Perth
Urban
Bushland
Fungi

Bushland Fungi of FR Berry Reserve, Gidgegannup

Written and produced by
Neale L. Bougher, Roz Hart,
Aruni Jayasekera & Brett Glossop
Department of Environment and Conservation – Perth Urban Bushland Fungi Project

Gathering in the chilly morning

Setting off to find fungi

Group finding fungi

Learning about the fungi collected

PUBF Website : www.fungiperth.org.au

Western Australian Naturalists Club

lotterywest supported

Department of Environment and Conservation

Urban Bushland Council WA Inc

Perth Urban Bushland Fungi

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Department of Environment and Conservation (DEC) – *Perth Urban Bushland Fungi Project*

Advice about the identity of the fungi was provided by Dr Neale Bougher, Mycologist. Organisational and technical support was provided by officers on the PUBF project – Roz Hart, Aruni Jayasekera and Brett Glossop.

Photos and field assistance by PUBF participants

PUBF Website : www.fungiperth.org.au

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This report presents data resulting from a Perth Urban Bushland Fungi (PUBF) Project event held on 7 June 2009 at FR Berry Reserve - an urban bushland near Gidgegannup in the Perth hills region of southwest Western Australia. The event was organised and conducted together with the Western Australian Naturalists' Club Young Nats group. Fifty three people attended the event. These participants were divided into five foray groups, led by Fungi Leaders Jolanda Keeble and Tanja Lambe; Margaret Langley and Louise Little; Kevn Griffiths and Laurton McGurk; Kirsten Tullis and Derek Mead Hunter; and Phylis Robertson, all volunteer Leaders from the Perth Urban Bushland Fungi Project. With assistance from the Fungi Leaders, the fungi collected were sorted and some were processed later that afternoon for permanent lodgement at the Western Australian Herbarium. Mycologist Neale Bougher identified the fungi and talked about their features and their roles in helping to keep bushlands healthy.

FR Berry Reserve

FR Berry Reserve is situated east of Perth in the Gidgegannup area, east of Walyunga National Park. It comprises an area of 214 hectares and represents the largest of the City of Swan's nature reserves. The reserve occurs on the northern Darling Plateau with large areas of gravelly duplex soils and lateritic outcrops (Perth Region Plant Biodiversity Project Jarrah Forest Reference Sites, from WALGA website, www.walga.asn.au/about/policy/pbp/prpbp/prpbp_jf_ref_sites/prpbp_nmjf_ref_sites/). The vegetation is predominantly eucalypt-dominated open forest or woodland – *Eucalyptus wandoo*, *Corymbia calophylla* and *E. marginata* in upland areas and *E. patens* and *E. rudis* on the valley floors

FR Berry Reserve Fungi

During the survey at FR Berry Reserve in June 2009, a total of 51 records, including 34 different fungi species were recorded, of which 16 collections were vouchered into the DEC Western Australian Herbarium (Tables 1, 2). The majority of fungi observed during the survey at FR Berry Reserve were decomposer fungi - such as the soft shell-shaped fungus *Crepidotus mollis*. Only one beneficial mycorrhizal fungus species was recorded, *Tomentella* cf. *pilosa*. This is not a conspicuous fungus as it is a fully resupinate fungus appearing as a mould-like growth on old dead logs or fallen wood. It usually only occurs on the underside of logs and often favours burnt wood. No mycorrhizal truffle fungi were observed during the survey. The lack of truffles is not surprising due to the dry conditions and because the survey focussed on finding above-ground fungi fruiting bodies. It is likely that at least some species of native truffles do occur in the bushland at FR Berry Reserve. Only one pathogenic fungus was observed during this survey - the *Acacia* gall rust *Uromycladium tepperianum*. This is a microfungus but induces easily visible symptoms such as curled leaves, large galls, and eventually it may kill the tree.

