

List of Agaricales species for which a sequence barcode is needed.

Jerry Cooper, August 2023

This is the list of species which were described from New Zealand and for which we don't have a candidate sequenced collection. There are also many species reported as indigenous in NZ, but described from outside Australasia, and for which we also don't have sequences, but in most cases those species are probably not present (e.g. *Hygrocybe miniata* described from Sri Lanka, etc). For the NZ-described species where we do have candidate sequences then often we have multiple candidates which represent different phylogenetic species – but that's a different problem.

Name	Type Locality
<i>Abstoma purpureum</i>	NZ Weraroa
<i>Amanita pumatona</i>	NZ Rimutaka Forest Park
<i>Anthracophyllum glaucophyllum</i>	NZ
<i>Anthracophyllum pallidum</i>	NZ Hauraki Gulf, Noises Is, on living branches of <i>Olearia furfuracea</i>
<i>Calyptella hebe</i>	NZ Mt. Egmont, <i>Hebe salicifolia</i>
<i>Camarophyllum muritaiensis</i>	NZ Muritai, Wellington
<i>Campanella fimbriata</i>	NZ Auckland, Bamboo
<i>Cantharellula waiporiensis</i>	NZ Waipori, Dunedin, tussock grasses
<i>Chondrostereum vesiculosum</i>	NZ Auckland, Kaiwaka, <i>Pittosporum eugenioides</i>
<i>Clavaria ardosiaca</i>	NZ Waipoua Forest Northland
<i>Clavaria echinobrevispora</i>	NZ Waipoua Forest Northland
<i>Clavaria echinonivosa</i>	NZ Waipoua Forest Northland
<i>Clavaria flavopurpurea</i>	NZ Waipoua Forest Northland
<i>Clavaria mima</i>	NZ Pelorus Scenic Reserve, Marlborough Sounds
<i>Clavaria plumbeoargillacea</i>	NZ Auckland, Mill Bay
<i>Clavaria subsordida</i>	NZ Waipoua Forest Northland
<i>Clavaria tuberculospora</i>	NZ Waipoua Forest Northland
<i>Collybiopsis masoniae</i>	NZ Arthurs Pass, <i>Nothofagus</i> leaves
<i>Cortinarius aurantiellus</i>	NZ Milford Sound, W of Homer Tunnel, under <i>N. menziesii</i>
<i>Cortinarius gemmeus</i>	NZ Little Barrier Island, under <i>leptospermum</i>
<i>Cortinarius phaeochlorus</i>	NZ Waitakere Range. Anawata Road, under <i>L.s.</i> and <i>L.e.</i> ,
<i>Cortinarius rugosiceps</i>	NZ Makarora, Pipsen's Creek
<i>Crepidotus brunneomarginatus</i>	NZ Buller, Waiuta, trail to Blackwater
<i>Crepidotus carneolus</i>	NZ Buller, Kopara, Nelson Creek
<i>Crepidotus dilutus</i>	NZ Buller, Lake Rotoiti, trail to St. Arnaud Range
<i>Crepidotus improvisus</i>	NZ Murchison, Matakītaki
<i>Crepidotus isabellinus</i>	NZ Otago Lakes, Haast Pass, Davis Flat,
<i>Crepidotus mutabilis</i>	NZ Nelson, Karamea, Kohaihai, Nikau Walk, <i>Rhoplaostylis</i>
<i>Crepidotus plumulosus</i>	NZ Nelson, west of Tophouse Saddle, Big Bush, <i>Nothofagus</i>
<i>Crepidotus semiorbatus</i>	NZ Craigieburn Range, Cave Stream, <i>Nothofagus</i>
<i>Crepidotus variegatus</i>	NZ Buller, Lake Rotoiti, St. Arnaud, West Bay, <i>Nothofagus</i>

