

Biological Risk Management and Containment

Appendix 2

How to use Landcare databases to determine whether an organism is likely to be present in New Zealand

Containment Laboratory Guidelines

Version 2.1- September 2024

This document was originally Version 2 which was extensively reviewed and approved in February 2021.

Record of Amendments to Version 2.1

Date	Page number	Nature of amendment
23/09/24	4, 5, 6 and 7	Websites updates
23/09/24	All	Unoversity Logo updated

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1. Who are these guidelines for?

These guidelines are intended for **principal investigators (PIs), designated persons in charge, designated laboratory person (DLPs)**, technical staff and students trained in the safe use of **risk biologicals** in appropriate containment facilities.

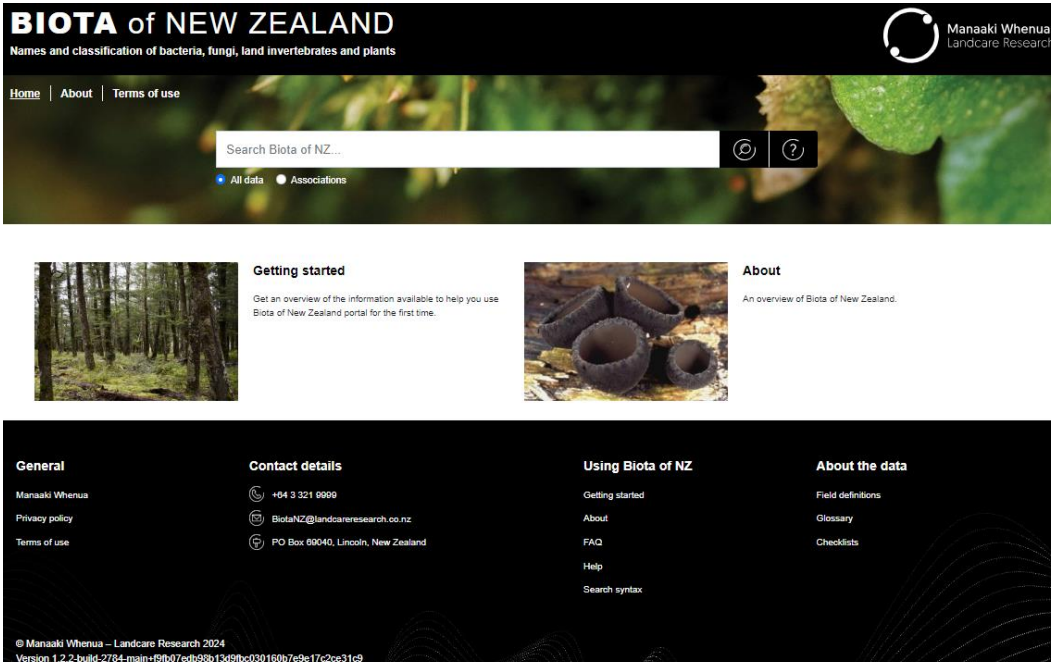
2. Introduction

The Landcare databases will give you a reasonable basis to decide whether the particular organism is **likely** to be present in NZ.

3. Navigation

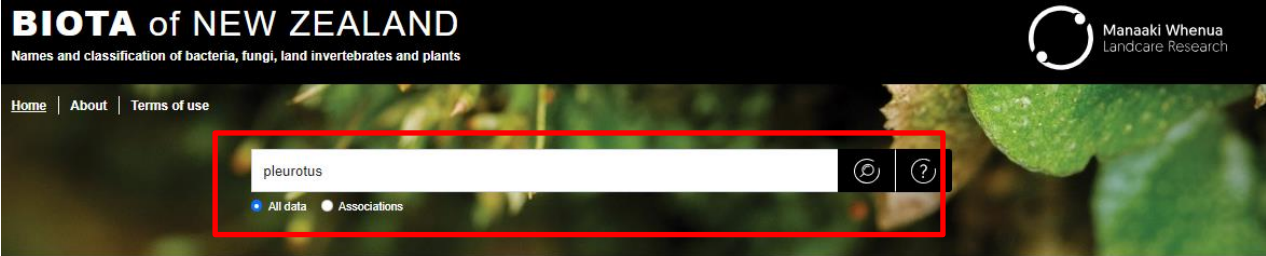
3.1. Go to Landcare database:

[Biota of NZ \(landcareresearch.co.nz\)](http://landcareresearch.co.nz)



The screenshot shows the homepage of the Biota of New Zealand website. The header includes the title "BIOTA of NEW ZEALAND" and the subtitle "Names and classification of bacteria, fungi, land invertebrates and plants". The logo for Manaaki Whenua Landcare Research is in the top right. Navigation links for "Home", "About", and "Terms of use" are present. A search bar is prominently displayed with the text "Search Biota of NZ...". Below the search bar, there are radio buttons for "All data" (selected) and "Associations". The main content area features three columns: "Getting started" with a forest image and a brief overview, "About" with a cup-shaped fungus image and a more detailed overview, and "General" with contact information. A footer section contains copyright information and version details.