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 and perhaps some are undescribed species. Far more fungi are likely to occur at FR Berry Reserve than the 34 species recorded in this inaugural survey. Fewer fungi than may have been expected were found in the 2009 survey due to very dry weather conditions in the weeks preceding the survey. Because of the unpredictable nature of fungi fruiting, surveys need to be conducted over many years in order to capture the biodiversity of fungi present in any given area. Most of the fungi observed during this survey have tough, persistent fruit bodies, e.g. bracket fungi with a hard consistency such as *Perenniporia ochroleuca*. Only a few types of fleshy mushroom-like fungi were observed, e.g. *Psathyrella* sp. This indicates how dry conditions were at the time of survey. Fleshy fungi respond to rainfall and rapidly emerge. Their fruit bodies usually do not persist for long after rainfall. The main types of fleshy fungi observed during this survey were those that emerge from logs or substantial dead woody material. These include the jelly fungi such as the Scotsman's Beard - *Calocera guepinioides* and an unidentified species of *Exidia*. Also included in this category is *Xerula eradicata*. This fungus has a long tapering underground "tap root". The "tap roots" of *Xerula* species are thought to be attached to large woody roots or buried wood deep under the ground. Presumably the logs or wood may have been able to retain some moisture within them during the dry conditions and this enabled the wood-inhabiting fungi to remain sufficiently active to enable fruiting to occur.

One particularly rare and unusual fungus observed during the survey is the ascomycete *Glonium* sp. which was found on fallen eucalypt wood. This strange fungus had been recorded only four times before - from locations in jarrah forest near Dwellingup and Boddington. *Glonium* sp. is quite easily overlooked as from a distance it has the appearance of burnt patches on logs. However closer up the dense coralloid clusters of tubular, black fruit bodies can be seen firmly adhering to the wood. The branching within the clusters is predominantly bifurcate. Narrow black rhizomorphs (thick mycelial cords) may also be present (seen under lens). The *Glonium* fruit bodies are quite hard and may persist for many months or perhaps years. Other resupinate fungi, such as species of *Tubulicrinis* (an unidentified example of this genus was found in this survey), tend to colonise the same patches of wood as *Glonium* sp. and may eventually grow in between and over the *Glonium* fruit bodies.

The unusual growth form of the rarely seen fungus *Glonium* sp.

Understanding and conserving fungi biodiversity at FR Berry Reserve

FR Berry Reserve has at least several major vegetation types that undoubtedly influence the presence, abundance and spatial distribution of fungi species at this reserve. The condition of the reserve is considered to be generally very good to excellent, as indicated by factors such as fire history and weed intrusion (Perth Region Plant Biodiversity Project Jarrah Forest Reference Sites, from WALGA website, www.walga.asn.au/about/policy/pbp/prpbp/prpbp_jf_ref_sites/prpbp_nmjf_ref_sites/).
Management and general interest in biodiversity of this reserve (as with other parts of the Perth region), in the past has primarily focussed on flora and fauna conservation. However, Flora, Fauna and Fungi really need to be considered together for future management. Fungi have crucial ecological roles for maintaining bushland health, including linkages between the 3 F's. This includes beneficial mycorrhizal relationships with native plants such as eucalypts, wattles and orchids and by providing food to native animals such as bandicoots, woylies and insects.

Vegetation-fungi patterns could be clarified if surveys of fungi were carried out annually over many years. Such inventory data may be used to compare fungi communities at the reserve with those at other bushlands, and as a baseline for monitoring changes in biodiversity at the bushland - e.g. any trends indicating changes in the diversity of significant ecological groups of fungi such as mycorrhizal species, and the effects of major disturbances such as fire or disease incursions. An increased level of knowledge about the fungi at FR Berry Reserve is required as a basis for documenting and understanding the fungi, and in turn for helping to manage and conserve the bushland's flora and fauna. FR Berry Reserve is of local significance as a recreational reserve and has signage and facilities to enhance public engagement and education values of the reserve (Perth Region Plant Biodiversity Project Jarrah Forest Reference Sites, from WALGA website:
www.walga.asn.au/about/policy/pbp/prpbp/prpbp_jf_ref_sites/prpbp_nmjf_ref_sites/jf_ref_site_jf4/
Flora, Fauna and Fungi could be included in signage and interpretative material at the reserve. This would help to promote public awareness and appreciation of the linkages between the 3Fs that influence the long-term health of the reserve's bushland.

References

Bougher, N.L. (2009). Fungi of the Perth Region and Beyond. Western Australian Naturalists' Club (Inc.), Perth, Western Australia.

Perth Region Plant Biodiversity Project Jarrah Forest Reference Sites, from WALGA website: www.walga.asn.au/about/policy/pbp/prpbp/prpbp_jf_ref_sites/prpbp_nmjf_ref_sites/
www.walga.asn.au/about/policy/pbp/prpbp/prpbp_jf_ref_sites/prpbp_nmjf_ref_sites/jf_ref_site_jf4/

Table 1: FR Berry Reserve Fungi List: 7 June 2009

Life Mode Key: M = Mycorrhizal, S = Saprotrophic (Decomposer), S/P = Saprotrophic and Parasitic. Life Mode allocation is based on probability only, as many fungi have not been tested.

