

# Aphylophoroid fungi (*Basidiomycota*) of Chile: an annotated checklist

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**ABSTRACT**—We critically reviewed the aphylophoroid fungal species recorded from Chile on the basis of literature reviews from 1828 to 2020. A total of 345 species names were distributed in the following categories: accepted taxa (236), uncertain taxa (83), taxa inferred by molecular analysis only (12), and excluded taxa (14). For each accepted species, information on the species name, its first record from Chile, the typification data, substrate, distribution, and remarks are presented. The distribution of accepted taxa shows a major recording from the Valdivian Forest province. We found that 61 (25.85%) of the accepted taxa were originally described from Chile. *Nothofagus* was the genus that hosted the highest number of fungal species.

**KEY WORDS**—aphylophorales, coralloid fungi, corticioid fungi, polypores

## Introduction

### Aphylophoroid fungi delimitation

Aphylophoroid fungi, an informal and convenient name, refers to a group of basidiomycetes with persistent fruitbodies that typically produce not-lamellate fruitbodies and holobasidia (Stalpers 1978). These fungi show a poroid, cantharelloid, clavarioid, corticioid, hydroid, or cupuloid habit with a variable hymenial surface (Buchanan 2001). The employment of macromorphological, micromorphological, and ecological features, paired with the use of a variety of chemical reagents, have permitted ready recognition of several groups within this artificial classification (Donk 1964), some of which are supported phylogenetically (Hibbett & al. 2014). Currently, Aphylophorales is a polyphyletic, highly diverse group, both phenotypically and phylogenetically (Hibbett & al. 2014), but easily recognized in the field.

### An overview of Chilean mycology

In Chile, the earliest known collection of fungi dates to 1767 and was carried out by Philibert Commerson (Garrido & al. 1985). Later, Carlo Bertero collected samples at Juan Fernández Archipelago and in central Chile (Bertero 1828, 1829), the samples being later identified by Camille Montagne (Montagne 1835, 1837, 1843) and Miles Joseph Berkeley (Berkeley 1839).

Charles Darwin collected 218 vascular plants and 14 fungi and lichens (including duplicates preserved in “spirits of wine”) between 1832 and 1835. Sixty-two of the plant species were new taxa, partly described by William Jackson Hooker. The fungal specimens collected by Darwin were identified as two species of *Cyttaria*, *C. darwinii* and *C. berteroi* described by Berkeley (Berkeley 1842), a possible *Lycoperdon* sp., *Aleurodiscus vitellinus* as deduced from Darwin’s notes (collection codified under the number 973), and *Scutellinia scutellata*. Darwin’s fungal collections are kept at Kew (Porter 1987, 1999). Montagne (1850) enumerated 448 fungi, lichens, and myxomycetes of Claude Gay’s *Historia Física y Política de Chile* (Gay 1854), including 156 new species and varieties. At the same time, Joseph L veill  also contributed to Gay’s works (L veill  1846). During the late 19<sup>th</sup> and early 20<sup>th</sup> centuries, scientific expeditions were undertaken in continental and insular Chile that resulted in the collection of fungi (Hemsley 1885, Hariot & al. 1889, Johow 1896, Bresadola 1900, Hennings 1900, Keissler 1928, Romell 1928, Sydow 1928, 1932). These expeditions were primarily natural history explorations that were botanical in nature and included fungi.

Systematic investigation of Chilean fungi was pioneered by Carlo Luigi Spegazzini (1858–1926), the Italian-born Argentinian botanist and mycologist (Spegazzini 1887a, 1887b, 1910, 1917a, 1917b, 1918, 1921, 1924). Marcial Ram n Espinosa Bustos (1874–1959) was the first Chilean mycologist who made significant contributions to the growing field of mycology in Chile (Espinosa 1917a, 1917b, 1921, 1943).

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Rolf Singer's *Mycoflora Australis* (Singer 1969), though mostly concerned with agaricoid fungi, also provided new records of aphylloroid taxa. Systematic research on wood-decay fungi in southern South America was started by Jorge E. Wright (Wright & Deschamps 1972). Waldo Lazo advanced Chilean mycology, particularly for agaricoid and clavarioid fungi (Lazo 1972). Mujica & al. (1980) compiled a 308-page compendium of hosts and substrates and all bibliographical references for Chilean fungi in *Flora fungosa chilena*. Martínez & Valenzuela (2004) compiled all records of aphylloroid fungi to date, basing their work mostly on Mujica & al. (1980); reaching a total of 142 species.

Current recent research into Chilean aphylloroid fungi was conducted by Rajchenberg and colleagues on polypore fungi (Rajchenberg 1987, 2006, Rajchenberg & Wright 1987, Rajchenberg & al. 2015, 2019). Corticioid fungi found in Chile were summarized by Gorjón & Hallenberg (2012b).

#### **Outline of Chilean biogeography**

The biogeographical arrangement within which Chile is located (the Austral kingdom or Antarctic region according to Cabrera & Willink (1980)) comprises the southern temperate areas of southern South America, South Africa, Australia, New Zealand, New Guinea, New Caledonia, and Antarctica (Morrone 2018). Moreira-Muñoz (2007) enumerates the 15 plant families endemic to the Austral kingdom: *Araucariaceae*, *Asteliaceae*, *Atherospermataceae*, *Berberidopsidaceae*, *Calceolariaceae*, *Centrolepidaceae*, *Corsiaceae*, *Cunoniaceae*, *Escalloniaceae*, *Griselinaceae*, *Luzuriagaceae*, *Nothofagaceae*, *Proteaceae*, *Restionaceae*, and *Stylidiaceae*. Some representatives of the families *Nothofagaceae*, *Atherospermataceae*, *Cunoniaceae* and *Berberidopsidaceae* are important hosts for several aphylloroid fungi from Chile. Part of the Austral kingdom, the Andean region or Andean Patagonian dominion are classified into three subregions: Subantarctic, Central Chile, and Patagonian.

The vascular flora of Chile encompasses seven floristic elements (Moreira-Muñoz 2011): Neotropical, Antitropical, Cosmopolitan, Pantropical, South Temperate, Endemic, and Australasian. The Neotropical floristic element, the most prevalent in Chile, contains genera like *Azara*, *Myrceugenia*, and *Quillaja* that have a disjointed distribution between southern Chile and south-eastern Brazil. The Antitropical floristic element contains genera disjointedly distributed between North and Central America, South America, Australasia, and Madagascar, such as *Weinmannia*. Genera found in the Cosmopolitan floristic element occupy more than two continents and more than two principal climatic zones. The Pantropical floristic element includes genera like *Beilschmiedia* and *Cryptocarya* with tropical, subtropical, and often temperate distribution. The South Temperate floristic element includes mostly coniferous genera like *Austrocedrus*, *Fitzroya*, *Pilgerodendron*, and *Saxegothaea*. The Endemic floristic element contains endemic genera of continental Chile such as *Gomortega*, *Peumus*, and *Pitavia*. The Australasian floristic element contains genera of Gondwanan origin, found in southern South America, New Zealand, Eastern Australia and/or Tasmania such as *Araucaria*, *Citronella*, *Dicksonia*, *Eucryphia*, *Fuchsia*, *Lomatia*, *Nothofagus*, and *Prumnopitys*. A classic example of the current distribution patterns of this ancestral Australasian biota is the coevolution of *Cyttaria* spp. (*Ascomycota*, *Leotiomycetes*) and *Nothofagus* spp. (Crisci & al. 1988, Peterson & al. 2010). For a detailed account about the tree species of the temperate forests of Chile and southern Argentina see Donoso Zegers (2013) and for an updated catalogue of vascular plants growing in Chile see Rodríguez & al. (2018).

The aim of this work was to critically update the list of aphylloroid fungi from Chile and to evaluate their diversity and distribution, while linking its biogeographical and ecological relevant patterns.

#### **Materials & methods**

This checklist is based on a comprehensive literature review. All aphylloroid fungi reported for Chile from 1828 until December 2020 were assembled. Nomenclature and authors' names follow Index Fungorum (Index Fungorum 2020), MycoBank (Robert & al. 2013), and the International Plant Names Index (IPNI 2020). The taxonomy of polypores follows Justo & al. (2017) and for the corticioid fungi Larsson (2007). The generic names of the flora are according to Plants of the World Online (POWO 2020). The criteria for considering fungi as aphylloroid mainly follows Donk (1964) and Kotiranta & al. (2009). When available, information on type specimens was added. Species distribution is reported by province (SIIT 2021). Biogeographic regions follow Romano (2017) who based his work mostly on Morrone (2015). The maps were made in ArcGIS 10.5 (ESRI Inc. 2016) using default parameters. All figures were edited in Inkscape 1.0.1 (The Inkscape Project 2020) and GIMP 2.10.12 (The GIMP team 2019).

