

Fungal Network of New Zealand (FUNNZ)

23rd Annual Foray, Waikanae, May 2009.

Site List for Nga Manu Reserve, 12th May 2009.

Compilation and notes by Jerry Cooper, database manager, FUNNZ.

All records with a Herbarium Accession number are deposited in the PDD national fungal collection:

http://www.landcareresearch.co.nz/databases/db_details.asp?Database_Collection_ID=7

All records will also be made available through the fungal portal of the national Biodiversity Recording Network:

<http://www.nzbrn.org.nz/>

#	FungusName	HostOrAssociationName	Substrate	Collector	Determiner	Herbarium Accession
0237	<i>Amanita muscaria</i>		soil	F.M. Kell	F.M. Kell	
0110	<i>Anthracoidea heterospora</i>	<i>Carex geminata</i>	flower heads	E.H.C. Mckenzie	E.H.C. Mckenzie	PDD97456
0243	<i>Auricularia cornea</i>		dead standing stem	F.M. Kell	F.M. Kell	
0092	<i>Bauerago gardneri</i>	<i>Cyperus ustulatus</i>	flower heads	E.H.C. Mckenzie	E.H.C. Mckenzie	PDD97457
1366	<i>Beverwykella</i> sp. 'Erua Forest (PDD80884)'		incubated dead twig	J.A. Cooper	J.A. Cooper	PDD95504
0902	<i>Biscogniauxia</i>	<i>Griselinia/Dysoxylum</i>	fallen twig	P. Catcheside		
1931	<i>Calocera</i> sp.		wood	S.E. Bellgard	G. Gates	
1997	<i>Calocera</i> sp.		wood	J. Gardner		
1284	<i>Calvatia</i> sp.		path in service area	P.K.C. Austwick	R.E. Beever	
0210	<i>Campanella</i>		wood	P. White		
1382	<i>Campanella</i>	<i>Laurelia novae-zelandiae</i>		G. Monk		
1677	<i>Campanella vinosolivida</i>	<i>Phormium tenax</i>	dead leaves	J.A. Cooper	J.A. Cooper	PDD95480
1372	<i>Candelabrum microsporium</i>		incubated dead twig	J.A. Cooper	J.A. Cooper	PDD95505
1558	<i>Clathrosporium intricatum</i>		incubated dead fern leaf	J.A. Cooper	J.A. Cooper	PDD95502
1958	<i>Clavogaster novozelandicus</i>		soil	D. Batchelor	I. Ritchie	
1949	<i>Clitocybe</i> sp.	<i>Freycinetia banksii</i>	rotting rhizome	S.E. Bellgard	G. Gates	
1788	<i>Collybia</i>	<i>Kunzea ericoides</i>	soil	P. Leonard	P. Leonard	
1991	<i>Conchomyces bursiformis</i>		wood	J. Gardner		
90002	<i>Coronospora novae-zelandiae</i>	<i>Freycinetia banksii</i>		E.H.C. McKenzie	E.H.C. McKenzie	PDD97443
0650	<i>Crucibulum laeve</i>		wood	P. Catcheside	P. Catcheside	
1800	<i>Descolea gunnii</i>	<i>Kunzea ericoides</i>	soil	P. Leonard	P. Leonard	
1374	<i>Entoloma melanocephalum</i>		soil	S. Kerr	S. Kerr	
0098	<i>Favolaschia calocera</i>	<i>Ripogonum scandens</i>	stems	E.H.C. Mckenzie	E.H.C. Mckenzie	PDD97465
0171	<i>Favolaschia calocera</i>	<i>Kunzea ericoides</i>	wood	F.M. Kell	P. White	
0873	<i>Favolaschia calocera</i>	<i>Leptospermum</i> sp.	twig	A. Andrews	A. Andrews	
1154	<i>Flammulina velutipes</i>		soil close to stump	B.J. Rees		
1973	<i>Galerina patagonica</i>		coarse woody debris	S.E. Bellgard	G. Gates	