F map = Fungimap Target: refers to species that have been selected by the Australia-wide mapping project, Fungimap, for collecting detailed records to be compiled into distribution maps. See Fungimap on-line at www.rbg.vic.gov.au/fungimap, and the book *Fungi Down Under* by Grey, P. and Grey, E (2005).

Page Num refers to the page number in the south-west WA fungi book (Bougher 2009), which is available as a bound book, DVD, or for downloading from the PUBF website at www.fungiperth.org.au

Scientific Name	Common Name	Form	Habitat	Life Mode	F map	Page Num	Specimen ID
Calocera guepinioides	**Scotsman's Beard**	jelly fungus	dead wood	S		Q-1	3976, 4000
Ceratiomyxa fruticulosa	**Icicle Fairy Fans**	slime mould	dead wood	S	Yes	Z-2	3983
Coltriciella dependens		mushroom	litter/ground	S		N-10	3974, 4009
Crepidotus mollis		shell	dead wood	S			3970
***Crepidotus* sp.**		shell	dead wood	S			3973, 3985
***Exidia* sp.**		jelly fungus	dead wood	S			3969
Fomitiporia robusta	**Wood Layered Bracket Fungus**	bracket	dead wood	S		N-6	3992
Fomitopsis lilacinogilva	**Lilac Bracket Fungus**	bracket	dead wood	S		N-2	3964, 4015 4022
***Glonium* sp.**		resupinate	dead wood	S			4003
Hjortstamia crassa	**Violet Skin Fungus**	resupinate	dead wood	S		O-10	3989
***Hymenochaete* sp.**		resupinate	dead wood	S			3977, 3987 4020
Hyphodontia arguta		resupinate	dead wood	S		O-7	4010
***Lycoperdon* sp.**		puffball	litter/ground	S			3966
Panus fasciatus	**Hairy Panus**	mushroom	dead wood	S	Yes	J-24	3965, 3986
Perenniporia ochroleuca		bracket	dead wood	S			3961
***Phlebia* sp.**		resupinate	dead wood	S			3975, 3991
***Poria* sp.**		resupinate	dead wood	S			3967, 4012
***Psathyrella* sp.**		mushroom	litter/ground	S			4013
Pycnoporus coccineus	**Scarlet Bracket Fungus**	bracket	dead wood	S		N-8	3982, 4002 4014, 4016
Resupinatus cinerascens		shell	dead wood	S			3993
Schizophyllum commune	**Split Gill Fungus**	shell	dead wood	S	Yes	R-2	3972, 3996 3998
***Schizopora* sp.**		resupinate	dead wood	S			3978
***Simocybe* sp.**		mushroom	dead wood	S			3971
Stereum illudens	**Purplish Stereum**	bracket	dead wood	S		O-6	3997
Tomentella* cf. *pilosa		resupinate	dead wood	M			3963
Trametes versicolor		bracket	dead wood	S		N-14	4017
***Trichoderma* sp.**		mould	dead wood	S			3988, 4007

							4008
***Tubulicrinis* sp.**		resupinate	dead wood	S			3968, 3981
Undetermined Ascomycete		cup	litter/ground	S			4006
Undetermined Jelly Fungus		jelly	dead wood	S			3979, 3999
Undetermined Myxomycete	**Slime Mould**	slime mould	dead wood	S			3990
Undetermined Resupinate		resupinate	dead wood	S			3962, 3980 3994, 3995 4001, 4004 4005, 4011 4018, 4021 4023
Uromycladium tepperianum	**Acacia Gall Rust Fungus**	other	dead/living trees & roots	P			4019
Xerula eradicata		mushroom	litter/ground	S			3984