Species are presented with the following information, except when superfluous or unavailable: (1) Species name, (2) First citation in Chile (name of the species when different from the one accepted in the list and/or the publication record), (3) Type specimen (collection or herbarium number of the type if taxon was described from Chile or from neighboring areas of Argentina,

(4) Substrate (taxon name and/or plant organ where it was found), (5) Distribution (recorded in provinces of Chile, from north to south), (6) Remarks, and (7) Other references that cite taxon from Chile.

Species were listed in the following categories: (1) Accepted taxa [236]: species with two or more independent records. These taxa have been studied recently by specialists. (2) Uncertain taxa [83]: species with a single record, scant documentation such as voucher specimen, or poor or uncertain taxonomic treatment. (3) Taxa inferred by molecular analysis only [12]: species that are recorded based on environmental samples by BLAST determinations (Altschul & al. 1990) and lacking vouchered specimens. (4) Excluded taxa [14]: taxa that were incorrectly described, their distribution misassigned, or inclusion within the aphylloroid fungi was not supported by available data.

## Results

In total, 236 accepted aphylloroid species were reported from Chile. They are distributed among 135 genera, 57 families, and 17 orders. 61 species (25.85%) were described from Chilean material. The most represented order was *Polyporales* with 63 spp., followed by *Hymenochaetales* (33 spp.), *Russulales* (25 spp.), *Agaricales* (21 spp.), *Cantharellales* and *Gomphales* (17 spp.). Families with the most registered taxa are *Hymenochaetaceae* (18 spp.), *Gomphaceae* (16 spp.), *Polyporaceae* (13 spp.), *Schizoporaceae* (12 spp.), and *Stereaceae* (11 spp.). The genera with the most species are *Ramaria*, *Xylodon* and *Botryobasidium* with 12, 9, and 8 species, respectively. *Aleurodiscus*, *Clavaria*, and *Hymenochaete* were represented by 6 records each.

Species numbers were distributed as follows: 125 corticioid, 52 polyporoid, 32 coralloid, 18 jelly fungi, 5 hydroid, 3 cyphelloid, and 1 gomphoid species. The host species associated with these aphylloroid fungi are presented in Table 1 (see Appendix).

A heatmap using Kernel Density Estimation and a biogeographical species distribution map is shown (Figure 1). About 45% of the records are concentrated between the Valdivia and Palena provinces whereas almost 25% are distributed throughout central Chile, from Malleco to Curicó provinces. A distributional quantitative overview is provided in Table 2 (see Appendix).

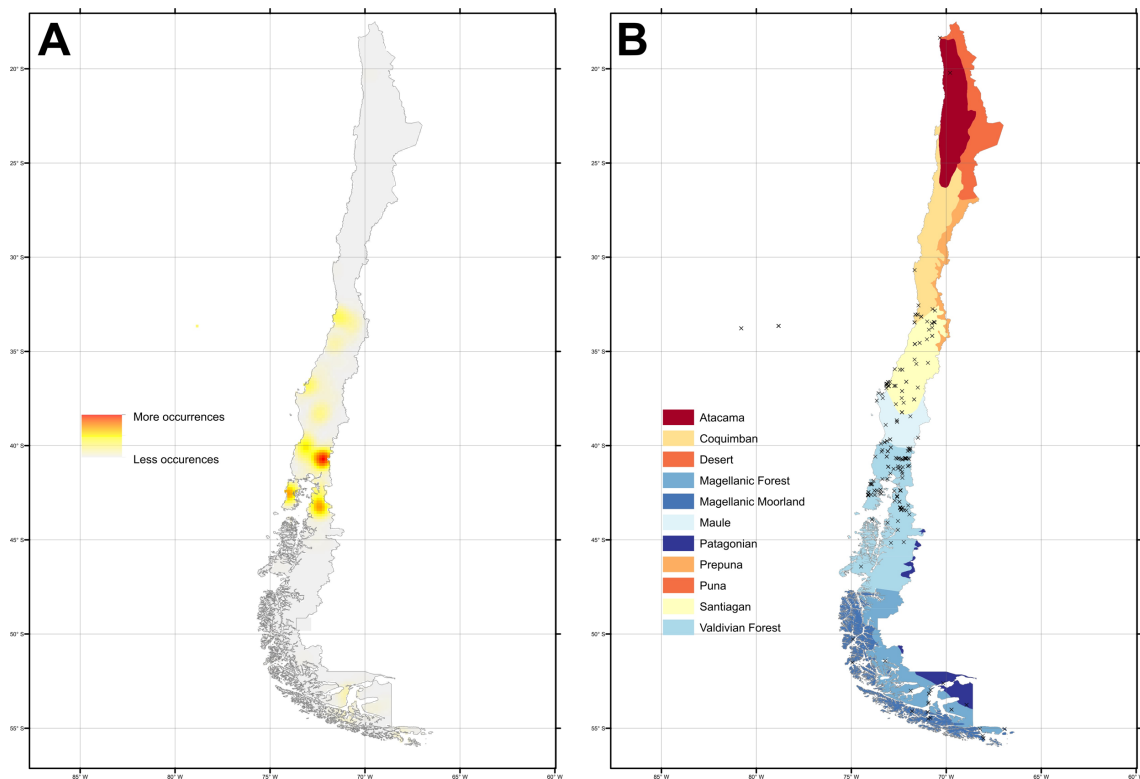


FIG. 1. Distribution patterns of Chilean aphylloroid fungi. A. Kernel Density Estimation heatmap of species occurrences. B. Map showing general distribution records by biogeographic province. Crosses indicate places where aphylloroid fungi have been recorded, when the record is accurate.

## Annotated checklist

### Accepted taxa

#### *Aleurodiscus antarcticus* (Speg.) Ryvarden

FIRST CITATION—*Corticium antarcticum* Speg. (Spegazzini 1887b).

TYPE SPECIMEN—CHILE (holotype LPS 3703).

SUBSTRATE—On decayed branches.

DISTRIBUTION—Antártica Chilena.

OTHER REFERENCES—Mujica & al. 1980, Rajchenberg 1987, Rajchenberg & Wright 1987, Lazo 1996a, Núñez & Ryvarden 1997, Martínez & Valenzuela 2004, Hjortstam & Ryvarden 2007.

#### *Aleurodiscus parmiformis* G. Cunn.

FIRST CITATION—Gorjón & Hallenberg 2012b.

TYPE SPECIMEN—NEW ZEALAND (holotype PDD 15218).

SUBSTRATE—On dead branches of *Nothofagus dombeyi*.

DISTRIBUTION—Palena.

#### *Aleurodiscus patagonicus* Nogal, Telleria, M. Dueñas & M.P. Martín

FIRST CITATION—Phookamsak & al. 2019.

TYPE SPECIMEN—CHILE (holotype MA-Fungi 90714, isotype 19609Tell).

SUBSTRATE—On unidentified wood.

DISTRIBUTION—Palena.

#### *Aleurodiscus quilae* Gorjón, Gresl. & Rajchenb.

FIRST CITATION—Gorjón & Hallenberg 2012b.

TYPE SPECIMEN—CHILE (holotype BAFC coll. S. P. Gorjón 3088, isotypes at SALA and HCFC).

SUBSTRATE—On dead stems of *Chusquea quila*.

DISTRIBUTION—Palena.

#### *Aleurodiscus trivialis* (Speg.) Greslebin

FIRST CITATION—*Corticium triviale* Speg. (Spegazzini 1887b).

TYPE SPECIMEN—CHILE (lectotype LPS 3717).

SUBSTRATE—On branches of *Nothofagus* sp.

DISTRIBUTION—Tierra del Fuego.

OTHER REFERENCES—Bresadola 1900, Mujica & al. 1980, Rajchenberg & Wright 1987, Lazo 1996a, Núñez & Ryvarden 1997, Greslebin 2002, González & Opazo 2002, Martínez & Valenzuela 2004, Hjortstam & Ryvarden 2007.

#### *Aleurodiscus vitellinus* (Lév.) Pat.

FIRST CITATION—*Exidia vitellina* Lév. (Léveillé 1844).

TYPE SPECIMEN—CHILE (type PC).

SUBSTRATE—On dead wood. On branches of *Nothofagus antarctica*, *N. dombeyi*, *N. pumilio*, *Nothofagus* sp. and *Drimys* sp.

DISTRIBUTION—Malleco, Cautín, Valdivia, Ranco, Osorno, Chiloé, Palena, Aysén, Coyhaique, Magallanes, Antártica Chilena.