Name	Type Locality
<i>Crinipellis filiformis</i>	NZ Lake Papaitonga, Levin
<i>Cryptomarasmius fishii</i>	NZ Rotorua, Lake Ngapouri, Phormium
<i>Cuphophyllus delicatus</i>	NZ Kowai Bush, Mt. Grey
<i>Dendrothele ampullospora</i>	NZ Auckland, Piha, Whites Stream, <i>Metrosideros excelsa</i>
<i>Dendrothele arachispora</i>	NZ Auckland, Piha, on <i>Myoporum laetum</i>
<i>Dendrothele aucklandica</i>	NZ Auckland, Atkinson Park, Titirangi, on bark of <i>Leptospermum ericoides</i>
<i>Dendrothele australis</i>	NZ Wellington, Lake Papaitonga, <i>Rubus australis</i>
<i>Dendrothele biapiculata</i>	NZ Nelson, Murchison, <i>Fuchsia excorticata</i>
<i>Dendrothele leptostachys</i>	NZ Campbell Island, Perseverance Harbour, <i>Dracophyllum</i>
<i>Dendrothele magninavicularis</i>	NZ Wellington, Lake Papaitonga, <i>Melicytus ramiflorus</i>
<i>Dendrothele navicularis</i>	NZ Auckland, Piha, Whekatahi Stream, <i>Brachyglottis repanda</i>
<i>Dendrothele novae-zelandiae</i>	NZ Otago, Catlin Forest Park, Cairn Road summit
<i>Dendrothele subellipsoidea</i>	NZ Craigieburn Forest. Wood
<i>Disciseda verrucosa</i>	NZ Milford Track, Otago
<i>Entoloma aberrans</i>	NZ S of Lake Hochstetter, Prov. Westcoast
<i>Entoloma acuminatum</i> (nom. inval.)	NZ Westland, Harihari, Mt Wilberg,
<i>Entoloma blandiodorum</i>	NZ Little Barrier Island, Thumb Track
<i>Entoloma cavipes</i>	NZ Ulva Island, Paterson Inlet
<i>Entoloma cerifactum</i>	NZ Kaimai Mamaku Forest Park
<i>Entoloma chloroxanthum</i>	NZ Wellington Botanic Gardens
<i>Entoloma chrysopus</i>	Au
<i>Entoloma colensoi</i>	NZ Waikana
<i>Entoloma convexum</i>	NZ Butterfly, Wellington
<i>Entoloma corneum</i>	NZ Kauaeranga Valley, Coromandel Peninsula
<i>Entoloma croceum</i>	NZ Auckland: Titirangi, Clarke's Bush
<i>Entoloma deceptivum</i>	NZ Kaihoka Reserve, Whanganui Inlet, Prov. Nelson
<i>Entoloma deprensum</i>	NZ Auckland, Hunua Ranges, Kawakawa Bay
<i>Entoloma farinolens</i>	NZ Lake Waikaremoana, Tawa Track, Urewera
<i>Entoloma gasteromycetoides</i> f. <i>bispora</i>	NZ Auckland, Waitakere Ranges, Mill Bay,
<i>Entoloma imbecille</i>	Argentina. [<i>E. fragile</i>] Nelson, Golden Bay, Pakawau Creek, on debris of tree-fern
<i>Entoloma improvisum</i>	NZ Springs Junction, Rahu Saddle, Klondyke Track
<i>Entoloma inops</i>	NZ Gisborne, Urewera National Park, Aniwaniwa, Hinerau Track
<i>Entoloma latericolor</i>	NZ Northland, Waipoua Forest
<i>Entoloma mancum</i>	NZ Otago Lakes, Te Anau, Eglinton Forest, Boyd Creek on sphagnum
<i>Entoloma mariae</i>	NZ Muritai, Wellington
<i>Entoloma mcnabbianum</i>	NZ Auckland, Titirangi, Atkinson Park