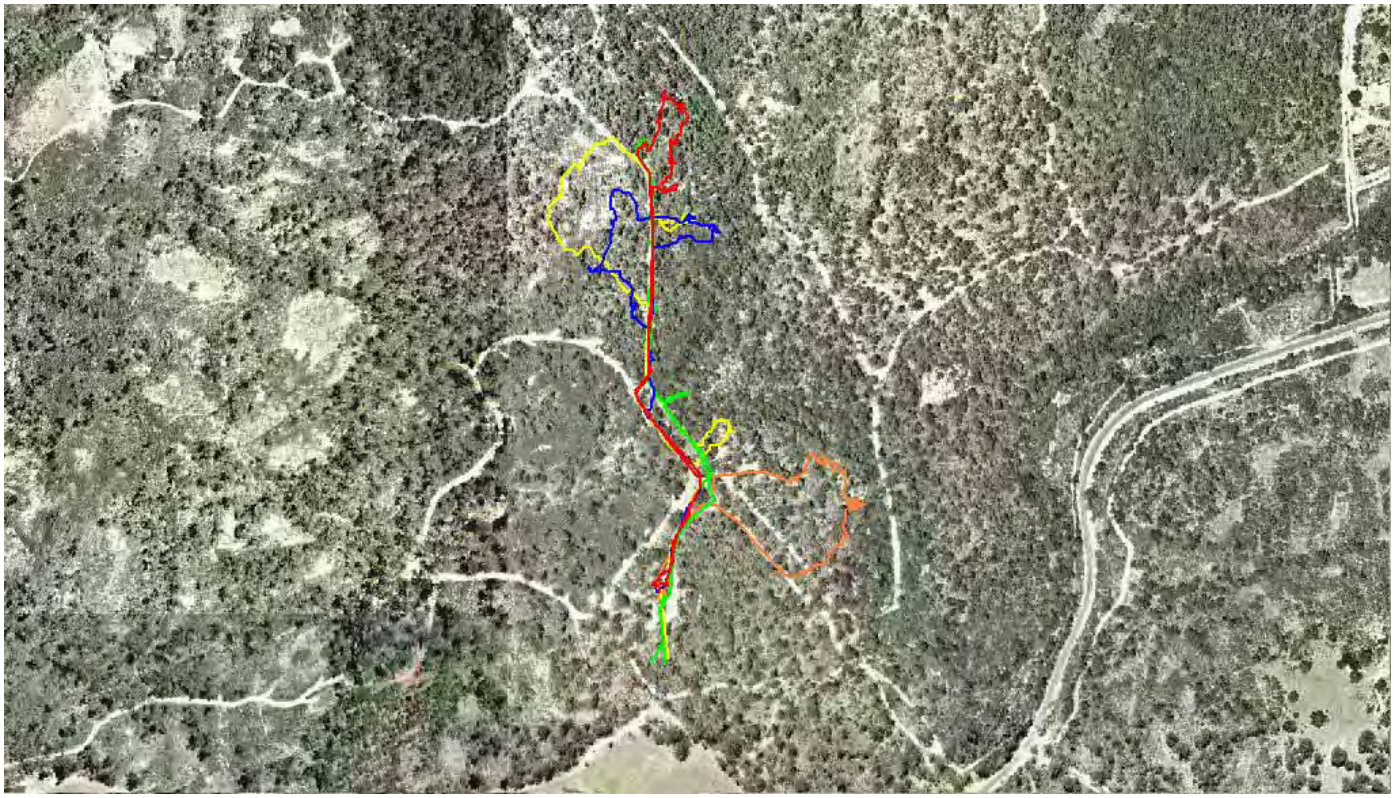
Table 2 : Permanent Vouchered Specimens from FR Berry Reserve, 7 June 2009

Sixteen of the fungi collected during this event were deposited into the Western Australian Herbarium with the following details:

Coltriciella dependens	**Voucher ID** E9260	**Specimen ID** 4009
Crepidotus mollis	**Voucher ID** E9265	**Specimen ID** 3970
Exidia sp.	**Voucher ID** E9269	**Specimen ID** 3969
Fomitopsis lilacinogilva	**Voucher ID** E9268	**Specimen ID** 3964
Glonium sp.	**Voucher ID** E9262	**Specimen ID** 4003
Hjortstamia crassa	**Voucher ID** E9258	**Specimen ID** 3989
Hyphodontia arguta	**Voucher ID** E9263	**Specimen ID** 4010
Panus fasciatus	**Voucher ID** E9267	**Specimen ID** 3965
Perenniporia ochroleuca	**Voucher ID** E9264	**Specimen ID** 3961
Phlebia sp.	**Voucher ID** E9255	**Specimen ID** 3975
Pycnoporus coccineus	**Voucher ID** E9256	**Specimen ID** 3982
Resupinatus cinerascens	**Voucher ID** E9259	**Specimen ID** 3993
Schizophyllum commune	**Voucher ID** E9270	**Specimen ID** 3972
Tomentella cf. pilosa	**Voucher ID** E9261	**Specimen ID** 3963
Tubulicrinis sp.	**Voucher ID** E9266	**Specimen ID** 3968
Xerula eradicata	**Voucher ID** E9257	**Specimen ID** 3984

A busy afternoon for Fungi leaders, vouchering some of the day's find on Kevn and Peg's back patio after the FR Berry Reserve Fungi survey

Google Map showing the location of Berry Reserve, Gidgegannup.