OTHER REFERENCES—Montagne 1850, Gay 1854, Spegazzini 1887a, Spegazzini 1887b, Hariot & al. 1889, Lloyd 1917, Espinosa 1917b, Spegazzini 1922, Singer & al. 1965, Singer 1969, Mujica & al. 1980, Lazo 1983, Peredo 1987, Lazo 1996a, Lazo 1996b, Núñez & Ryvarden 1997, González & Opazo 2002, Greslebin 2002, Martínez & Valenzuela 2004, Hjortstam & Ryvarden 2007, Gorjón & Hallenberg 2012b, Lazo 2016, González-Ramírez & al. 2018, Barría-Díaz & al. 2019, MyCoPortal 2020, Natural History Museum, University of Oslo 2020, The Field Museum 2020.

#### *Amphinema byssoides* (Pers.) J. Erikss.

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno.

#### *Amyloathelia aspera* Hjortstam & Ryvarden

FIRST CITATION—Hjortstam & Ryvarden 1993.

TYPE SPECIMEN—CHILE (holotype BAFC 33741, M. Rajchenberg 4185, isotypes at GB and O).

SUBSTRATE—On dead branches in *Drimys winteri* and *Nothofagus* spp. forest. On dead wood of *Nothofagus dombeyi*.

DISTRIBUTION—Osorno, Palena.

OTHER REFERENCES—Hjortstam & Ryvarden 2007, Greslebin 2002, Gorjón & Hallenberg 2012b.

***Amylocorticium iaganicum*** (Speg.) Gorjón, Gresl. & Rajchenb.

FIRST CITATION—*Corticium iaganicum* Speg. (Spegazzini 1887b).

TYPE SPECIMEN—CHILE (holotype LPS 3725).

SUBSTRATE—On *Maytenus magellanica*.

DISTRIBUTION—Tierra del Fuego.

OTHER REFERENCES—Rajchenberg & Wright 1987, Gorjón & al. 2011a.

***Amylocorticium cebennense*** (Bourdot) Pouzar

FIRST CITATION—Gorjón & Hallenberg 2012b.

SUBSTRATE—On bark of *Fuchsia magellanica*. On *Araucaria araucana*.

DISTRIBUTION—Cautín, Malleco, Palena.

OTHER REFERENCES—Natural History Museum, University of Oslo 2020.

***Amyloporia xantha*** (Fr.) Bondartsev & Singer ex Bondartsev

FIRST CITATION—Guillén & al. 2011.

SUBSTRATE—On stump of *Pinus radiata*.

DISTRIBUTION—Concepción.

OTHER REFERENCES—Han & al. 2016, Acevedo & Naulin 2020.

***Arambarria cognata*** (Bres.) Rajchenb. & Pildain

FIRST CITATION—*Arambarria destruens* Rajchenb. & Pildain (Rajchenberg & al. 2015).

TYPE SPECIMEN—ARGENTINA (holotype BAFC 34575).

SUBSTRATE—On *Vitis vinifera*.

DISTRIBUTION—Santiago, Talca.

REMARKS—Also present in native woody plants in Chile.

OTHER REFERENCES—Cloete & al. 2015 (as *Fomitiporella* sp.), Pildain & al. 2017, Acevedo & Naulin 2020, Salvador-Montoya & al. 2020.

***Artomyces adrienneae*** Lickey

FIRST CITATION—Lickey & al. 2003.

TYPE SPECIMEN—CHILE (holotype TENN-F-054434).

SUBSTRATE—Most likely on *Nothofagus* sp.

DISTRIBUTION—Valdivia, Ranco, Osorno.

OTHER REFERENCES—MyCoPortal 2020.

***Artomyces nothofagi*** R.J. Kneal & M.E. Sm.

FIRST CITATION—Kneal & Smith 2015.

TYPE SPECIMEN—CHILE (holotype SGO 164746, isotype FLAS-F-58994).

SUBSTRATE—On highly decayed wood of *Nothofagus dombeyi*.

DISTRIBUTION—Aysén.

OTHER REFERENCES—MyCoPortal 2020.

***Athelia bombacina*** (Link) Pers.

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno.

***Athelia epiphylla*** Pers.

FIRST CITATION—Valdebenito & Pinto 1971.

SUBSTRATE—On *Pyrus communis*.

DISTRIBUTION—San Felipe de Aconcagua.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Athelia rolfsii*** (Curzi) C.C. Tu & Kimbr.

FIRST CITATION—*Sclerotium rolfsii* Sacc. (Auger & Esterio 1982).

SUBSTRATE—On *Dianthus caryophyllus* and *Malus domestica*.

DISTRIBUTION—Tamarugal, Cachapoal.

OTHER REFERENCES—Mosella & Verdugo 1984, Sepúlveda 1993, Martínez & Valenzuela 2004.

***Athelopsis glaucina*** (Bourdot & Galzin) Oberw. ex Parmasto

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno, Chiloé.

***Athelopsis* aff. *lembospora*** (Bourdot) Oberw.

FIRST CITATION—Gorjón & Hallenberg 2012b.

SUBSTRATE—On *Saxegothaea conspicua* and on bark of *Fuchsia magellanica* and *Luma apiculata*.

DISTRIBUTION—Osorno, Palena, Aysén.

***Aurantiporus albidus*** Rajchenb. & Cwielong

FIRST CITATION—Rajchenberg 1995b.

TYPE SPECIMEN—ARGENTINA (holotype BAFC 33339, isotype HCFC M. Rajchenberg 10696).

SUBSTRATE—On cut side of a fallen tree. On *Nothofagus* spp.

DISTRIBUTION—Llanquihue.

OTHER REFERENCES—Rajchenberg 2006, Acevedo & Naulin 2020.

***Basidiodendron caesiocinereum*** (Höhn. & Litsch.) Luck-Allen

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Bjerkandera adusta*** (Willd.) P. Karst.

FIRST CITATION—*Polyporus adustus* (Willd.) Fr. (Berkeley 1877).

SUBSTRATE—On decayed or dead branches of *Aextoxicon punctatum*, *Beilschmiedia miersii*, *Eucryphia cordifolia*, *Fitzroya cupressoides*, *Gevuina avellana*, *Laurelia sempervirens*, *Laureliopsis philippiana*, *Nothofagus dombeyi*, *N. obliqua* and *Persea lingue*. Also on *Eucalyptus nitens*, *Fraxinus excelsior* and *Liquidambar styraciflua*.

DISTRIBUTION—Valparaíso, Marga Marga, Santiago, Colchagua, Concepción, Malleco, Valdivia, Ranco, Chiloé.

OTHER REFERENCES—Espinosa 1917b, Espinosa 1928, Spegazzini 1917b, Spegazzini 1918, Lloyd 1920, Spegazzini 1921, Singer & al. 1965, Mujica & al. 1980, Lazo 1983, Lazo 1996a, Martínez & Valenzuela 2004, Rajchenberg 2006, Guillén & al. 2011, Ortiz & al. 2013, Ortiz & al. 2014b, Lazo 2016, Acevedo & Naulin 2020, Motato-Vásquez & al. 2020, Sweden's Virtual Herbarium 2020.

***Bondarzewia guaitecasensis*** (Henn.) J.E. Wright

FIRST CITATION—Hennings 1900.

TYPE SPECIMEN—CHILE (type BPI 209678).

SUBSTRATE—Root pathogen of *Nothofagus* spp.

DISTRIBUTION—Concepción, Valdivia, Llanquihue, Aysén.

OTHER REFERENCES—Lloyd 1915, Singer 1953, Singer 1964, Singer 1969, Mujica & al. 1980, Barrera 1984, Garrido & al. 1985, Lazo 1996a, Rajchenberg 2003, Valenzuela 2003, Martínez & Valenzuela 2004, Rajchenberg 2006, Guillén & al. 2011, Acevedo & Naulin 2020.

***Botryobasidium bondarcevi*** (Parmasto) G. Langer

FIRST CITATION—Gorjón & Hallenberg 2012b.

SUBSTRATE—On dead wood of *Nothofagus dombeyi*.

DISTRIBUTION—Palena.

***Botryobasidium chilense*** Hol.-Jech.

FIRST CITATION—Holubová-Jechová 1980.  
 TYPE SPECIMEN—CHILE (holotype FH).  
 SUBSTRATE—On dead and rotting wood.  
 DISTRIBUTION—Magallanes.  
 REMARKS—Teleomorph of *Haplotrichum chilense* (Linder) Hol.-Jech.  
 OTHER REFERENCES—Langer 1994, Hjortstam & Ryvarden 2007.

***Botryobasidium isabellinum*** (Fr.) D.P. Rogers

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 SUBSTRATE—On dead wood of *Nothofagus dombeyi*.  
 DISTRIBUTION—Palena.

***Botryobasidium laeve*** (J. Erikss.) Parmasto

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 DISTRIBUTION—Chiloé.

***Botryobasidium lembosporum*** (D.P. Rogers) Donk

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 DISTRIBUTION—Osorno.

***Botryobasidium obtusisporum*** J. Erikss.

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 DISTRIBUTION—Chiloé.