0790	Ganoderma sp.		hardwood	P.K.C. Austwick	P.K. Buchanan	
1782	Geastrum velutinum	Kunzea sp.	soil	P. Leonard		
0544	Gloiocephala phormiorum	Phormium sp.	flax stem	I. Ritchie	J.A. Cooper	
0219	Gymnopus	Cyathea dealbata	dead treefern trunk	F.M. Kell		
90014	Helminthosporium palmigenum	Ripogonum scandens		E.H.C. McKenzie	E.H.C. McKenzie	PDD97492
1394	Hohenbuehelia cyphelliformis	Phormium sp.	decayed leaf	K. Richards	J.A. Cooper	
0183	Hyphodontia		wood	F.M. Kell		
1634	Hyphodontia		wood	S.E. Bellgard	G. Gates	
0057	Hypocrea sp.		wood	K. Walbert	P.K. Buchanan	
0222	Leratiomyces ceres		soil	P. White		
0908	Leratiomyces erythrocephalus		soil	P. Catcheside	P. Catcheside	
0045	Lycogala epidendrum		wood	K. Walbert	J.A. Cooper	
1683	Macrotyphula	Phormium tenax	decaying stems	J.A. Cooper	J.A. Cooper	PDD95534
1689	Melanotus vorax	Phormium tenax	dead leaves	J.A. Cooper	J.A. Cooper	PDD95481
0080	Mikronegeria	Fuchsia excorticata	leaves	E.H.C. Mckenzie	E.H.C. Mckenzie	PDD97448
1925	Mycena	Dacrycarpus dacrydioides	kahikatea twiglet litter	S.R. Pennycook	G. Gates	
0186	Mycena mariae		wood	P. White	P. White	
1671	Mycena sp. 'Mt Grey (PDD87373)'	Phormium tenax	dead leaves	J.A. Cooper	J.A. Cooper	PDD95479
1313	Omphalina		dead wood	K. Walbert	J.A. Cooper	PDD95540
0963	Parasola		grass	I. Ritchie		
1368	Periconiella phormii	Phormium tenax		E.H.C. Mckenzie	E.H.C. Mckenzie	PDD97464
0938	Pholiotina		stump	B.J. Rees		
0086	Phragmidium violaceum	Rubus fruticosus agg.	leaf rust	E.H.C. McKenzie	E.H.C. McKenzie	PDD97460
1913	Pluteus perroseus	Freycinetia banksii	decaying stem	S.E. Bellgard	J.A. Cooper	
0192	Polyporus melanopus		wood	P. White	P.K. Buchanan	
1360	Pseudaegerita cf. conifera		incubated dead fern leaf	J.A. Cooper	J.A. Cooper	PDD95503
0074	Puccinia tiritea	Muehlenbeckia australis	leaves	E.H.C. McKenzie	E.H.C. McKenzie	PDD97495
0174	Pycnoporus coccineus		wood	P. White	P. White	
1418	Rickenella fibula		moss	G. Monk		
1075	Scleroderma sp.	Leptospermum	soil	A. Andrews		
1235	Scleroderma sp.	Kunzea ericoides	soil	F.M. Kell	F.M. Kell	
1794	Scleroderma verrucosum	Kunzea ericoides	soil	P. Leonard	P. Leonard	
90013	Stachybotrys freycinetiae	Freycinetia banksii		E.H.C. Mckenzie	E.H.C. Mckenzie	PDD97466
90001	Stachylidium bicolor	Freycinetia bicolor		E.H.C. McKenzie	E.H.C. McKenzie	PDD 97466
1919	Trametes versicolor	tree-lucerne	rotting tree-lucerne wood	Rhys	G. Gates	
0914	Tremella fuciformis	Leptospermum sp.		P. Catcheside	P. White	
1812	Tubaria	Kunzea ericoides	soil	P. Leonard	P. Leonard	
0116	Uredo toetoe	Cortaderia richardii	leaves	E.H.C. Mckenzie	E.H.C. Mckenzie	PDD97459
0228	Vascellum pratense		soil	P. White	R.E. Beever	
0890	Weraroa novae-zelandiae		wood	H. Bichan	J.A. Cooper	
1217	weraroa novae-zelandiae	treefern	soil	H. Bichan	R.E. Beever	\

Notes

The list contains predominantly indigenous fungi which is unusual for an urban locality and emphasizes the unmodified nature of this reserve. The obvious introductions are *Amanita muscaria*, *Favolaschia calocera*, *Leratiomyces ceres* and *Phragmidium violaceum*. The first two are known fungal weeds of indigenous forests. The third is a cosmopolitan wood chip species originating in Australia, and the last is an introduction from Europe by way of Australia and specific to *Rubus fruticosus*, itself an invasive weed.

The remainder of the list are reasonably common, except *Melanotus vorax*, currently only known from two other collections and *Campanella vinosolivida* which isn't especially common. The highlight is a very distinctive *Macrotypophula* growing on dead *Phormium* leaves alongside the board walk. No name has been found for the fungus and its presence on a common host indicates a potentially locally restricted and nationally uncommon taxon.

Campanella vinosolivida (FUNNZ2009/1667)



Melanotus vorax (FUNNZ2009/1689)



Macrotyphula sp. (FUNNZ2009/1683)

