



Foray into Middle Earth

GLENORCHY With FUNNZ

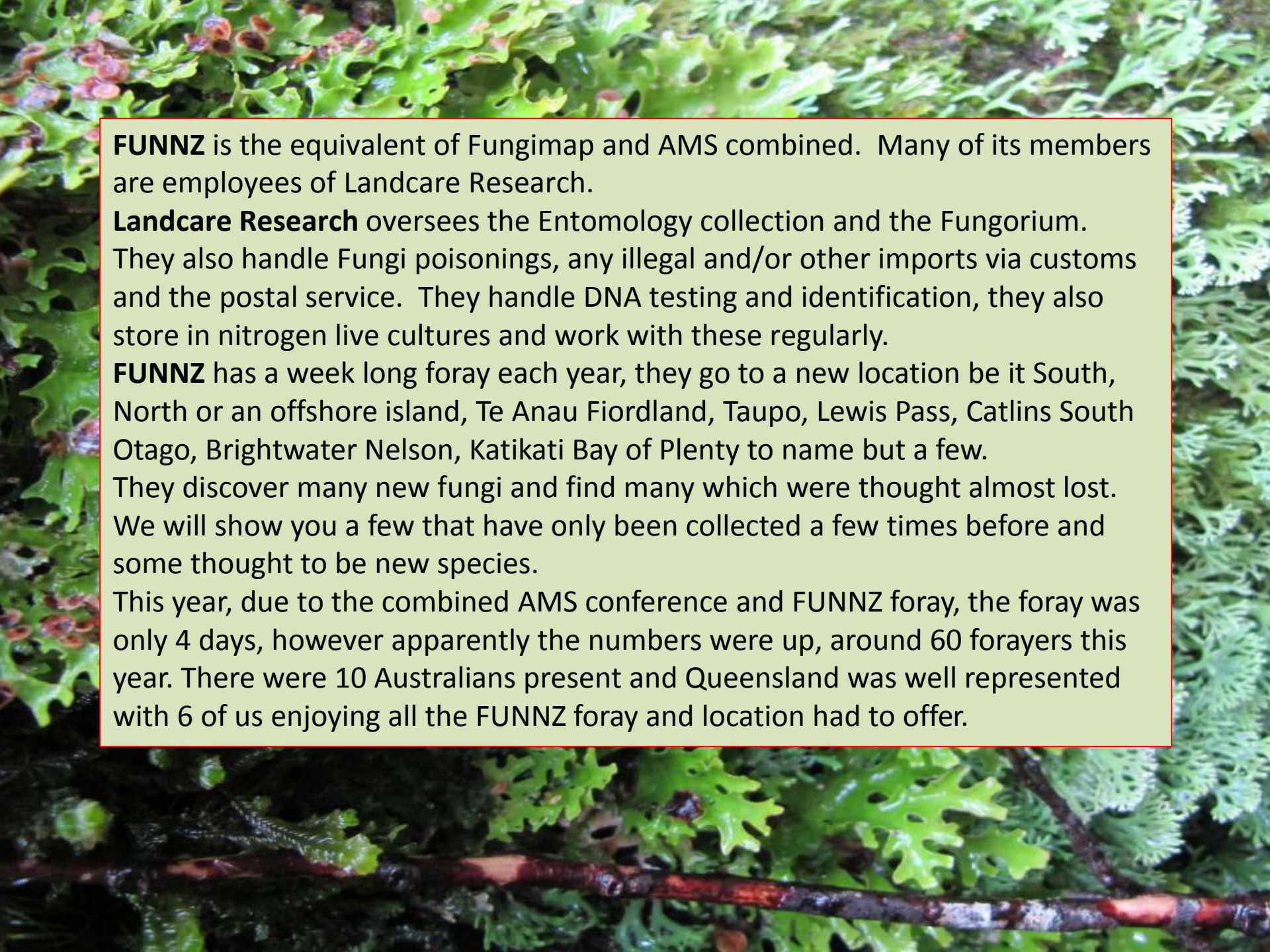
Fran Guard & Peter Buchanan

Pat Leonard & Susan Nuske

Susie Webster



Glenorchy is a spectacular location. It has been a very gold rich area of great beauty. It starred in some very popular movie franchises, The Chronicles of Narnia, X-Men and The Lord of the Rings and as you walked and drove through the region, some of the locations were recognizable. **Glenorchy** also has some wonderful walking tracks, some we were allowed to collect on and others not. Permissions had to be sought from the local land owners and also from DOC (Department of Conservation). When collecting, we actually had to leave the tracks and not collect within sight of trampers. Unfortunately the track provided some spectacular finds which we left to the New Zealanders.



FUNNZ is the equivalent of Fungimap and AMS combined. Many of its members are employees of Landcare Research.

