

# NELSON LAKES NATIONAL PARK

## 8TH NZ FUNGAL FORAY

Fungi recorded at Lake Rotoiti on 17 May 1994. Lake side track - east side and in vicinity of Rotoiti Lodge.

*Tricholoma virido-olivaceum*.

*Tricholoma elegans*.

*Tricholoma* 'umber'.

*Tricholoma* 'sienna'.

*Tricholoma* 'grey'.

*Tricholoma* 'kowhai'.

*Lentinella* sp.

*Amanita muscaria*.

by G R Ridley.

*Polyporus* (*perennis*) fan polypore.

*Pluteus* sp. - on wood.

*Crucibulum vulgare* - birds nest fungus.

*Marasmiellus* sp.

*Resupinatus violaceo-griseus*.

*Mycena* - pale dirty white.

*Mycena* - with yellow sticky stem.

*Mycena globuliformis*.

*Mycena minirubra*.

*Polystictus versicolor*.

*Thaxterogaster porphyreum*.

*Crepidotis* sp. - cream fan mushroom.

*Armillaria limonea* - abundant.

*Dermocybe* spp.

*Cortinarius* spp. - many.

- large white dry, with tapered stem and rusty spores.

- dry white, with olive spore print.

- dark with cracks.

- slimy white.

- bulb-based lavender.

- olive-green.

- yellow.

- bright orange, with red touches, etc.

*Clavulina* - with grey purple clubs.

*Phellodon* - violet-black.

*Inonotus* sp.

*Laccaria fibrillosa* -lavender gills.

*Laccaria* sp. - abundant, pink gills.

Ramaria lorithamnus = sinapicolor.  
 Ramaria sp. - purplish to pinkish - rare striate spores, heavy stalk and branches.  
 Cortinarioid (= Phlegmacium) australiensis.  
 Entoloma sp - blue stem and navy top (*E. haastii*).  
 Paxillus spp - speckled top, and plain top, funnel cap, gills, brown spores.  
 Thaxterogaster porphyreum - bright purple head.  
 Thaxterogaster epiphaeum - gold head.  
 Boletus sp. under Nothofagus.  
 Boletus piperatus - under Nothofagus.  
 Coltricia oblectans.  
 Hericium sp. shelves with teeth  
 Hericium clathroides  
 Russula spp. - purple-white gill and yellow gill.  
 Macowanites sp - rosy red.  
 Psathyrella sp. - hispid (hairs) on cap.  
 Gautieria novae-zelandiae - verdigris green earth ball.  
 Tyromyces - white polypore discs.  
 Nidula sp - woolly bird's nest.  
 Hypholoma fasciculare - yellow-sulphur tufts.  
 Heterotextus sp - jelly studs.  
 Tremella fuciformis.  
 Hygrophorus = Gliophorus viridus - slimy green with waxy gills.  
 Calostoma fuscum - dark  
 Calostoma rodwayi - brown with hot lips.  
 Hamaspora australis - rust on Rubus.  
 Rozites pallida.  
 Rozites meleagris.  
 Cuphocybe rosea.  
 Cuphocybe olivacea.  
 Descolea majestatica.

#### ASCOMYCOTINA

Leotia lubrica.  
 Daldinia concentrica.  
 Bisporella citrina.  
 Chlorociborea aeruginea - copper stain, stained wood and blue-green ascocarps.  
 Hypomyces sp. - on Boletus.

#### LICHEN

Baeomyces sp. - green on rock or bank with pink studs.

# F U N G A L   S P E C I E S   L I S T

## Lake Rotoroa - 18 May 1994

- Thaxterogaster porphyreum - purple.  
 Hypholoma brunneum.  
 Descalea majestatica.  
 Cortinarius - many species.  
 Rozites sp. - Lavender.  
 Amanita nothofagi.  
 Armillaria limonea.  
 Tremella fusiforme.  
 Lacara sp. - pink, small.  
 Phellinus fusiforme.  
 Ganoderma or Fomes - hard bracket fungus and soft bracket fungus (small-3cm diam. no stalk).  
 Amanita muscari - in beech near lake.  
 Entoloma, (haastii?) - blue stipe, dark pileus.  
 Gautieria novae-zelandiae.  
 Tylopilus formosus - dark velvet bolete.  
 Descolea phlebophora.  
 Paxillus squarrosus - with dark scales on pileus.  
 Rozites meleagris.  
 Laccaria violacea - niger.  
 Xylaria castorea.  
 Panellus longingnus.  
 Laccaria - light brown.  
 Laccaria - light violet.  
 Russula sp.  
 Hygrophorus viridis.  
 Dacryopinax spathularia - yellow jelly fungus.  
 Lachnum nothofagi - 2 mm, apothecia.  
 Hypoxylon - 2 species, black - common on fallen beech wood.  
 Corynelia tropica - leaf spot pathogen on totara.  
 Trichoglossum hirsutum - earth tongue.  
 Hypoderma rubi - on Pseudopanax.  
 Phlegmacium sp.  
 Geastrum - earth star.  
 Panaeolina.  
 Clavicornia.  
 Conchomyces bursiformis - white gills. 2-5cm diam. very short stipe, (like a white bracket).  
 Cortinarius violaceus.  
 Laetiporus - large, almond-smelling.  
 Stereum fasciatum.  
 Inocybe sp. - 2 species.  
 Hypoxylon sp. - 1-2 cm diam. rounded lumps.  
 Mycena ura.  
 Clavulina sp.  
 Hygrocybe.  
 Tricholoma viridia - olivaceum.  
 Gymnopilus sp.  
 Lepiota sp.  
 Paxillus aurantiacus - golden cap.