***Botryobasidium subcoronatum*** (Höhn. & Litsch.) Donk

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 DISTRIBUTION—Llanquihue, Chiloé.  
 OTHER REFERENCES—MyCoPortal 2020.

***Botryobasidium vagum*** (Berk. & M.A. Curtis) D.P. Rogers

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 DISTRIBUTION—Osorno.

***Brevicellicium* aff. *flavovirens*** Hjortstam

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 TYPE SPECIMEN—ARGENTINA (holotype K 80082).  
 DISTRIBUTION—Chiloé.

***Byssomerulius corium*** (Pers.) Parmasto

FIRST CITATION—*Merulius corium* (Pers.) Fr. (Léveillé 1846).  
 SUBSTRATE—On old trunks of *Luma chequen* and on *Aristotelia* sp.  
 DISTRIBUTION—Valparaíso (Juan Fernández Archipelago), Biobío.  
 OTHER REFERENCES—Montagne 1850, Berkeley 1877, Espinosa 1917b, Spegazzini 1924, Romell 1928, Mujica & al. 1980, Rajchenberg & Wright 1987, Lazo 1996a.

***Cabalodontia subcretacea*** (Litsch.) Piątek

FIRST CITATION—*Phlebia subcretacea* (Litsch.) M.P. Christ. (Gorjón & Hallenberg 2012b).  
 DISTRIBUTION—Osorno.

***Calocera cornea*** (Batsch) Fr.

FIRST CITATION—Montagne 1835.  
 SUBSTRATE—On fallen branches and dead wood. On *Nothofagus antarctica* and *N. obliqua*.  
 DISTRIBUTION—Limarí, San Antonio, Valparaíso, Malleco, Tierra del Fuego.

OTHER REFERENCES—Montagne 1850, Spegazzini 1887a, Spegazzini 1921, Romell 1928, Lazo & al. 1977, Lazo 1983, Lazo 1996a, González & Opazo 2002, Lazo 2016, Sweden's Virtual Herbarium 2020.

***Calocera filum*** Lév.

FIRST CITATION—Léveillé 1846.

TYPE SPECIMEN—CHILE.

SUBSTRATE—On fallen branches and litter.

DISTRIBUTION—Valdivia.

REMARKS—*Clavaria filum* Lév. in Montagne (1850).

OTHER REFERENCES—Montagne 1850, Mujica & al. 1980, Lazo 1996a.

***Calocera viscosa*** (Pers.) Fr. var. ***dilatata*** P. Karst.

FIRST CITATION—Spegazzini 1910.

SUBSTRATE—On fallen branches of *Peumus boldus*.

DISTRIBUTION—Limarí, Concepción.

OTHER REFERENCES—Mujica & al. 1980, González & Opazo 2002, Farr & Rossman 2020.

***Ceratellopsis graminicola*** (Bourdot & Galzin) Corner

FIRST CITATION—*Pterula graminicola* (Bourdot & Galzin) Singer (Singer 1969).

SUBSTRATE—On aerial stem of *Chusquea* sp.

DISTRIBUTION—Llanquihue.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1983, Barrera 1984, Lazo 1996a.

***Ceratobasidium cornigerum*** (Bourdot) D.P. Rogers

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno.

***Ceriporia purpurea*** (Fr.) Donk

FIRST CITATION—*Polyporus purpureus* Fr. (Romell 1928).

DISTRIBUTION—Valparaíso (Robinson Crusoe Island).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Ceriporia reticulata*** (Hoffm.) Domanski

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno, Palena.

OTHER REFERENCES—MyCoPortal 2020.

***Cerrena unicolor*** (Bull.) Murrill

FIRST CITATION—Palma & al. 2005.

SUBSTRATE—In mycangial glands of *Tremex fuscicornis*.

DISTRIBUTION—Los Andes.

***Chaetothyphula actiniceps*** (Petch) Corner

FIRST CITATION—Singer 1969.

SUBSTRATE—On dead leaves of dicotyledons.

DISTRIBUTION—Osorno.

OTHER REFERENCES—Lazo 1983, Barrera 1984, Lazo 1996a.

***Cheimonophyllum stipticoides*** (Speg.) Singer

FIRST CITATION—*Panus stipticoides* Speg. (Spegazzini 1921).

TYPE SPECIMEN—CHILE (type LPS 18239).

DISTRIBUTION—Cauquenes, Malleco.

OTHER REFERENCES—Singer 1969, Mujica & al. 1980, Barrera 1984, Lazo 1996a, Martínez & Valenzuela 2004.



***Chondrostereum purpureum*** (Pers.) PouzarFIRST CITATION—*Stereum purpureum* Pers. (Montagne 1850).SUBSTRATE—On dead and decayed branches. On *Nothofagus dombeyi*.

DISTRIBUTION—Valparaíso, Santiago, Diguillín, Malleco, Palena.

OTHER REFERENCES—Spegazzini 1887b, Hennings 1900, Espinosa 1917b, Spegazzini 1921, Lazo &amp; al. 1977, Mujica &amp; al. 1980, Lazo 1983, Lazo 1996a, Gorjón &amp; Hallenberg 2012b, Lazo 2016, Farr &amp; Rossman 2020.

***Clavaria acuta*** Sowerby

FIRST CITATION—Lazo 1971.

SUBSTRATE—On soil and decayed branches.

DISTRIBUTION—Colchagua, Cautín.

REMARKS—Determined by E. J. H. Corner.

OTHER REFERENCES—Lazo 1972, Mujica &amp; al. 1980, Lazo 1983, Lazo 1996a, Lazo 2016, MyCoPortal 2020.

***Clavaria albidobisa*** Singer

FIRST CITATION—Singer 1969.

TYPE SPECIMEN—CHILE (holotype SGO 092418, R. Singer M7814, TENN-F-040212, syntype SGO 092419).

SUBSTRATE—On litter, under *Persea lingue*.

DISTRIBUTION—Concepción.

OTHER REFERENCES—Mujica &amp; al. 1980, Barrera 1984, Lazo 1996a.

***Clavaria nigricans*** Lloyd

FIRST CITATION—Lloyd 1917.

SUBSTRATE—On soil.

DISTRIBUTION—Santiago, Colchagua.

OTHER REFERENCES—Espinosa 1917b, Corner 1950, Mujica &amp; al. 1980, Lazo 1991, Lazo 1996a, MyCoPortal 2020.

***Clavaria pulverulentorosea*** Speg.

FIRST CITATION—Spegazzini 1921.

TYPE SPECIMEN—CHILE (LPS 5776).

SUBSTRATE—On soil.

DISTRIBUTION—Malleco.

OTHER REFERENCES—Mujica &amp; al. 1980.

***Clavaria pumanquensis*** Lazo

FIRST CITATION—Lazo 1971.

TYPE SPECIMEN—CHILE (holotype NY 776274, W. Lazo PU-155).

SUBSTRATE—On soil.

DISTRIBUTION—Colchagua.

OTHER REFERENCES—Lazo 1972, Mujica &amp; al. 1980, Lazo 1983, Lazo 1996a, Lazo 2016.

***Clavaria zollingeri*** Lév.

FIRST CITATION—Lazo 1971.

SUBSTRATE—On soil.

DISTRIBUTION—Colchagua.

OTHER REFERENCES—Léveillé 1846, Lazo 1972, Mujica &amp; al. 1980, Lazo 1983, Lazo 1996a, Lazo 2016.

***Clavulina pampeana*** (Speg.) CornerFIRST CITATION—*Clavaria pampaeana* Speg. (Singer 1969).

SUBSTRATE—On decayed wood and on sandy earth.

DISTRIBUTION—Malleco, Osorno.

OTHER REFERENCES—Corner 1950, Mujica &amp; al. 1980, Lazo 1996a.

***Clavulinopsis amoena*** (Zoll. & Moritzi) Corner

FIRST CITATION—Singer 1969.

SUBSTRATE—On soil.

DISTRIBUTION—Limarí, Colchagua.

OTHER REFERENCES—Lazo 1971, Mujica & al. 1980, Lazo 1983, Barrera 1984, Lazo 1996a, Lazo 2016.

***Clavulinopsis laeticolor*** (Berk. & M.A. Curtis) R.H. Petersen

FIRST CITATION—*Clavulinopsis pulchra* (Peck) Corner (Singer 1969).

DISTRIBUTION—Ranco.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Coniophora arida*** (Fr.) P. Karst.

FIRST CITATION—*Corticium aridum* (Fr.) Sacc. (Montagne 1850).

SUBSTRATE—On branches.

DISTRIBUTION—Valdivia.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Coniophora eremophila*** Lindsey & Gilb.

FIRST CITATION—Ginns 1982.

DISTRIBUTION—Magallanes.

OTHER REFERENCES—Hjortstam & Ryvarden 2007, Gorjón & Hallenberg 2012a.