Name	Type Locality
<i>Entoloma melleum</i>	NZ Stewart Island, Christmas Village
<i>Entoloma minutoalbum</i>	NZ Buller track between Taylorville & Mt Sewell
<i>Entoloma neosericellum</i>	NZ Auckland, Waitakere Ranges, Mill Bay
<i>Entoloma obrusseum</i>	NZ Taranaki, New Plymouth, Pukekura Park
<i>Entoloma peraffine</i>	NZ Westland, Jackson Bay, Stratford Saddle Track
<i>Entoloma perplexum</i>	NZ Buller, Ikamatua, N of Totara Flat
<i>Entoloma stramineum</i>	NZ Northland Trounson Kauri Park
<i>Entoloma tectum</i>	NZ Gisborne, Urewera National Park, Waikaremoana, TawaTrack
<i>Entoloma waikaremoana</i>	NZ Gisborne, Urewera National Park, Aniwaniwa, Hinerau Track
<i>Flagelloscypha aotearoa</i>	NZ Nelson, Lake Rotoiti. <i>Rubus australis</i>
<i>Flagelloscypha tongariro</i>	NZ Mt. Tongariro, Wellington
<i>Flammulaster disseminatus</i>	Chile
<i>Galerina excentrica</i>	NZ Coromandel Peninsula, Kirikiri Valley
<i>Galerina nothofaginea</i>	NZ Nelson: Tophouse
<i>Gliophorus luteoglutinosus</i>	NZ Tapu, Coromandel Peninsula
<i>Gliophorus viscauranti</i>	NZ S of Lake Hochstetter, Prov. Westcoast
<i>Gloiocephala tibiicystis</i>	NZ North Island, North Auckland, Hokianga, phormium
<i>Gymnopus vinaceus</i>	NZ Wakapuaka, Nelson
<i>Hemimycena reducta</i>	NZ North Auckland, Omahuta, dicksonia
<i>Hygrocybe miniceps</i>	NZ Wellington, Butterfly Creek
<i>Incrustocalyptella pseudopanacis</i>	NZ Westland, Kopara
<i>Inocybe aequalis</i>	NZ Auckland, Waitakere Range, Fern Track
<i>Inocybe callichroa</i>	NZ Buller, Reefton, Bolitho Mine Track
<i>Inocybe cerea</i>	NZ Fjordland, East slopes of Mt Luxmore, Lake Te Anau
<i>Inocybe dissimilis</i>	NZ Otago Lakes, Te Anau, The Divide, trail to Key Summit
<i>Inocybe infirma</i>	NZ Westland, Lake Moeraki, Monro Beach Walk
<i>Inocybe irregularis</i>	NZ Arthur's Pass
<i>Inocybe magnibulbosa</i>	NZ Buller, Reefton, Bolitho Mine Track
<i>Inocybe manukanea</i>	NZ Nelson, between Collingwood and Pakawau;
<i>Inocybe microsperma</i>	NZ Otago Lakes, Haast Pass, Stewart Falls,
<i>Inocybe paracerasphora</i>	NZ Ahaura, Kopara Junction
<i>Inocybe phaeosquarrosa</i>	NZ "Southland, Te Anau, Te Anau Bush;
<i>Inocybe poculata</i>	NZ Northland, Waipoua
<i>Inocybe straminea</i>	NZ Stewart Island, Christmas Village
<i>Inocybe strobilacea</i>	NZ Gisborne, Te Urewera National Park, Lake Waikaremoana, Hinerau Track
<i>Laccaria masoniae</i> var. <i>brevispinosa</i>	NZ Nelson: Lake Daniels track
<i>Lachnella coprosmae</i>	NZ Pukekura, Westland,
<i>Lachnella nikau</i>	NZ Piha, Auckland
<i>Lachnella pyriformis</i>	NZ Mt. Egmont, Taranaki