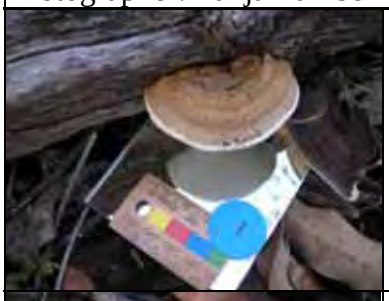
Aerial photo showing the colour coded tracks walked by the five groups in FR Berry Reserve on 7 June 2009.

Georeferenced Tracks and Photos

Jolanda Keeble and Tanja Lambe's group, 7 June 2009

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.

Event: Berry Reserve Date: 7/06/2009
Group Number: 254 Leaders Jolanda Keeble and Tanja Lambe
Photographer: Tanja Lambe



09 *Perenniporia ochroleuca*

Specimen ID: 3961

On dead marri wood in marri woodland
Latitude: 31° 43' 57.5"South Longitude: 116° 9' 31.5"East
7/06/2009 Image: BE87_254TL09
Vouchered WA Herbarium: E9264

20 Undetermined Resupinate

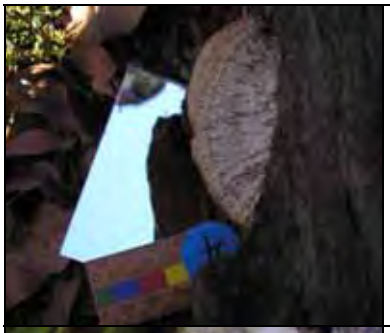
Specimen ID: 3962

On dead marri wood in marri woodland
Latitude: 31° 43' 57.5"South Longitude: 116° 9' 31.5"East
7/06/2009 Image: BE87_254TL20

22 *Tomentella* cf. *pilosa*

Specimen ID: 3963

On dead marri wood in marri woodland
Latitude: 31° 43' 56.15"South Longitude: 116° 9' 31.7"East
7/06/2009 Image: BE87_254TL22
Vouchered WA Herbarium: E9261



23 ***Fomitopsis lilacinogilva*** **Lilac Bracket Fungus**
Specimen ID: 3964
On dead marri wood in marri woodland
Latitude: 31° 43' 56.1"South Longitude: 116° 9' 30"East
7/06/2009 Image: BE87_254TL23
Vouchered WA Herbarium: E9268

25 ***Panus fasciatus*** **Hairy Panus**
Specimen ID: 3965
On dead marri wood in marri woodland
Latitude: 31° 43' 54.8"South Longitude: 116° 9' 31.7"East
7/06/2009 **Fungimap Target** Image: BE87_254TL25
Vouchered WA Herbarium: E9267

27 ***Lycoperdon*** **sp.**
Specimen ID: 3966
In marri/paperbark woodland
Latitude: 31° 43' 54.8"South Longitude: 116° 9' 33.7"East
7/06/2009 Image: BE87_254TL27

33 ***Poria*** **sp.**
Specimen ID: 3967
On dead wood in marri/paperbark woodland
Latitude: 31° 43' 54.6"South Longitude: 116° 9' 33.4"East
7/06/2009 Image: BE87_254TL33

34 ***Tubulicrinis*** **sp.**
Specimen ID: 3968
On dead wood in marri/acacia woodland
Latitude: 31° 43' 54.6"South Longitude: 116° 9' 33.4"East
7/06/2009 Image: BE87_254TL34
Vouchered WA Herbarium: E9266

36 ***Exidia*** **sp.**
Specimen ID: 3969
On dead wood in marri/acacia woodland
Latitude: 31° 43' 54.9"South Longitude: 116° 9' 34"East
7/06/2009 Image: BE87_254TL36
Vouchered WA Herbarium: E9269