***Coniophora puteana*** (Schumach.) P. Karst.

FIRST CITATION—*Coniophora luteocincta* (Berk.) Masee (Espinosa 1917b).

SUBSTRATE—On fallen wood and lumber.

DISTRIBUTION—Valdivia, Chiloé.

OTHER REFERENCES—Sydow 1932, Lazo 1996a, Ortiz & al. 2014b.

***Coniophora submembranacea*** (Berk. & Broome) Cooke

FIRST CITATION—Gorjón & Hallenberg 2012b.

SUBSTRATE—On *Saxegothaea conspicua*.

DISTRIBUTION—Palena.

***Corticium roseum*** Pers.

FIRST CITATION—*Thelephora rosea* (Pers.) Pers. (Bertero 1828).

DISTRIBUTION—Location in Chile not given.

REMARKS—*Corticium lombardiae* (M.J. Larsen & Gilb.) Boidin & Lanq. recorded by Greslebin & Rajchenberg (2003) is the same taxon (Ghobad-Nejhad & al. 2021).

OTHER REFERENCES—Mujica & al. 1980, Greslebin & Rajchenberg 2003, Martínez & Valenzuela 2004.

***Crustoderma patricium*** (G. Cunn.) Nakasone

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Crustodontia chrysocreas*** (Berk. & M.A. Curtis) Hjortstam & Ryvarden

FIRST CITATION—*Phlebia chrysocreas* (Berk. & M.A. Curtis) Burds. (Peredo 1987).

SUBSTRATE—On *Laureliopsis philippiana* and *Nothofagus dombeyi*.

DISTRIBUTION—Valdivia, Osorno, Chiloé.

REMARKS—A causal agent of “palo podrido” also known as “huelpe”, which is partially delignified wood that is used as cattle forage.

OTHER REFERENCES—Barrasa & al. 1992, González & Opazo 2002, Gorjón & Hallenberg 2012b, Ortiz & al. 2013, Schilling & al. 2020, MyCoPortal 2020.

***Crystallicutis serpens*** (Tode) El-Gharabawy, Leal-Dutra & D.W. Griff.

FIRST CITATION—*Merulius serpens* Tode (Léveillé 1846).

SUBSTRATE—On trunk of *Weinmannia* sp.  
 DISTRIBUTION—Location in Chile not given.  
 OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, González & Opazo 2002.

***Cyanosporus caesi*** (Schr.) McGinty

FIRST CITATION—*Postia caesia* (Schr.) P. Karst. (Rajchenberg 1993).  
 SUBSTRATE—On *Drimys winteri*, *Nothofagus nitida* and *Saxegothaea conspicua*.  
 DISTRIBUTION—Ranco, Osorno, Llanquihue.  
 OTHER REFERENCES—Shen & al. 2019, Acevedo & Naulin 2020, MyCoPortal 2020.

***Cylindrobasidium laeve*** (Pers.) Chamuris

FIRST CITATION—*Corticium laeve* Pers. (Hariot & al. 1889).  
 SUBSTRATE—On trunks of *Chusquea quila* and *Nothofagus* sp.  
 DISTRIBUTION—Osorno, Chiloé, Palena, Antártica Chilena.  
 OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004, Gorjón & Hallenberg 2012b, Sweden's Virtual Herbarium 2020.

***Dacrymyces stillatus*** Nees

FIRST CITATION—*Dacrymyces deliquescens* (Bull.) Duby (Spegazzini 1887b).  
 DISTRIBUTION—Marga Marga, Malleco, Antártica Chilena.  
 OTHER REFERENCES—Spegazzini 1921, Lazo 1996a.

***Dacryopinax spathularia*** (Schwein.) G.W. Martin

FIRST CITATION—Lazo 1971.  
 SUBSTRATE—On wood.  
 DISTRIBUTION—Colchagua.  
 REMARKS—Determined by G. W. Martin (Lazo 1971).  
 OTHER REFERENCES—Mujica & al. 1980, Lazo 1983, Lazo 1996a, Lazo 2016.

***Dendrothele incrustans*** (P.A. Lemke) P.A. Lemke

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 DISTRIBUTION—Chiloé.

***Dendrothele lemkei*** Gresl. & Rajchenb.

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 TYPE SPECIMEN—ARGENTINA (holotype BAFC 34520).  
 DISTRIBUTION—Chiloé.  
 OTHER REFERENCES—Greslebin & Rajchenberg 1998.

***Dentipellicula leptodon*** (Mont.) Y.C. Dai & L.W. Zhou

FIRST CITATION—*Hydnum leptodon* Mont. (Montagne 1843).  
 TYPE SPECIMEN—CHILE (isotype K 160373).  
 SUBSTRATE—On dead wood.  
 DISTRIBUTION—Valparaíso (Juan Fernández Archipelago).  
 OTHER REFERENCES—Montagne 1850, Hemsley 1885, Johow 1896, Maas Geesteranus 1974, Mujica & al. 1980, Lazo 1996a, Hjortstam & Ryvarden 2007, Nakasone 2008, Nakasone 2012, Gorjón & Hallenberg 2012a, Zhou & Dai 2013.

***Dichostereum rhodosporum*** (Wakef.) Boidin & Lanq.

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 SUBSTRATE—On *Nothofagus dombeyi*.  
 DISTRIBUTION—Chiloé, Palena.

***Ductifera pululahuana*** (Pat.) Donk

FIRST CITATION—*Ductifera millei* Lloyd (Lazo 1971).

SUBSTRATE—On dead wood.  
DISTRIBUTION—Colchagua.  
REMARKS—Determined by G. W. Martin.  
OTHER REFERENCES—Mujica & al. 1980, Lazo 2016.

***Emmia latemarginata*** (Durieu & Mont.) Zmitr., Spirin & Malysheva

FIRST CITATION—*Poria geoderma* Speg. (Spegazzini 1921).  
SUBSTRATE—At the base of trees.  
DISTRIBUTION—Marga Marga.  
OTHER REFERENCES—Mujica & al. 1980, Rajchenberg & Wright 1987, Lazo 1996a, Martínez & Valenzuela 2004, Miettinen & al. 2016, Justo & al. 2017, Acevedo & Naulin 2020.

***Exidia fuliginea*** Mont.

FIRST CITATION—Montagne 1850.  
TYPE SPECIMEN—CHILE (PC).  
DISTRIBUTION—Cachapoal.  
OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Exidia glandulosa*** (Bull.) Fr.

FIRST CITATION—Spegazzini 1917b.  
SUBSTRATE—On fallen dead branches of *Quillaja saponaria*.  
DISTRIBUTION—Marga Marga.  
OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, González & Opazo 2002.

***Exidia rubra*** E. Bommer & M. Rousseau

FIRST CITATION—Bommer & Rousseau 1900.  
TYPE SPECIMEN—CHILE (n° 85)  
DISTRIBUTION—Magallanes.  
OTHER REFERENCES—Bommer & Rousseau (1905), Mujica & al. 1980.

***Exidiopsis calcea*** (Pers.) K. Wells

FIRST CITATION—*Corticium calceum* (Pers.) Fr. (Spegazzini 1887b).  
SUBSTRATE—On decayed branches of *Berberis* sp. and *Fuchsia* sp.  
DISTRIBUTION—Valdivia, Magallanes.  
OTHER REFERENCES—Spegazzini 1910, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Exobasidium antarcticum*** Speg.

FIRST CITATION—Spegazzini 1887a.  
TYPE SPECIMEN—CHILE (LPS 1445).  
SUBSTRATE—On *Lebetanthus myrsinites*.  
DISTRIBUTION—Tierra del Fuego.  
OTHER REFERENCES—Spegazzini 1887b, Mujica & al. 1980, Lazo 1996a.

***Exobasidium japonicum*** Shirai

FIRST CITATION—Mujica & al. 1980.  
SUBSTRATE—On *Rhododendron indicum*.  
DISTRIBUTION—Valdivia.  
OTHER REFERENCES—Lazo 1996a.

***Exobasidium rhododendri*** (Fuckel) C.E. Cramer

FIRST CITATION—Mujica & al. 1980.  
SUBSTRATE—On *Rhododendron* sp.  
DISTRIBUTION—Valdivia.  
OTHER REFERENCES—Lazo 1996a.

***Fibroporia gossypium*** (Speg.) Parmasto

FIRST CITATION—Rajchenberg 1982a.

SUBSTRATE—On *Pinus radiata*.

DISTRIBUTION—Biobío.

OTHER REFERENCES—Rajchenberg &amp; Wright 1987, Rajchenberg 1989.

***Fibroporia vaillantii*** (DC.) ParmastoFIRST CITATION—*Polyporus vaporarius* (Pers.) Fr. (Léveillé 1846).SUBSTRATE—On dead wood. On *Berberis ilicifolia*. On bark of *Nothofagus* sp. On dead branches of *Persea lingue*.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Valdivia, Magallanes, Antártica Chilena.