Name	Type Locality
<i>Lachnella snaresensis</i>	NZ Snares Island
<i>Lachnella turbinata</i>	NZ Invercargill, Otago, <i>Olearia paniculata</i>
<i>Lepiota adusta</i>	NZ Whanganui Inlet, Mangarakau
<i>Lepista antipoda</i>	NZ Nelson, Wakefield, Wairoa
<i>Macrotyphula rhizomorpha</i>	NZ Fox Glacier area, Westland, Gillespie's Beach
<i>Marasmius atrocastaneus</i>	NZ Butterfly, Wellington
<i>Marasmius perpusillus</i>	NZ Nelson, Matakaitaki River Valley, Murchison, <i>Elaeocarpus</i>
<i>Marasmius podocarpicola</i>	NZ Fjordland, between Lake Te Anau and Lake Manapouri
<i>Marasmius pusillissimus</i>	NZ Northland, Hokianga Co., Waipoua Kauri Reserve, <i>Astelia</i>
<i>Marasmius rhombisporus</i>	NZ Westland, S of Ahaura, <i>Pseudopanax</i>
<i>Marasmius rimophilus</i>	NZ Westland, S of Lake Hochstetter
<i>Marasmius rosulatus</i>	NZ North Auckland, Hokianga Co., Trouson Kauri Park, <i>Gahnia</i>
<i>Marasmius unilamellatus</i>	NZ North of Auckland, Waipoua, Kauri Reserve, <i>Beilschmedia</i>
<i>Mycena vinaceipora</i>	NZ Auckland, WaitakereRa., Atkinsons Reserve
<i>Neohygrocybe squarrosa</i>	NZ Ulva Island, Paterson Inlet, Stewart Island
<i>Nivatogastrium lignicola</i>	NZ Filter Station, Dunedin
<i>Nivatogastrium sulcatum</i>	NZ Lake Waikareiti, Urewera National Park
<i>Parvobasidium lianicola</i>	NZ Pohangina River, Wellington, <i>Metrosideros</i>
<i>Phaeocollybia longipes</i>	NZ Waiuta, E of Totara Flat, Prov. Westcoast
<i>Phaeocollybia minuta</i>	NZ Fiordland, Milford Sound
<i>Pluteus sabulosus</i>	NZ Westland, Harihari, Lake Ianthe
<i>Pluteus subantarcticus</i>	NZ Snares
<i>Pyrrhoglossum viriditinctum</i>	NZ Gisborne, Te Urewera National Park, Ngamoko Track
<i>Ramariopsis alutacea</i>	NZ Waipoua Forest Northland
<i>Ramariopsis depokensis</i> f. <i>persicina</i>	NZ Waipoua Forest Northland
<i>Ramariopsis junquillea</i>	NZ Urewera, Waikare-iti Track
<i>Ramariopsis longipes</i>	NZ Northland, Puketi State Forest
<i>Ramariopsis ovispora</i>	NZ Northland, Puketi State Forest, Waipapa River
<i>Ramariopsis tortuosa</i>	NZ Waipoua Forest Northland
<i>Resupinatus huia</i>	NZ Auckland. Hui
<i>Rhodocybe albovelutina</i>	NZ Wellington, Levin, Ohau River
<i>Rhodocybe fuliginea</i>	NZ Nelson, Golden Bay, N of Pakawau
<i>Rhodocybe iti</i>	NZ Westland, Harihari, W slope of Mt Wilberg
<i>Rhodocybe maleolens</i>	NZ Nelson, Golden Bay, Pakawau Creek
<i>Rhodocybe multilamellata</i>	NZ Nelson, Abel Tasman National Park, Inland Track, Pigeon Saddle
<i>Setigeroclavula ascendens</i>	NZ Abel Tasman, Coast Track
<i>Simocybe luteomellea</i>	NZ Westland, Harihari, Mount Hercules,
<i>Simocybe tabacina</i>	NZ Buller, Ahaura, Kopara
<i>Tricholoma bubalinum</i>	NZ Spooner's Range, Nelson

Name	Type Locality
Tubaria deceptiva	NZ Fiordland, west of Waiiau River between Lake Te Anau and Lake Manapouri, Kepler Trail
Tubaria divulgata	NZ Westland, Karangarua, entrance to Copland Track
Tubaria excentrica	NZ Taranaki, Egmont National Park, above Stratford Lodge
Tubaria hispidula	NZ Stewart Island, Golden Bay
Tubaria lanatula	NZ Buller, Murchison, Matakītaki
Tubaria perplexa	NZ Coromandel, Little Barrier Island, Base Camp
Volvaria primulina	NZ
Xeromphalina testacea	NZ Coromandel Peninsula, Kirikiri Valley,