Landcare Research oversees the Entomology collection and the Fungorium. They also handle Fungi poisonings, any illegal and/or other imports via customs and the postal service. They handle DNA testing and identification, they also store in nitrogen live cultures and work with these regularly.

FUNNZ has a week long foray each year, they go to a new location be it South, North or an offshore island, Te Anau Fiordland, Taupo, Lewis Pass, Catlins South Otago, Brightwater Nelson, Katikati Bay of Plenty to name but a few.

They discover many new fungi and find many which were thought almost lost. We will show you a few that have only been collected a few times before and some thought to be new species.

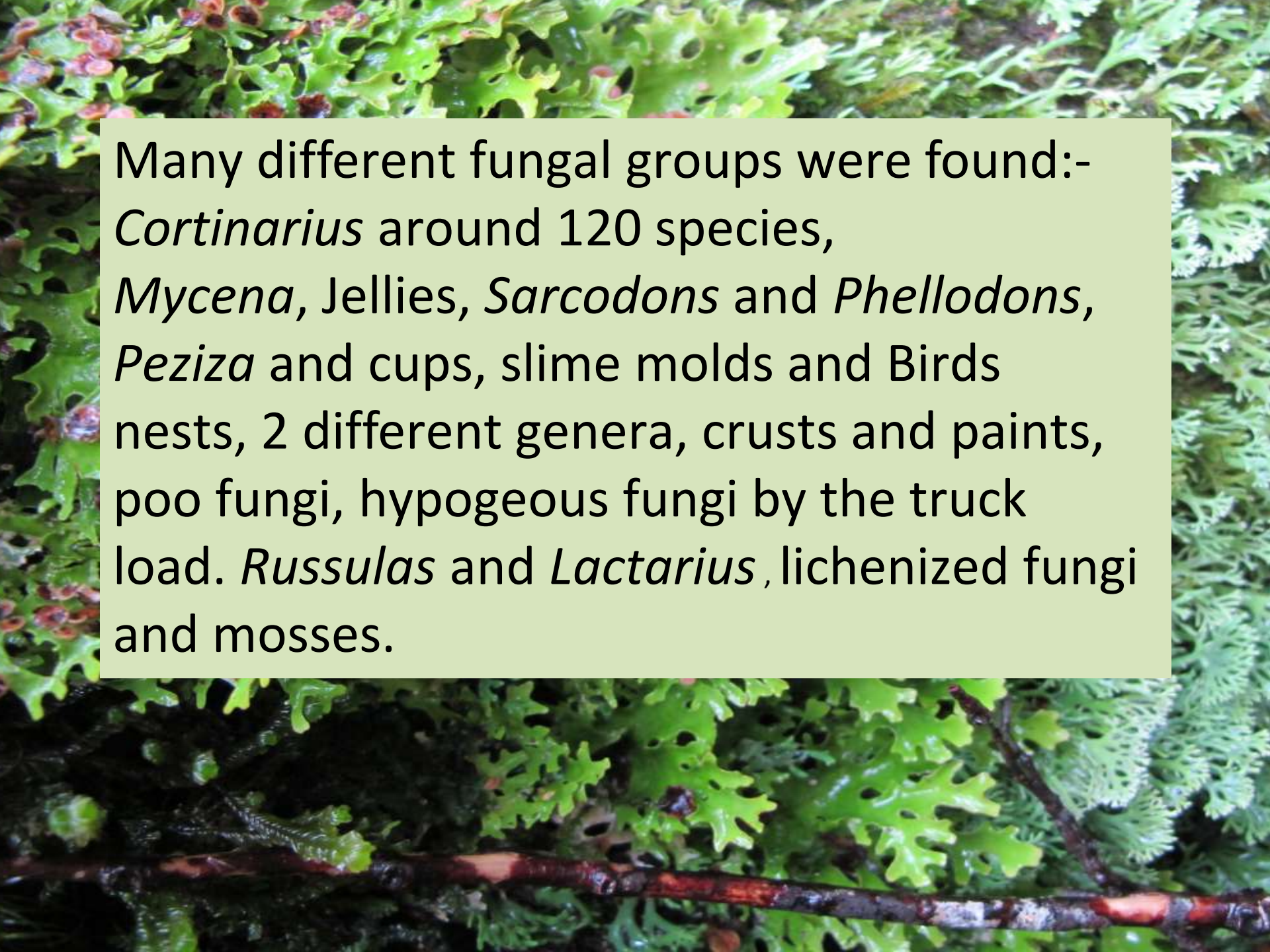
This year, due to the combined AMS conference and FUNNZ foray, the foray was only 4 days, however apparently the numbers were up, around 60 forayers this year. There were 10 Australians present and Queensland was well represented with 6 of us enjoying all the FUNNZ foray and location had to offer.