OTHER REFERENCES—Montagne 1850, Hemsley 1885, Spegazzini 1887a, Spegazzini 1887b, Hariot &amp; al. 1889, Johow 1896, Spegazzini 1910, Mujica &amp; al. 1980, González &amp; Opazo 2002, Martínez &amp; Valenzuela 2004, Acevedo &amp; Naulin 2020.

***Fistulina antarctica*** Speg.

FIRST CITATION—Spegazzini 1887a.

TYPE SPECIMEN—CHILE (type LPS 24915).

SUBSTRATE—On *Nothofagus antarctica* and *N. betuloides*.

DISTRIBUTION—Cautín, Valdivia, Chiloé, Aysén, Magallanes.

OTHER REFERENCES—Spegazzini 1887b, Hariot &amp; al. 1889, Spegazzini 1922, Singer 1969, Mujica &amp; al. 1980, Rajchenberg &amp; Wright 1987, Lazo 1996a, González &amp; Opazo 2002, Valenzuela 2003, Bodensteiner &amp; al. 2004, Rajchenberg 2006, Barría-Díaz &amp; al. 2019, Acevedo &amp; Naulin 2020, The New York Botanical Garden 2020, MyCoPortal 2020.

***Fistulina endoxantha*** Speg.

FIRST CITATION—Spegazzini 1918.

TYPE SPECIMEN—CHILE (type LPS 24916).

SUBSTRATE—On decayed branches. On *Nothofagus alpina* and *N. obliqua*.

DISTRIBUTION—Malleco, Ranco.

OTHER REFERENCES—Spegazzini 1921, Singer 1969, Mujica &amp; al. 1980, Barrera 1984, Rajchenberg &amp; Wright 1987, Lazo 1996a, González &amp; Opazo 2002, Rajchenberg 2006.

***Fomitiporella umbrinella*** (Bres.) MurrillFIRST CITATION—*Poria inermis* Ellis & Everh. (Espinosa 1917b).SUBSTRATE—On *Drimys winteri*, *Eucryphia cordifolia* and *Metrosiderus stipularis*.

DISTRIBUTION—Marga Marga, Valparaíso (Robinson Crusoe Island), Osorno, Chiloé.

REMARKS—A frequent taxon that is often misidentified. Pildain & al. (2018) showed its conspecificity with *F. americana* Y.C. Dai, X.H. Ji & Vlasák, whereas Salvador-Montoya & al. (2020) showed all of them to be *F. umbrinella*.

OTHER REFERENCES—Romell 1928, Mujica &amp; al. 1980, Rajchenberg 1987, Rajchenberg 1989, Rajchenberg 1995c, Lazo 1996a, Martínez &amp; Valenzuela 2004, Rajchenberg 2006, Rajchenberg &amp; al. 2015, Pildain &amp; al. 2018, Acevedo &amp; Naulin 2020, Salvador-Montoya &amp; al. 2020, Sweden's Virtual Herbarium 2020.

***Fomitiporia chilensis*** Rajchenb. & Pildain

FIRST CITATION—Rajchenberg &amp; al. 2019.

TYPE SPECIMEN—CHILE (holotype BAFC 52942, isotype M. Rajchenberg 12557).

SUBSTRATE—On *Cryptocarya alba*, *Lithraea caustica* and *Peumus boldus*.

DISTRIBUTION—Concepción, Arauco.

OTHER REFERENCES—Acevedo &amp; Naulin 2020.

***Fuscoporia ferruginosa*** (Schrad.) MurrillFIRST CITATION—*Poria ferruginosa* (Schrad.) P. Karst. (Spegazzini 1917b).SUBSTRATE—On dead branches of *Drimys winteri*.

DISTRIBUTION—Marga Marga.

OTHER REFERENCES—Mujica &amp; al. 1980, Lazo 1996a, González &amp; Opazo 2002, Martínez &amp; Valenzuela 2004, Acevedo &amp; Naulin 2020.

***Fuscoporia rhabarbarina*** (Berk.) Groposo, Log.-Leite & Góes-Neto

FIRST CITATION—*Fomes rhabarbarinus* (Berk.) Sacc. (Spegazzini 1917b).

SUBSTRATE—On trunks of *Cryptocarya alba*.

DISTRIBUTION—Marga Marga.

OTHER REFERENCES—Espinosa 1921, Mujica & al. 1980, Rajchenberg 1987, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Fuscoporia senex*** (Nees & Mont.) Ghob.-Nehj.

FIRST CITATION—*Polyporus senex* Nees & Mont. (Nees von Esenbeck & Montagne 1836).

TYPE SPECIMEN—CHILE (holotype S F15572).

SUBSTRATE—On dead trunks. On living trunks of *Blepharocalyx cruckshanksii*, *Metrosideros stipularis*, *Nothofagus dombeyi*, *Saxegothea conspicua* and *Myrtaceae*.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Llanquihue, Aysén.

OTHER REFERENCES—Nees von Esenbeck & Montagne 1836, Montagne 1850, Philippi 1869, Hemsley 1885, Johow 1896, Gotschlich 1913, Lloyd 1915, Espinosa 1917b, Espinosa 1921, Romell 1928, Espinosa 1943, Mujica & al. 1980, Ryvarden 1982, Rajchenberg 1995c, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004, Rajchenberg 2006, Rajchenberg & al. 2015, Acevedo & Naulin 2020.

***Ganoderma australe*** (Fr.) Pat.

FIRST CITATION—*Polyporus australis* Fr. (Montagne 1850).

SUBSTRATE—On old trunks. On *Aextoxicon punctatum*, *Aristotelia chilensis*, *Cryptocarya alba*, *Eucryphia cordifolia*, *Myrceugenia fernandeziana*, *Nothofagus obliqua* and *Persea lingue*. Also on *Eucalyptus nitens*, *Prunus armeniaca*, *Robinia pseudoacacia*.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), San Antonio, Santiago, Concepción, Biobío, Malleco, Valdivia, Osorno, Chiloé, Magallanes, Antártica Chilena.

OTHER REFERENCES—Berkeley 1877, Spegazzini 1887a, Hariot & al. 1889, Johow 1896, Spegazzini 1910, Gotschlich 1913, Spegazzini 1917b, Spegazzini 1918, Espinosa 1921, Romell 1928, Lazo & al. 1977, Mujica & al. 1980, Lazo 1983, Martínez & al. 1991, Lazo 1996a, Gottlieb & al. 1998, Lazo 1998, Moncalvo 2000, González & Opazo 2002, Martínez & Valenzuela 2004, Rajchenberg 2006, Moncalvo & Buchanan 2008, Guillén & al. 2011, Lazo 2016, Barría-Díaz & al. 2019, Tchochet Tchoumi & al. 2019, Acevedo & Naulin 2020, The New York Botanical Garden 2020.

***Gloeocystidiellum kenyense*** Hjortstam

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Gloeocystidiellum rajchenbergii*** Gorjón & Hallenb.

FIRST CITATION—Gorjón & Hallenberg 2012a.

TYPE SPECIMEN—CHILE (holotype GB 0185102, N. Hallenberg 16358, isotype HCFC, CONC-F).

SUBSTRATE—On *Caldcluvia paniculata*.

DISTRIBUTION—Chiloé, Palena.

OTHER REFERENCES—Gorjón & Hallenberg 2012b.

***Gloeophyllum abietinum*** (Bull.) P. Karst.

FIRST CITATION—Guillén & al. 2011.

SUBSTRATE—On pole of *Cupressus* sp.

DISTRIBUTION—Biobío.

OTHER REFERENCES—Acevedo & Naulin 2020.

***Gloeophyllum protractum*** (Fr.) Imazeki

FIRST CITATION—Guillén & al. 2011.

SUBSTRATE—On trunk of *Pinus radiata*.

DISTRIBUTION—Concepción.

OTHER REFERENCES—Acevedo & Naulin 2020.

***Gloeophyllum trabeum*** (Pers.) MurrillFIRST CITATION—*Trametes trabea* G. H. Oth (Espinosa 1917b).

DISTRIBUTION—Location in Chile not given.

OTHER REFERENCES—Mujica &amp; al. 1980, Martínez &amp; Valenzuela 2004, Acevedo &amp; Naulin 2020.

***Gloeoporus dichrous*** (Fr.) Bres.FIRST CITATION—*Polyporus dichrous* Fr. (Espinosa 1917b).

SUBSTRATE—On decayed trunks.

DISTRIBUTION—Osorno, Chiloé.

OTHER REFERENCES—Sydow 1928, Mujica &amp; al. 1980, Lazo 1996a, Martínez &amp; Valenzuela 2004, Rajchenberg 2006, Sweden's Virtual Herbarium 2020.