39 ***Crepidotus mollis***

Specimen ID: 3970

On dead marri wood in marri/acacia woodland
Latitude: 31° 43' 54.9"South Longitude: 116° 9' 34.1"East
7/06/2009 Image: BE87_254TL39
Vouchered WA Herbarium: E9265

42 ***Simocybe*** **sp.**

Specimen ID: 3971

On dead marri wood in marri/acacia woodland
Latitude: 31° 43' 55.1"South Longitude: 116° 9' 34.1"East
7/06/2009 Image: BE87_254TL42

46 ***Schizophyllum commune*** **Split Gill Fungus**

Specimen ID: 3972

On dead acacia wood in marri/acacia woodland
Latitude: 31° 43' 55.1"South Longitude: 116° 9' 34.2"East
7/06/2009 **Fungimap Target** Image: BE87_254TL46
Vouchered WA Herbarium: E9270

Georeferenced Tracks and Photos

Margaret Langley and Louise Little's group, 7 June 2009

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.

Event: Berry Reserve Date: 7/06/2009
Group Number: 255 Leaders Margaret Langley and Louise Little
Photographer: Louise Little

11 *Crepidotus* sp.

Specimen ID: 3973

On dead wood in marri/jarrah forest
Latitude: 31° 45' 58.5"South Longitude: 116° 9' 32.2"East
7/06/2009 Image: BE87_255LL11

16 *Coltriciella dependens*

Specimen ID: 3974

On dead wood in marri/jarrah forest
Latitude: 31° 45' 57.4"South Longitude: 116° 9' 32.3"East
7/06/2009 Image: BE87_255LL16

19 *Phlebia* sp.

Specimen ID: 3975

On dead wood in marri/jarrah forest
Latitude: 31° 43' 56.8"South Longitude: 116° 9' 32.2"East
7/06/2009 Image: BE87_255LL19
Vouchered WA Herbarium: E9255

21 ***Calocera guepinioides*** **Scotsman's Beard**
Specimen ID: 3976
On dead wood in marri/jarrah forest
Latitude: 31° 43' 55.4"South Longitude: 116° 9' 32.3"East
7/06/2009 Image: BE87_255LL21

24 ***Hymenochaete*** **sp.**
Specimen ID: 3977
On dead wood in marri/jarrah forest
Latitude: 31° 43' 55.4"South Longitude: 116° 9' 32.3"East
7/06/2009 Image: BE87_255LL24

26 ***Schizopora*** **sp.**
Specimen ID: 3978
On dead wood in marri/jarrah forest
Latitude: 31° 43' 55.4"South Longitude: 116° 9' 32"East
7/06/2009 Image: BE87_255LL26

28 Undetermined Jelly Fungus
Specimen ID: 3979
On dead wood in marri/jarrah forest
Latitude: 31° 43' 55.2"South Longitude: 116° 9' 32.3"East
7/06/2009 Image: BE87_255LL28

31 Undetermined Resupinate
Specimen ID: 3980
On dead wood in marri/jarrah forest
Latitude: 31° 43' 55.7"South Longitude: 116° 9' 32"East
7/06/2009 Image: BE87_255LL31

33 ***Tubulicrinis*** **sp.**
Specimen ID: 3981
On dead wood in marri/jarrah forest
Latitude: 31° 43' 54.3"South Longitude: 116° 9' 32.2"East
7/06/2009 Image: BE87_255LL33

Georeferenced Tracks and Photos

Kevn Griffiths and Laurton McGurk's group, 7 June 2009

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.

Event: Berry Reserve Date: 7/06/2009
Group Number: 256 Leaders Kevn Griffiths and Laurton McGurk
Photographer: Laurton McGurk

05 *Pycnoporus coccineus* **Scarlet Bracket Fungus**
Specimen ID: 3982
On dead paperbark in marri/jarrah woodland by the edge of creek
Latitude: 31° 44' 1.8"South Longitude: 116° 9' 37.9"East
7/06/2009 Image: BE87_256KG05
Vouchered WA Herbarium: E9256

09 *Xerula eradicata* **Rooting Shank**
Specimen ID: 3984
In litter in marri/jarrah woodland
Latitude: 31° 44' 2.0"South Longitude: 116° 9' 38.6"East
7/06/2009 Image: BE87_256KG09
Vouchered WA Herbarium: E9257

12 *Crepidotus* sp.