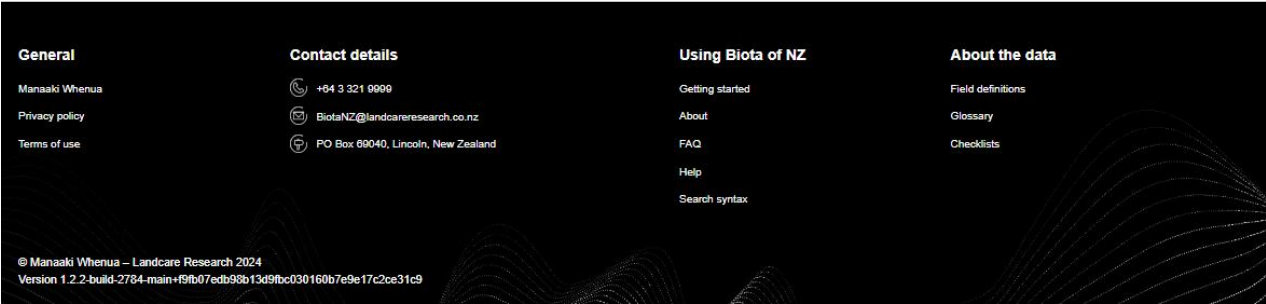
3.2. Enter genus or species in the search field:




Getting started
Get an overview of the information available to help you use Biota of New Zealand portal for the first time.



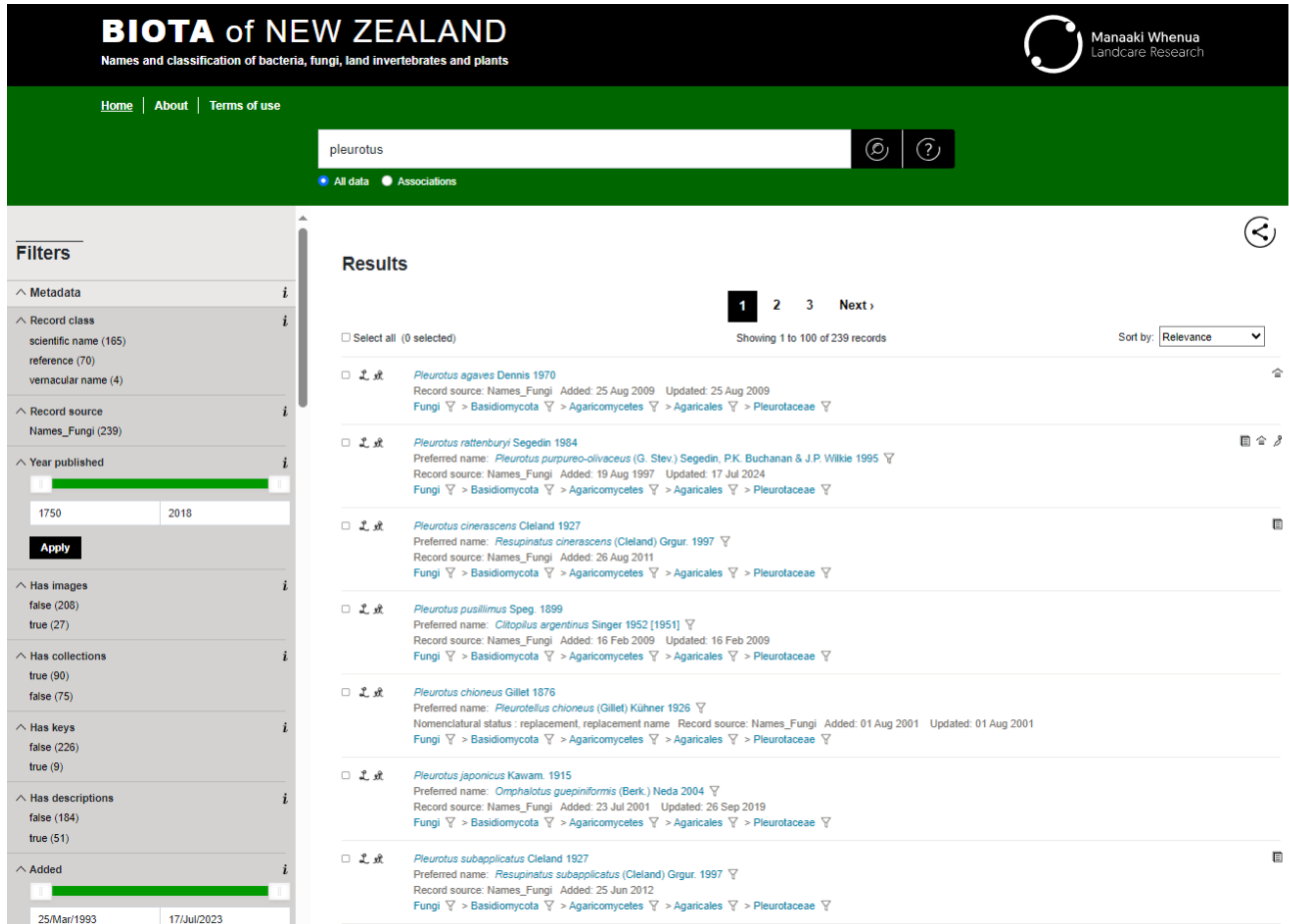
About
An overview of Biota of New Zealand.



