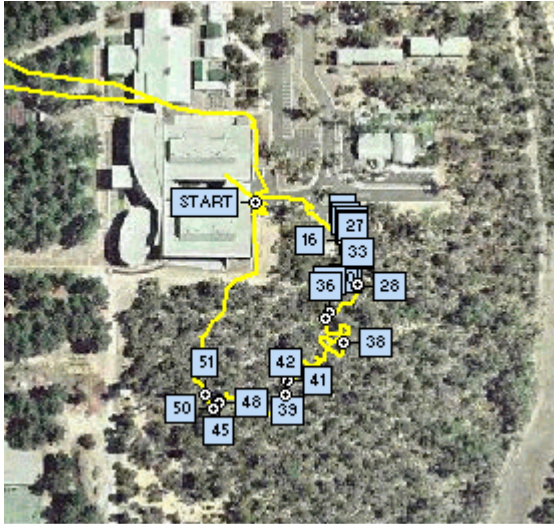
Date: 02 Aug 2005 opt Image ECU53\_116KL04



	<p><b>06 <i>Laccaria</i> sp.</b>  Photographer Kristina Lemson <span style="float: right;"><u>Specimen ID:</u> 1742</span></p> <p>In sand  Latitude: -31° 44' 56.26" Longitude: 115° 46' 9.91"  Easting:383445 Northing: 6486730 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_116KL06</p>
	<p><b>08 Unknown Agaric</b>  Photographer Kristina Lemson <span style="float: right;"><u>Specimen ID:</u> 1743</span></p> <p>In sand  Latitude: -31° 44' 55.50" Longitude: 115° 46' 9.80"  Easting:383442 Northing: 6486754 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_116KL08</p>
	<p><b>10 <i>Peziza</i> sp.</b>  Photographer Kristina Lemson <span style="float: right;"><u>Specimen ID:</u> 1744</span></p> <p>In sand  Latitude: -31° 44' 55.19" Longitude: 115° 46' 9.99"  Easting:383447 Northing: 6486763 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_116KL10</p>
	<p><b>11 <i>Pulvinula</i> sp.</b>  Photographer Kristina Lemson <span style="float: right;"><u>Specimen ID:</u> 1745</span></p> <p>In leaf litter in burnt humus  Latitude: -31° 44' 55.36" Longitude: 115° 46' 8.29"  Easting:383402 Northing: 6486758 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_116KL11</p>
	<p><b>12 <i>Dictydiathelium plumbeum</i>  Strawberry Slime Mould</b>  Photographer Kristina Lemson <span style="float: right;"><u>Specimen ID:</u> 1746</span></p> <p>Latitude: -31° 44' 56.03" Longitude: 115° 46' 7.75"  Easting:383388 Northing: 6486737 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_116KL12</p>
	<p><b>13 <i>Ramaria</i> sp.</b> <span style="float: right;"><b>Coral Fungus</b></span>  Photographer Kristina Lemson <span style="float: right;"><u>Specimen ID:</u> 1747</span></p> <p>Latitude: -31° 44' 55.50" Longitude: 115° 46' 6.63"  Easting:383358 Northing: 6486753 Zone: 50  Date: 02 Aug 2005 10:38:am opt Image ECU53_116KL13</p>

## Georeferenced Track and Photos

Sandra Thomas' group, ECU Joondalup campus, 2 August 2005



**16** *Rhodocollybia* sp.

Photographer Sandra Thomas

Specimen ID: 1765

In woodchips and leaf litter

Latitude: -31° 45' 10.12" Longitude: 115° 46' 33.66"

Easting:384075 Northing: 6486311 Zone: 50

Date: 02 Aug 2005 1:44pm opt Image ECU53\_118ST16



**17** Unknown Ascomycete

Photographer Sandra Thomas

Specimen ID: 1766

On dead wood

Latitude: -31° 45' 10.12" Longitude: 115° 46' 33.69"

Easting:384075 Northing: 6486311 Zone: 50

Date: 02 Aug 2005 opt Image ECU53\_118ST17



**18** Slime Mould

Photographer Sandra Thomas







Specimen ID: 1767







On dead wood







Latitude: -31° 45' 10.26" Longitude: 115° 46' 33.71"