Location : Glenorchy, Middle Earth, New Zealand



The environment: Beech forest, mostly Red and Silver Beech





Many different fungal groups were found:-
Cortinarius around 120 species,
Mycena, Jellies, *Sarcodons* and *Phellodons*,
Peziza and cups, slime molds and Birds
nests, 2 different genera, crusts and paints,
poo fungi, hypogeous fungi by the truck
load. *Russulas* and *Lactarius*, lichenized fungi
and mosses.

Amazing mosses and lichens



Mycena of all shapes and sizes, some had stems nearly 20cm long, some translucent while others were pink, blood red and of course

Mycena interrupta which is more greenish in colour in NZ.





There were Mycena of all types, these had ryzomprphs attaching them to this tiny leaf (1.5mm x 1 cm).
Also had little hairs on the stem with little droplets at the end of each.

**Calostoma Fuscum
bellow and
Calostoma rodwayi**



Russulas,
so many
unusual colours.





Cortinarius





**Corals and
Artomyces
in
abundance**



Spectacular Ganoderma









MapSheet: 2016/1034
 Date: 7 Nov 16, Phnom/VN Y & H
 Fungus: *Mycena leucophaea*
 Host/Assec: *Nectria foveolata*
 Substrate: L26
 Collector: Thais Phanomsa
 Determiner: P. Phanomsa
 Locality: Ch. Vannavong
 Date: 7 Nov 16, Phnom/VN Y & H
 MapSheet: 2016/1034
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MapSheet: 2016/1034
 Date: 7 Nov 16, Phnom/VN Y & H
 Fungus: *L. nebulosa*
 Host/Assec: *Nectria foveolata*
 Substrate: Saw/M
 Collector: S. V. S. S. S. S.
 Determiner: P. Phanomsa
 Locality: Ch. Vannavong
 Date: 7 Nov 16, Phnom/VN Y & H

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20160810
Fungus: *Boletus edulis*
Host/Assoc:
Substrate: *Red Valley*
Collector: *SM*
Date: *7/10/16*

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Host/Assoc:
Substrate: *Red Valley*
Collector: *SM*
Date: *7/10/16*

20160804
Fungus: *pink green white gills*
Host/Assoc: *beech forest*
Substrate: *decid wood/moss*
Collector: *SM*
Date: *7/04/16*

20160804
Fungus: *Boletus edulis*
Host/Assoc:
Substrate: *Soil*
Collector: *S. K.*
Date: *7/5/16*

20160804
Fungus: *Boletus edulis*
Host/Assoc: *beech*
Substrate: *Soil*
Collector: *S. K.*
Date: *7/5/16*

20160804
Fungus: *Boletus edulis*
Host/Assoc: *beech forest*
Substrate: *decid wood*
Collector: *SM*
Date: *7/5/16*

20160804
Fungus: *gleoporus phleboporus*
Host: *beech*
Substrate: *wood*
Collector: *SM*
Date: *7/5/16*

20160807
Fungus: *Boletus edulis*
Host/Assoc: *beech*
Substrate: *soil/wood*
Collector: *SM*
Date: *7/5/16*



Fungus: Podoserpula pusio var
Host/Assoc: NORRHOPLAGUS tristis.
d mossy base of
WEBS (w)
Catcher
Re.
o(Y/N): Smw Herb:



er Buchanan (Barba
erky
ity: Row track.
heet:
6-5-1
oto(Y/N): Smw Herb



An Illustrated Guide to



Fungus


Host/

Subs

Col


Slime molds

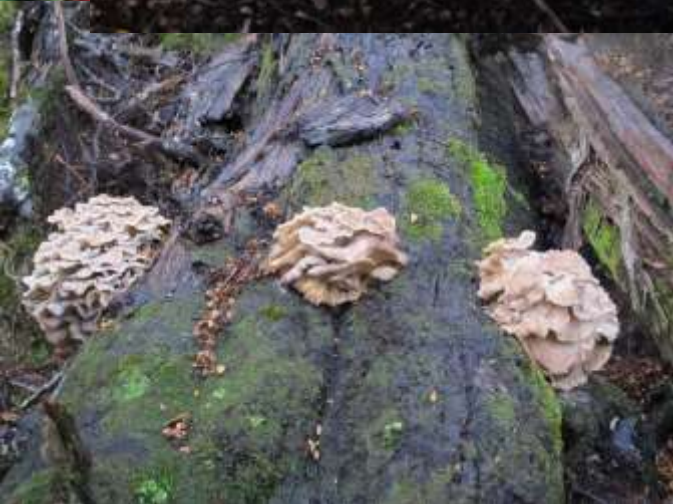



Australovulleminia
Coccinea



Substrate:
Collector: Young Woon Lim / Hyun Vee
Determiner: **SAP**
P. L. Lim, J. Lee