<p>General</p> <ul style="list-style-type: none"> Manaaki Whenua Privacy policy Terms of use 	<p>Contact details</p> <ul style="list-style-type: none"> +64 3 321 9999 BiotaNZ@landcareresearch.co.nz PO Box 89040, Lincoln, New Zealand 	<p>Using Biota of NZ</p> <ul style="list-style-type: none"> Getting started About FAQ Help Search syntax 	<p>About the data</p> <ul style="list-style-type: none"> Field definitions Glossary Checklists
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Version 1.2.2-build-2784-main+f9fb07edb98b13d9fbc030160b7e9e17c2ce31c9

3.3. Find the organism in the list:



BIOTA of NEW ZEALAND
Names and classification of bacteria, fungi, land invertebrates and plants

Home | About | Terms of use

Search: pleurotus


Filters:

- Metadata
- Record class: scientific name (165), reference (70), vernacular name (4)
- Record source: Names_Fungi (239)
- Year published: 1750 - 2018
- Has images: false (206), true (27)
- Has collections: true (90), false (75)
- Has keys: false (226), true (9)
- Has descriptions: false (184), true (51)
- Added: 25/Mar/1993 - 17/Jul/2023

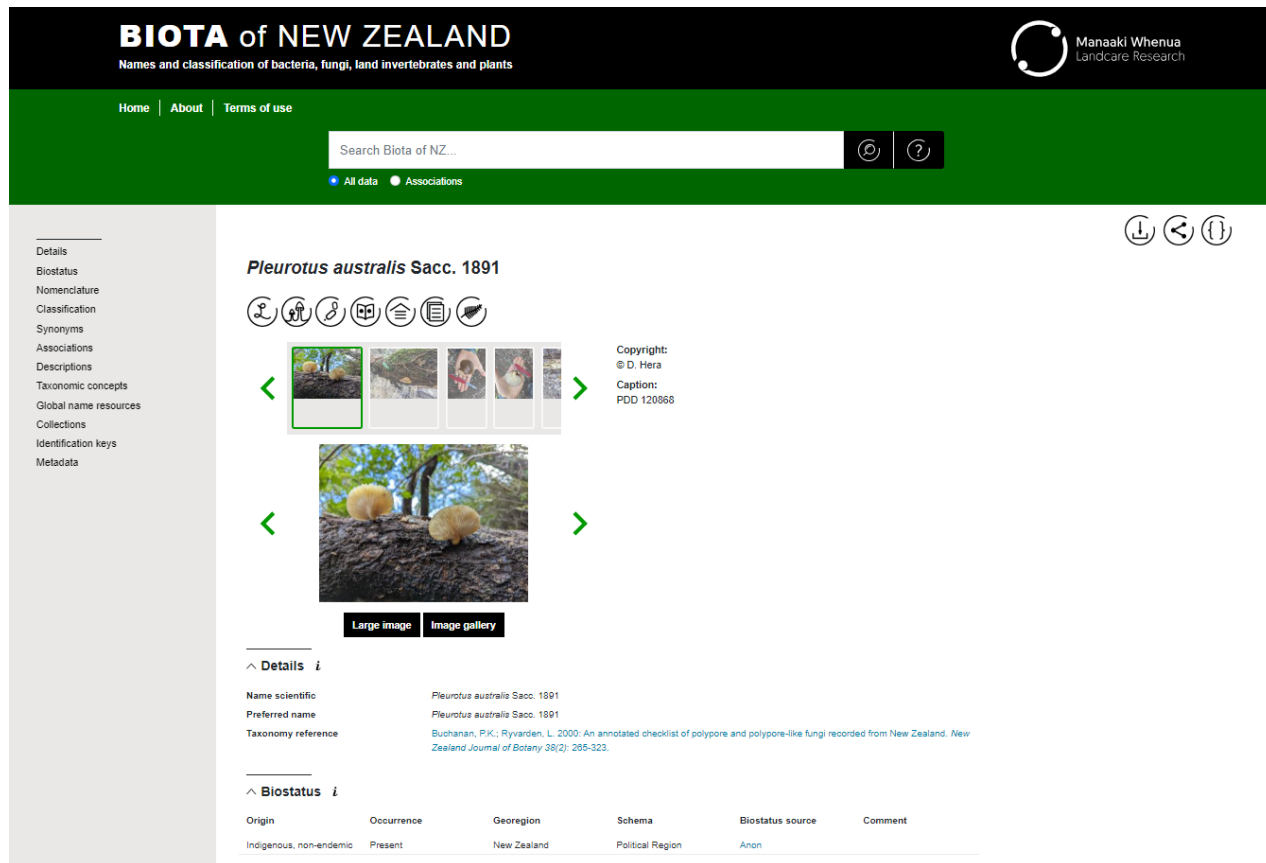
Results

Showing 1 to 100 of 239 records. Sort by: Relevance

- Pleurotus agaves* Dennis 1970
Record source: Names_Fungi Added: 25 Aug 2009 Updated: 25 Aug 2009
Fungi > Basidiomycota > Agaricomycetes > Agaricales > Pleurotaceae
- Pleurotus rattenburyi* Segegin 1984
Preferred name: *Pleurotus purpureo-olivaceus* (G. Stev.) Segegin, P.K. Buchanan & J.P. Wilkie 1995
Record source: Names_Fungi Added: 19 Aug 1997 Updated: 17 Jul 2024
Fungi > Basidiomycota > Agaricomycetes > Agaricales > Pleurotaceae
- Pleurotus cinerascens* Cleland 1927
Preferred name: *Resupinatus cinerascens* (Cleland) Grgur. 1997
Record source: Names_Fungi Added: 26 Aug 2011
Fungi > Basidiomycota > Agaricomycetes > Agaricales > Pleurotaceae
- Pleurotus pusillimus* Speg. 1899
Preferred name: *Citopilus argentinus* Singer 1952 [1951]
Record source: Names_Fungi Added: 16 Feb 2009 Updated: 16 Feb 2009