Easting:384076 Northing: 6486306 Zone: 50

Date: 02 Aug 2005 opt Image ECU53\_118ST18

	<p><b>19 Unknown Ascomycete</b>            Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1768</span></p> <p>On wood            Latitude: -31° 45' 10.26" Longitude: 115° 46' 33.71"            Easting:384076 Northing: 6486306 Zone: 50            Date: 02 Aug 2005 opt Image ECU53_118ST19</p>
	<p><b>20 Unknown Resupinate</b> <span style="float: right;"><b>Skin Fungus</b></span>            Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1769</span></p> <p>On branch            Latitude: -31° 45' 10.26" Longitude: 115° 46' 33.73"            Easting:384077 Northing: 6486306 Zone: 50            Date: 02 Aug 2005 opt Image ECU53_118ST20</p>
	<p><b>21 Truffle</b> <span style="float: right;"><b>Gummy Globbs</b></span>            Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1770</span></p> <p>Under low shrubs            Latitude: -31° 45' 10.33" Longitude: 115° 46' 33.71"            Easting:384076 Northing: 6486304 Zone: 50            Date: 02 Aug 2005 opt Image ECU53_118ST21</p>
	<p><b>23 Unknown resupinate</b> <span style="float: right;"><b>Skin Fungus</b></span>            Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1771</span></p> <p>On <i>Banksia</i> nut            Latitude: -31° 45' 10.33" Longitude: 115° 46' 33.85"            Easting:384080 Northing: 6486304 Zone: 50            Date: 02 Aug 2005 opt Image ECU53_118ST23</p>
	<p><b>25 Unknown resupinate</b> <span style="float: right;"><b>Skin Fungus</b></span>            Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1772</span></p> <p>On large dead log            Latitude: -31° 45' 10.40" Longitude: 115° 46' 33.88"            Easting:384081 Northing: 6486302 Zone: 50            Date: 02 Aug 2005 opt Image ECU53_118ST25</p>
	<p><b>28 <i>Physarium viride</i></b> <span style="float: right;"><b>Slime Mould</b></span>            Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1774</span></p> <p>On dead wood            Latitude: -31° 45' 11.02" Longitude: 115° 46' 34.00"            Easting:384084 Northing: 6486283 Zone: 50            Date: 02 Aug 2005 opt Image ECU53_118ST28</p>

	<p><b>30</b> <i>Calocera guepinioides</i> <b>Scotsmans Beard</b>  Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1775</span>  On dead wood with Slime Mould as above  Latitude: -31° 45' 11.02" Longitude: 115° 46' 34.00"  Easting:384084 Northing: 6486283 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_118ST30</p>
	<p><b>32</b> <i>Resupinatus sp.</i> <b>Small Shell Fungus</b>  Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1776</span>  On dead wood  Latitude: -31° 45' 10.99" Longitude: 115° 46' 34.00"  Easting:384084 Northing: 6486284 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_118ST32</p>
	<p><b>33</b> <i>Exidia sp.</i>  Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1777</span>  On dead wood  Latitude: -31° 45' 10.98" Longitude: 115° 46' 34.00"  Easting:384084 Northing: 6486284 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_118ST33</p>
	<p><b>34</b> <b>Unknown Resupinate</b> <b>Skin Fungus</b>  Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1778</span>  On dead wood  Latitude: -31° 45' 11.52" Longitude: 115° 46' 33.34"  Easting:384067 Northing: 6486268 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_118ST34</p>
	<p><b>36</b> <b>Unknown Bracket Fungus</b>  Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1779</span>  On <i>Banksia</i> cone  Latitude: -31° 45' 11.63" Longitude: 115° 46' 33.24"  Easting:384064 Northing: 6486264 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_118ST36</p>
	<p><b>38</b> <i>Peziza sp.</i> <b>Cup Fungus</b>  Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1780</span>  In sand  Latitude: -31° 45' 12.10" Longitude: 115° 46' 33.64"  Easting:384075 Northing: 6486250 Zone: 50  Date: 02 Aug 2005 opt Image ECU53_118ST38</p>

	<p><b>39 Pycnoporus coccineus</b> <b>Scarlet Bracket Fungus</b></p> <p>Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1781</span></p> <p>On dead <i>Eucalypt</i> wood                      Latitude: -31° 45' 12.82" Longitude: 115° 46' 32.38"                      Easting:384042 Northing: 6486227 Zone: 50                      Date: 02 Aug 2005 opt Image ECU53_118ST38</p>
	<p><b>41 Galerina sp.</b></p> <p>Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1782</span></p> <p>In soil                      Latitude: -31° 45' 12.82" Longitude: 115° 46' 32.38"                      Easting:384042 Northing: 6486227 Zone: 50                      Date: 02 Aug 2005 opt Image ECU53_118ST41</p>
	<p><b>42 Pisolithus sp</b> <span style="float: right;"><b>Dog Poo Fungus</b></span></p> <p>Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1783</span></p> <p>In sand                      Latitude: -31° 45' 13.10" Longitude: 115° 46' 32.30"                      Easting:384040 Northing: 6486218 Zone: 50                      Date: 02 Aug 2005 opt Image ECU53_118ST42</p>
	<p><b>45 Coltriciella dependens</b></p> <p>Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1784</span></p> <p>Under log                      Latitude: -31° 45' 13.18" Longitude: 115° 46' 30.83"                      Easting:384001 Northing: 6486216 Zone: 50                      Date: 02 Aug 2005 opt Image ECU53_118ST45</p> <p><b>Vouchered into WA Herbarium . Voucher No E8305</b></p>
	<p><b>48 Ramaria sp.</b> <span style="float: right;"><b>Coral Fungus</b></span></p> <p>Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1785</span></p> <p>Latitude: -31° 45' 13.25" Longitude: 115° 46' 30.83"                      Easting:384001 Northing: 6486213 Zone: 50                      Date: 02 Aug 2005 opt Image ECU53_118ST48</p>
	<p><b>50 Cortinarius sp.</b></p> <p>Photographer Sandra Thomas <span style="float: right;"><u>Specimen ID:</u> 1786</span></p> <p>Latitude: -31° 45' 13.33" Longitude: 115° 46' 30.66"                      Easting:383997 Northing: 6486211 Zone: 50                      Date: 02 Aug 2005 opt Image ECU53_118ST50</p>