Hypogeous
and
scleroderma
fungi
everywhere



SJMaske

2016/2170
Fungus: Gallaceae scleroderma

Gallaceae
scleroderma

Nidula niveotomentosa





Sarcodon and Phallodon



Skeletal grave yard or ghoulish Fairy ring





**Ileodictyon
Gracile**



Clathrus archeri



Clathrus archeri eggs





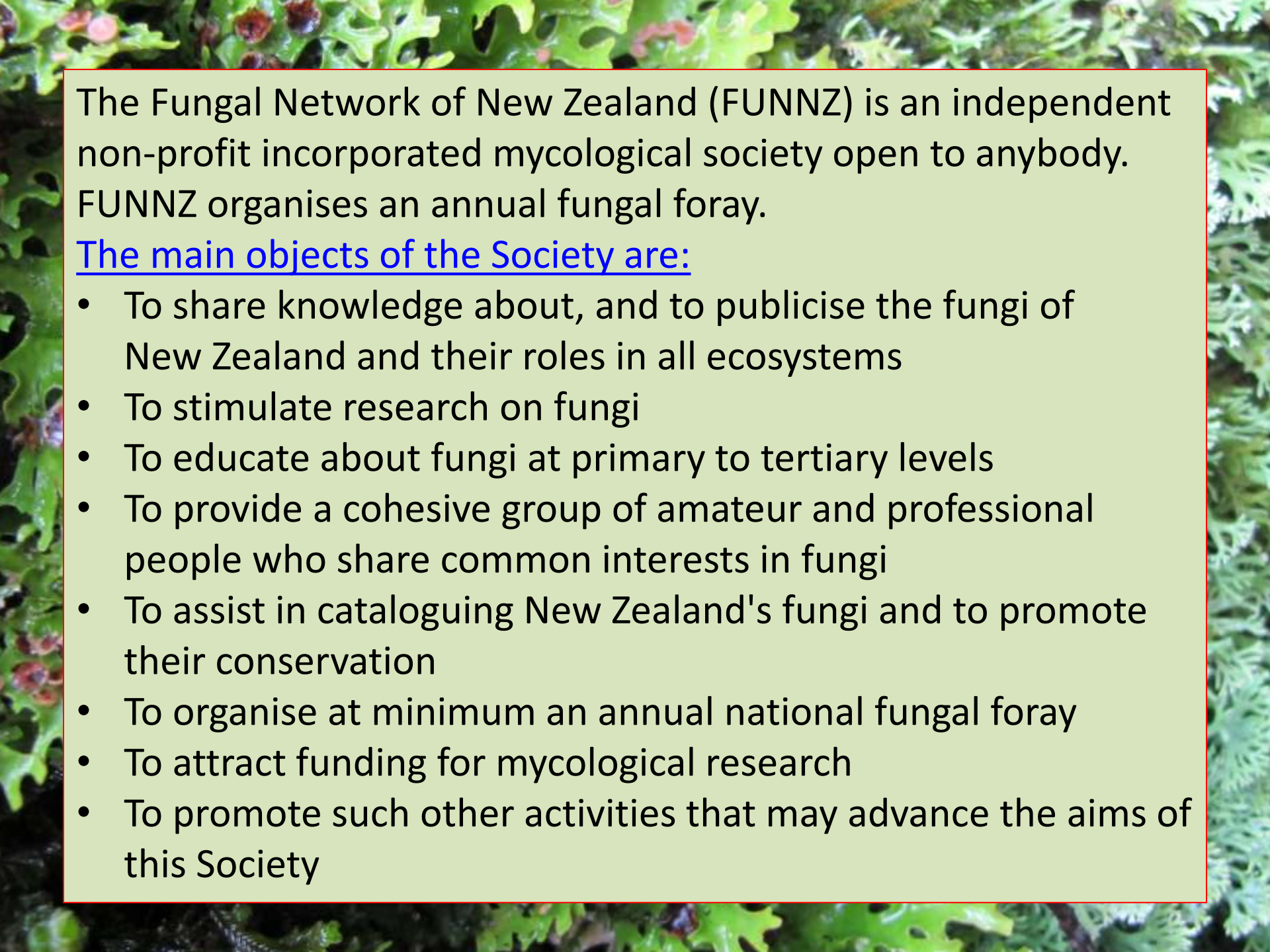
Glenorchy Fungal Garden











The Fungal Network of New Zealand (FUNNZ) is an independent non-profit incorporated mycological society open to anybody. FUNNZ organises an annual fungal foray.

The main objects of the Society are:

- To share knowledge about, and to publicise the fungi of New Zealand and their roles in all ecosystems
- To stimulate research on fungi
- To educate about fungi at primary to tertiary levels
- To provide a cohesive group of amateur and professional people who share common interests in fungi
- To assist in cataloguing New Zealand's fungi and to promote their conservation
- To organise at minimum an annual national fungal foray
- To attract funding for mycological research
- To promote such other activities that may advance the aims of this Society