Fungi > Basidiomycota > Agaricomycetes > Agaricales > Pleurotaceae
- Pleurotus chioneus* Gillet 1876
Preferred name: *Pleurotellus chioneus* (Gillet) Kühner 1926
Nomenclatural status: replacement, replacement name Record source: Names_Fungi Added: 01 Aug 2001 Updated: 01 Aug 2001
Fungi > Basidiomycota > Agaricomycetes > Agaricales > Pleurotaceae
- Pleurotus japonicus* Kawam. 1915
Preferred name: *Omphalotus guepiniformis* (Berk.) Neda 2004
Record source: Names_Fungi Added: 23 Jul 2001 Updated: 26 Sep 2019
Fungi > Basidiomycota > Agaricomycetes > Agaricales > Pleurotaceae
- Pleurotus subapplicatus* Cleland 1927
Preferred name: *Resupinatus subapplicatus* (Cleland) Grgur. 1997
Record source: Names_Fungi Added: 25 Jun 2012
Fungi > Basidiomycota > Agaricomycetes > Agaricales > Pleurotaceae

The species marked with:  are relevant to NZ but click in the species name to open the information about the species..

3.4. Verify if the organism is present in NZ:



BIOTA of NEW ZEALAND
Names and classification of bacteria, fungi, land invertebrates and plants

Home | About | Terms of use

Search Biota of NZ...

All data Associations

Pleurotus australis Sacc. 1891

Copyright: © D. Hera
Caption: PDD 120868

Details

Name scientific: *Pleurotus australis* Sacc. 1891
Preferred name: *Pleurotus australis* Sacc. 1891
Taxonomy reference: Buchanan, P.K.; Ryvarden, L. 2000. An annotated checklist of polypore and polypore-like fungi recorded from New Zealand. *New Zealand Journal of Botany* 38(2): 285-323.

Biostatus

Origin	Occurrence	Georegion	Schema	Biostatus source	Comment
Indigenous, non-endemic	Present	New Zealand	Political Region	Anon	

Some of the species will have under 'Biostatus' the information about the Origin, Occurrence and Georegion, like **New Zealand (Political Region): Present, Indigenous, Non-endemic**

Some species don't have the Biostatus. In that case you will have to open the entire information about that species and read through. Sometimes this information is under the description, distribution or collection.