***Gloiothete lactescens*** (Berk.) Hjortstam

FIRST CITATION—Gorjón &amp; Hallenberg 2012b.

DISTRIBUTION—Osorno.

***Gomphus nothofagorum*** Singer

FIRST CITATION—Singer 1968.

TYPE SPECIMEN—CHILE (type SGO 092562, R. Singer M6776).

SUBSTRATE—Associated with *Nothofagus alpina* and *N. dombeyi*.

DISTRIBUTION—Ranco.

OTHER REFERENCES—Singer 1969, Barrera 1984, Garrido 1988.

***Grifola gargal*** Singer

FIRST CITATION—Singer 1969.

TYPE SPECIMEN—CHILE (type SGO 092562, R. Singer M6934).

SUBSTRATE—On trunks and branches of *Nothofagus obliqua*.

DISTRIBUTION—Diguillín, Cautín, Valdivia, Ranco, Llanquihue, Chiloé, Aysén.

REMARKS—Gotschlich (1913) mentions "galgal" as one of the best-known edible species in Valdivia and Llanquihue.

OTHER REFERENCES—Philippi 1893, Gotschlich 1913, Mujica &amp; al. 1980, Lazo 1983, Barrera 1984, Lazo 1996a, Lazo 2000, Rajchenberg 2002, Valenzuela 2003, Rajchenberg 2006, Harada &amp; al. 2010, Lazo 2016, MyCoPortal 2020.

***Grifola sordulenta*** (Mont.) SingerFIRST CITATION—*Polyporus sordulentus* Mont. (Montagne 1850).

TYPE SPECIMEN—CHILE (isotype BPI 220949).

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Valdivia.

OTHER REFERENCES—Lloyd 1910, Gotschlich 1913, Singer 1961, Singer 1969, Mujica &amp; al. 1980, Ryvardeen 1982, Lazo 1996a, Rajchenberg 2002, Martínez &amp; Valenzuela 2004, Rajchenberg 2006, Acevedo &amp; Naulin 2020.

***Guepinia crassipes*** Mont.

FIRST CITATION—Montagne 1850.

TYPE SPECIMEN—CHILE (type MNHN-PC-FUSION84277)

SUBSTRATE—On dead wood.

DISTRIBUTION—Valdivia.

OTHER REFERENCES—Mujica &amp; al. 1980, Lazo 1996a.

***Guepiniopsis alpina*** (Tracy & Earle) Brasf.

FIRST CITATION—Lazo 1971.

SUBSTRATE—On dead wood.

DISTRIBUTION—Malleco.

REMARKS—Determined by G. W. Martin.

OTHER REFERENCES—Mujica &amp; al. 1980, Lazo 1996a, Lazo 2016.

***Hericum clathroides*** (Pall.) Pers.

FIRST CITATION—Lazo 1971.

SUBSTRATE—On living and dead trees.

DISTRIBUTION—Valparaíso.

REMARKS—Determined by R. A. Maas Geesteranus.

OTHER REFERENCES—Lazo & al. 1977, Mujica & al. 1980, Lazo 1983, Lazo 1996a, Lazo 2016.

***Hericum coralloides*** (Scop.) Pers.

FIRST CITATION—*Hydnum coralloides* Scop. (Montagne 1835).

SUBSTRATE—On decayed trunks.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Concepción (M. Rajchenberg pers. obs.).

OTHER REFERENCES—Montagne 1850, Hemsley 1885, Johow 1896, Singer 1969.

***Heterochaete delicata*** Bres.

FIRST CITATION—Sydow 1932.

SUBSTRATE—On decayed branches.

DISTRIBUTION—Palena.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Hirneola antarctica*** Speg.

FIRST CITATION—Spegazzini 1887a.

TYPE SPECIMEN—CHILE (type LPS 21847).

SUBSTRATE—On trunks of *Berberis ilicifolia*. On dead branches of *Nothofagus antarctica*.

DISTRIBUTION—Magallanes.

OTHER REFERENCES—Spegazzini 1887b, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Hydnodon thelephorus*** (Lév.) Banker

FIRST CITATION—*Hydnum thelephorum* Lév. (Léveillé 1844).

SUBSTRATE—On soil.

DISTRIBUTION—Location in Chile not given.

OTHER REFERENCES—Montagne 1850, Mujica & al. 1980, Lazo 1996a, Hjortstam & Ryvarden 2007.

***Hydnoporia tabacina*** (Sowerby) Spirin, Miettinen & K.H. Larss.

FIRST CITATION—*Thelephora tabacina* (Sowerby) Fr. (Léveillé 1846).

SUBSTRATE—On dead trunks and branches of *Drimys winteri*.

DISTRIBUTION—Marga Marga, Valparaíso (Alejandro Selkirk Island).

OTHER REFERENCES—Léveillé 1846, Montagne 1850, Spegazzini 1917a, Spegazzini 1917b, Romell 1928, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Hymenochaete berteroi*** Pat.

FIRST CITATION—*Thelephora tabacina* (Sowerby) Fr. var. *australis* Mont. (Montagne 1835).

TYPE SPECIMEN—CHILE (type MNHN-PC-FUSION85770).

SUBSTRATE—On dead wood.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island).

OTHER REFERENCES—Montagne 1850, Hemsley 1885, Johow 1896, Mujica & al. 1980, Léger 1998.

***Hymenochaete* aff. *jobii*** Parmasto

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno, Chiloé.

OTHER REFERENCES—MyCoPortal 2020.

***Hymenochaete microcycla*** (Zipp. ex Lév.) Spirin & Miettinen

FIRST CITATION—*Polyporus tabacinus* Mont. (Montagne 1835).



TYPE SPECIMEN—CHILE (possible type NY 731017).

SUBSTRATE—On decayed wood. On dead trunks of *Ovidia andina*.

DISTRIBUTION—Malleco, Llanquihue, Chiloé.

REMARKS—*Hymenochaete microcycla* according to Miettinen & al. (2019).

OTHER REFERENCES—Montagne 1850, Gay 1854, Lloyd 1910, Gotschlich 1913, Spegazzini 1917a, Espinosa 1917b, Spegazzini 1921, Sydow 1928, Mujica & al. 1980, Ryvarden 1982, Rajchenberg 1987, Lazo 1996a, Martínez & Valenzuela 2004, Rajchenberg 2006, Miettinen & al. 2019, Acevedo & Naulin 2020, MyCoPortal 2020.

***Hymenochaete resupinata*** (Sw.) Parmasto

FIRST CITATION—*Dichochoaete setosa* (Sw.) Parmasto (Parmasto 2010).

DISTRIBUTION—Location in Chile not given.

OTHER REFERENCES—Parmasto & al. 2014.

***Hymenochaete rubiginosa*** (Dicks.) Lév.

FIRST CITATION—*Stereum rubiginosum* Fr. (Montagne 1850).

SUBSTRATE—On bark and branches of *Nothofagus obliqua* and *Persea lingue*.

DISTRIBUTION—Cachapoal, Concepción, Malleco, Valdivia.

OTHER REFERENCES—Spegazzini 1910, Spegazzini 1921, Mujica & al. 1980, Lazo 1996a, González & Opazo 2002.

***Hymenochaete tenuissima*** Berk.

FIRST CITATION—Bresadola 1900.

SUBSTRATE—On decayed trunks. On branches of *Nothofagus antarctica*.

DISTRIBUTION—Arauco, Aysén, Magallanes.

OTHER REFERENCES—Hennings 1900, Espinosa 1917b, Mujica & al. 1980, Lazo 1996a.

***Hyphoderma obtusum*** J. Erikss.

FIRST CITATION—Gorjón & Hallenberg 2012b.

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Palena.

***Hyphoderma roseocremeum*** (Bres.) Donk

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Hyphoderma setigerum*** (Fr.) Donk

FIRST CITATION—Gorjón & Hallenberg 2012b.

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Palena.

***Hyphodontia alutaria*** (Burt) J. Erikss.

FIRST CITATION—Gorjón & Hallenberg 2012b.

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Osorno, Chiloé.

OTHER REFERENCES—Riebesehl & Langer 2017.

***Hyphodontia arguta*** (Fr.) J. Erikss.

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Osorno, Chiloé, Palena.

OTHER REFERENCES—Riebesehl & Langer 2017, Sweden's Virtual Herbarium 2020.

***Hypochniciellum ovoideum*** (Jülich) Hjortstam & Ryvarden

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Hypochnicium huinayense*** Tellería, M. Dueñas & M.P. Martín

FIRST CITATION—Crous & al. 2013.  
TYPE SPECIMEN—CHILE (holotype MA-Fungi 86742).  
SUBSTRATE—On *Eucryphia cordifolia*.  
DISTRIBUTION—Palena.