Specimen ID: 3985

On dead wood in marri/jarrah woodland
Latitude: 31° 44' 2"South Longitude: 116° 9' 38.6"East
7/06/2009 Image: BE87_256KG12

13 *Panus fasciatus* **Hairy Panus**

Specimen ID: 3986

On dead wood in marri/jarrah woodland
Latitude: 31° 44' 2.9"South Longitude: 116° 9' 38.7"East
7/06/2009 **Fungimap Target** Image: BE87_256KG13

15 *Hymenochaete* sp.

Specimen ID: 3987

On dead wood in marri woodland
Latitude: 31° 44' 2.9"South Longitude: 116° 9' 38.6"East
7/06/2009 Image: BE87_256KG15

17 *Trichoderma* sp.

Specimen ID: 3988

On dead wood in marri woodland
Latitude: 31° 44' 3"South Longitude: 116° 9' 39.1"East
7/06/2009 Image: BE87_256KG17

19 *Hjortstamia crassa*

Specimen ID: 3989

On dead wood in marri woodland
Latitude: 31° 44' 3"South Longitude: 116° 9' 39.1"East
7/06/2009 Image: BE87_256KG19
Vouchered WA Herbarium: E9258

21 Undetermined Myxomycete **Slime Mould**

Specimen ID: 3990

Growing on dead wood in marri woodland
Latitude: 31° 44' 3"South Longitude: 116° 9' 39.1"East
7/06/2009 Image: BE87_256KG21

24 *Phlebia* sp.

Specimen ID: 3991

Growing on dead wood in marri woodland
Latitude: 31° 44' 3"South Longitude: 116° 9' 39.1"East
7/06/2009 Image: BE87_256KG24

27 *Fomitiporia robusta* **Wood Layered Bracket Fungus**

Specimen ID: 3992

Growing on bark in marri woodland
Latitude: 31° 44' 3.1"South Longitude: 116° 9' 39.2"East
7/06/2009 Image: BE87_256KG27

28 *Resupinatus cinerascens*

Specimen ID: 3993

Growing on dead wood in marri woodland
Latitude: 31° 44' 2.9"South Longitude: 116° 9' 38.9"East
7/06/2009 Image: BE87_256KG28
Vouchered WA Herbarium: E9259

30 Undetermined Resupinate

Specimen ID: 3994

On dead wood in marri woodland
Latitude: 31° 44' 2.9"South Longitude: 116° 9' 38.9"East
7/06/2009 Image: BE87_256KG30

34 Undetermined Resupinate

Specimen ID: 3995

On dead wood in marri woodland
Latitude: 31° 44' 2.9"South Longitude: 116° 9' 38.9"East
7/06/2009 Image: BE87_256KG34

36 *Schizophyllum commune* **Split Gill Fungus**

Specimen ID: 3996

On dead wood in marri woodland
Latitude: 31° 44' 2.9"South Longitude: 116° 9' 38.9"East
7/06/2009 **Fungimap Target** Image: BE87_256KG36

Georeferenced Tracks and Photos

Kirsten Tullis and Derek Mead-Hunter's group, 7 June 2009

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.

Event: Berry Reserve Date: 7/06/2009
Group Number: 257 Leaders Kirsten Tullis and Derek Mead-Hunter
Photographer: Derek Mead-Hunter

05 *Stereum illudens* **Purplish Stereum**
Specimen ID: 3997

On dead wood in marri woodland
Latitude: 31° 43' 53.2"South Longitude: 116° 9' 32.8"East
7/06/2009
Image: BE87_257DMH05

06 Undetermined Jelly Fungus
Specimen ID: 3999

In marri woodland
Latitude: 31° 43' 52.5"South Longitude: 116° 9' 32.8"East
7/06/2009
Image: BE87_257DMH06

	**13 *Pycnoporus coccineus*** **Scarlet Bracket Fungus** Specimen ID: 4002 On dead wood in marri woodland Latitude: 31° 43' 52.5"South Longitude: 116° 9' 32.8"East 7/06/2009 Image: BE87_257DMH13
	**15 *Glonium* sp.** Specimen ID: 4003 On dead wood in marri woodland Latitude: 31° 43' 52.5"South Longitude: 116° 9' 32.8"East 7/06/2009 Image: BE87_257DMH15 **Vouchered WA Herbarium**: **E9262**
	**20 Undetermined Resupinate** Specimen ID: 4005 On dead wood in marri woodland Latitude: 31° 43' 52.5"South Longitude: 116° 9' 32.8"East 7/06/2009 Image: BE87_257DMH20
	**14 Undetermined Ascomycete** Specimen ID: 4006 On dead wood in marri woodland Latitude: 31° 43' 52.5"South Longitude: 116° 9' 32.8"East 7/06/2009 Image: BE87_257DMH14
	**24 *Trichoderma* sp.** Specimen ID: 4007 On dead wood in marri woodland Latitude: 31° 43' 52.3"South Longitude: 116° 9' 33.1"East 7/06/2009 Image: BE87_257DMH24
	**26 *Trichoderma* sp.** Specimen ID: 4008 On dead wood in marri woodland Latitude: 31° 43' 52.3"South Longitude: 116° 9' 33.1"East 7/06/2009 Image: BE87_257DMH26