**Specimens collected at 8th fungal foray, Lakes Rotoiti and Rotoroa by David Glenny.**

All specimens have been deposited at the herbarium, Museum of NZ (WELT), with a few duplicates of critical specimens to Landcare, Lincoln (CHR).

LIVERWORTS

- Austrolejeunea nudipes* (Hook.f. & Taylor) Grolle  
*Balantiopsis diplophylla* (Hook.f. & Taylor) Mitt.  
*Cephaloziella pulcherrima* R.M.Schust. subsp. *sphagnicola* R.M.Schust.  
*Cheilolejeunea* sp.  
*Cololejeunea* sp. 1  
*Cololejeunea* sp. 2  
*Colura saccophylla* E.A.Hodgs. & Herzog  
*Cuspidatula monodon* (Hook.f. & Taylor) Steph.  
*Diplasiolejeunea plicatiloba* (Hook.f. & Taylor) Grolle  
*Diplasiolejeunea pusilla* Grolle  
*Harpalejeunea latitans* (Hook.f. & Taylor) Grolle  
*Lejeunea flava* (Sw.) Nees  
*Lejeunea helmsiana* Steph.  
*Lejeunea primordialis* (Hook.f. & Taylor) Taylor  
*Riccardia papulosa* (Steph.) E.A.Brown  
*Zoopsis leitgebiana* (Carrington & Pearson) Bastow

LICHENS

- "Badamiella" "sericeuxii" (unnamed genus and species).  
*Collema fasciculare* (L.) Wiggers  
*Metus conglomeratus* (F.Wilson) D.Galloway & P.James  
*Micarea* sp.  
*Sagenidium molle* Stirton  
*Spilonema dendroides* Henssen

MOSSES

- Ephemeropsis trentepohlioides* (Renn.) Sainsb.  
*Fissidens hylogenes* Dix.  
*Fissidens pungens* C.Muell.& Hampe

Species that are rare or rarely collected:

*Spilonema dendroides*: this is the third collection of a NZ endemic, the other two were from Stewart Island and Arthurs Pass. From kahikatea trunk near Lake Rotoroa toilets.

*Fissidens hylogenes*: this may be the first South Island record (only four NI localities in WELT). From stream bank on Rotoroa track.

*Cephaloziella pulcherrima* subsp. *sphagnicola*: first NZ record of this Tasmanian subspecies, recorded in Schuster's 1971 monograph as only known from the type specimen. From Sphagnum swamp near St Arnaud outside of the park boundary.

*Lejeunea helmsiana*: third specimen of this NZ endemic. From kiokio leaves near stream along Rotoroa track.

Nelson Lakes, National Park  
17 to 19 May, 1994

LICHENS

Collected and identified by Elizabeth & Howard Lintott

Baeomyces absolutus	
B. fungoides	
B. heteromorphus	
Badamiella sericeuxii	
Calicium abietinum	
Cadelariella vitellina	Parmelia crambidiocarpa
Chrysothrix candelaris	Parmelia tenuirima
Cladia aggregata	Parmelia testacea
Cladonia vulcanica	Peltigera dolichorhiza
Cladonia spp.	Pertusaria nothofagii
Coccocarpa palmicola	Pseudocyphellaria colensoi
Coccotrema cucurbitula	P. coronata
Collema laeve	P. faveolata
Dimerella lutea	P. pickeringii
Fuscoder mum amphibolum	Psoroma areneosum
Haematomma babingtonii	P. durietzii
Hypogymnia mundata	P. pholidotoides
Hypogymnia subphysoides	P. sphinctrinum
Hypotrachyna laevigata	P. leprolomum
Lecidea spp.	Ramalina sp.
Lepraria incana	Sagenidium molle
Leptogium limbatum	Sphaerophorus insignis
Lobaria adscripta	S. tener
Melanelia sp.	Stereocaulon colensoi
Menegazzia dielsii	S. ramulosum
M. pertransita	Sticta filix
Metus conglomeratus	Teloschistes velifer
Nephroma australe	Trapeliopsis congregans
Nephroma lepidophyllum	Usnea capillacea
Ochrolechia pallescens	Xanthoparmelia scabrosa