32 ***Coltriciella dependens***

Specimen ID: 4009

On dead wood in marri woodland
Latitude: 31° 43' 52.5"South Longitude: 116° 9' 32.8"East
7/06/2009
Image: BE87_257DMH32

Vouchered WA Herbarium: **E9260**

33 ***Hyphodontia arguta***

Specimen ID: 4010

On dead wood in marri woodland
Latitude: 31° 43' 52.5"South Longitude: 116° 9' 32.8"East
7/06/2009
Image: BE87_257DMH33

Vouchered WA Herbarium: **E9263**

36 Undetermined Resupinate

Specimen ID: 4011

On dead wood in marri woodland
Latitude: 31° 43' 52.3"South Longitude: 116° 9' 33.1"East
7/06/2009
Image: BE87_257DMH36

40 ***Poria*** **sp.**

Specimen ID: 4012

On dead *Eucalyptus rudis* in marri woodland
Latitude: 31° 43' 51.6"South Longitude: 116° 9' 33.1"East
7/06/2009
Image: BE87_257DMH40

44 ***Psathyrella*** **sp.**

Specimen ID: 4013

In litter in marri woodland
Latitude: 31° 43' 51.2"South Longitude: 116° 9' 32.7"East
7/06/2009
Image: BE87_257DMH44

45 ***Fomitopsis lilacinogilva***

Lilac Bracket Fungus
Specimen ID: 4015

On dead wood in marri woodland
Latitude: 31° 43' 52.6"South Longitude: 116° 9' 32"East
7/06/2009
Image: BE87_257DMH45

Georeferenced Tracks and Photos

Phylis Robertson's group, 7 June 2009

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.

Event: Berry Reserve Date: 7/06/2009
Group Number: 258 Leader Phylis Robertson
Photographer: Phylis Robertson

02 *Pycnoporus coccineus* **Scarlet Bracket Fungus**
Specimen ID: 4016
On dead wood in wandoo woodland beside the creek
Latitude: 31° 44' .6"South Longitude: 116° 9' 34.8"East
7/06/2009 Image: BE87_258PR02

03 *Trametes versicolor*
Specimen ID: 4017
On well rotted dead wood in wandoo woodland beside the creek
Latitude: 31° 44' .6"South Longitude: 116° 9' 34.8"East
7/06/2009 Image: BE87_258PR03

04 Undetermined Resupinate

Specimen ID: 4018
On dead log in wandoo woodland beside the creek
Latitude: 31° 44' .6"South Longitude: 116° 9' 34.8"East
7/06/2009 Image: BE87_258PR04

05 ***Uromycladium tepperianum*** **Acacia Rust Fungus**

Specimen ID: 4019
On a 4 m high dodonaea bush (hop bush) in marri woodland
Latitude: 31° 44' .6"South Longitude: 116° 9' 34.8"East
7/06/2009 Image: BE87_258PR05

07 ***Hymenochaete*** **sp.**

Specimen ID: 4020
On dead wood in wandoo woodland beside the creek
Latitude: 31° 44' .9"South Longitude: 116° 9' 34.9"East
7/06/2009 Image: BE87_258PR07

08 Undetermined Resupinate

Specimen ID: 4021
On decorticated dead wood in wandoo woodland beside the creek
Latitude: 31° 44' .9"South Longitude: 116° 9' 34.9"East
7/06/2009 Image: BE87_258PR08

09 ***Fomitopsis lilacinogilva*** **Lilac Bracket Fungus**

Specimen ID: 4022
On decorticated marri wood in marri woodland beside the creek
Latitude: 31° 44' .8"South Longitude: 116° 9' 32.8"East
7/06/2009 Image: BE87_258PR09