***Hypochnicium patagonicum*** Gorjón & Hallenb.

FIRST CITATION—Gorjón & Hallenberg 2012a.  
TYPE SPECIMEN—CHILE (holotype SALA-FUNGI 4192-1, S. P. Gorjón 3102, isotype GB, HCFC).  
SUBSTRATE—On *Nothofagus dombeyi*.  
DISTRIBUTION—Palena.  
OTHER REFERENCES—Gorjón & Hallenberg 2012b.

***Inonotus rickii*** (Pat.) D.A. Reid

FIRST CITATION—*Ptychogaster cubensis* Pat. (Gottlieb & al. 2002).  
SUBSTRATE—On *Schinus molle*.  
DISTRIBUTION—Arica.  
OTHER REFERENCES—Sepúlveda & al. 2016.

***Kurtia argillacea*** (Bres.) Karasiński

FIRST CITATION—*Hyphoderma argillaceum* (Bres.) Donk (Gorjón & Hallenberg 2012b).  
SUBSTRATE—On *Nothofagus dombeyi*.  
DISTRIBUTION—Osorno, Chiloé, Palena.

***Laetiporus portentosus*** (Berk.) Rajchenb.

FIRST CITATION—Rajchenberg 1995a.  
SUBSTRATE—On standing *Nothofagus dombeyi* and *Nothofagus pumilio*.  
DISTRIBUTION—Talca, Diguillín, Osorno.  
OTHER REFERENCES—Rajchenberg 2006, Lindner & Banik 2008.

***Laetisaria fuciformis*** (Berk.) Burds.

FIRST CITATION—Palfner & al. 2010.  
SUBSTRATE—On dry necrotic leaves of *Lolium* sp.  
DISTRIBUTION—Cautín.

***Laetisaria nothofagicola*** (Diederich & Lawrey) Diederich, Lawrey & Ghobad-Nejhad

FIRST CITATION—*Marchandiomyces nothofagicola* Diederich & Lawrey (Diederich & Lawrey 2007)  
TYPE SPECIMEN—CHILE (holotype NY 892290).  
SUBSTRATE—On decorticated trunk of *Nothofagus* sp.  
DISTRIBUTION—Antártica Chilena.  
OTHER REFERENCES—Diederich & al. 2018.

***Lentaria surculus*** (Berk.) Corner

FIRST CITATION—Singer 1969.  
SUBSTRATE—On wood of *Eucryphia* sp.  
DISTRIBUTION—Ranco.  
OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, González & Opazo 2002.

***Leptocorticium tenellum*** Nakasone

FIRST CITATION—Hallenberg 2012.  
SUBSTRATE—On *Bambusoideae*.  
DISTRIBUTION—Osorno.  
OTHER REFERENCES—Gorjón & Hallenberg 2012b.

***Lyomyces sambuci*** (Pers.) P. Karst.FIRST CITATION—*Hyphodontia sambuci* (Pers.) J. Erikss. (Gorjón & Hallenberg 2012b).

DISTRIBUTION—Osorno.

OTHER REFERENCES—Riebesehl &amp; Langer 2017, Riebesehl &amp; al. 2019.

***Macrohyporia dictyopora*** (Cooke) I. Johans. & Ryvardeen

FIRST CITATION—Rajchenberg 2006.

DISTRIBUTION—Ranco, Palena (M. Rajchenberg pers. obs.).

***Multiclavula delicata*** (Fr.) R.H. PetersenFIRST CITATION—*Clavaria delicata* (Fr.) Fr. (Spegazzini 1887b).SUBSTRATE—On decayed trunks of *Nothofagus*.

DISTRIBUTION—Magallanes.

OTHER REFERENCES—Mujica &amp; al. 1980, Lazo 1996a.

***Myxarium nucleatum*** Wallr.FIRST CITATION—*Exidia nucleata* (Schwein.) Burt (Lazo 1971).

SUBSTRATE—On decayed wood.

DISTRIBUTION—Chiloé.

REMARKS—Determined by B. Lowy.

OTHER REFERENCES—Mujica &amp; al. 1980, Lazo 1983, Lazo 1996a, Lazo 2016.

***Neodictyopus dictyopus*** (Mont.) Palacio, Robledo & Drechsler-SantosFIRST CITATION—*Polyporus dictyopus* Mont. (Montagne 1835).

TYPE SPECIMEN—CHILE (holotype BPI 207664).

SUBSTRATE—On dead trunks. On *Aextoxicon punctatum*.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Ranco, Llanquihue.

OTHER REFERENCES—Montagne 1850, Hemsley 1885, Johow 1896, Gotschlich 1913, Singer 1969, Mujica &amp; al. 1980, Garrido &amp; al. 1985, Garrido 1988, Gamundí &amp; Horak 1993, Lazo 1996a, Martínez &amp; Valenzuela 2004, Palacio &amp; al. 2017, Acevedo &amp; Naulin 2020, MyCoPortal 2020.

***Neolentiporus maculatissimus*** (Lloyd) Rajchenb.FIRST CITATION—*Polyporus maculatissimus* Lloyd (Singer & al. 1965).SUBSTRATE—On fallen *Nothofagus dombeyi*.

DISTRIBUTION—Ranco, Palena, Aysén, Coyhaique.

OTHER REFERENCES—Mujica &amp; al. 1980, Rajchenberg 1995a, Lazo 1996a, Martínez &amp; Valenzuela 2004, Acevedo &amp; Naulin 2020, MyCoPortal 2020.

***Nothocorticium patagonicum*** Gresl. & Rajchenb.

FIRST CITATION—Gorjón &amp; Hallenberg 2012b.

TYPE SPECIMEN—ARGENTINA (holotype BAFC 34525).

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Palena.

OTHER REFERENCES—Greslebin &amp; Rajchenberg 1999.

***Nothophellinus andinopatagonicus*** (J.E. Wright & J.R. Deschamps) Rajchenb. & PildainFIRST CITATION—As *Polyporus rhabarbarinus* Berk. (Wright & Deschamps 1972).

TYPE SPECIMEN—ARGENTINA (holotype BAFC 22507).

SUBSTRATE—On *Nothofagus pumilio*.

DISTRIBUTION—Última Esperanza, Tierra del Fuego.

OTHER REFERENCES—González &amp; Opazo 2002, Rajchenberg 2006, Rajchenberg &amp; al. 2015, Acevedo &amp; Naulin 2020, MyCoPortal 2020.

***Obba valdiviana*** (Rajchenb.) Miettinen & Rajchenb.

FIRST CITATION—*Ceriporiopsis rivulosa* (Berk. & M.A. Curtis) Gilb. & Ryvarden var. *valdiviana* Rajchenb. (Rajchenberg 1995c).

TYPE SPECIMEN—ARGENTINA (holotype BAFC 33238, isotype M. Rajchenberg 10736).

SUBSTRATE—In forest of *Aextoxicon punctatum*, *Eucryphia cordifolia*, *Laureliopsis philippiana* and *Nothofagus obliqua*.

DISTRIBUTION—Ranco, Osorno.

OTHER REFERENCES—Rajchenberg 2006, Miettinen & Rajchenberg 2012, Justo & al. 2017, Acevedo & Naulin 2020.

***Oliveonia fibrillosa*** (Burt) Donk

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno.

***Peniophora lycii*** (Pers.) Höhn. & Litsch.

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Peniophorella pallida*** (Bres.) K.H. Larss.

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Peniophorella pertenuis*** (P. Karst.) Hallenb. & R.H. Nilsson

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

OTHER REFERENCES—Ortiz & al. 2014b, Schilling & al. 2020.

***Phaeoclavulina campoi*** (Speg.) Giachini

FIRST CITATION—*Clavaria campoi* Speg. (Spegazzini 1921).

TYPE SPECIMEN—CHILE (type LPS 39622).

SUBSTRATE—On soil.

DISTRIBUTION—Malleco.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Giachini & Castellano 2011.

***Phaeoclavulina ochracea*** (Bres.) Giachini

FIRST CITATION—*Ramaria flaccida* (Fr.) Bourdot var. *chilensis* Lazo (Lazo 1971).

SUBSTRATE—On soil.

DISTRIBUTION—Valparaíso.

OTHER REFERENCES—Lazo 1972, Lazo & al. 1977, Mujica & al. 1980, Lazo 1983, Lazo 1996a, Lazo 1996b, Giachini & Castellano 2011, Lazo 2016.

***Phaeoclavulina zippelii*** (Lév.) Overeem

FIRST CITATION—*Ramaria zippelii* (Lév.) Corner (Singer & al. 1965).

SUBSTRATE—On wood, under *Nothofagus* sp.

DISTRIBUTION—Ranco.

OTHER REFERENCES—Mujica & al. 1980, Garrido 1988, Lazo 1996.

***Phanerochaete australosanguinea*** Tellería, M. Dueñas & M.P. Martín

FIRST CITATION—Phookamsak & al. 2019.

TYPE SPECIMEN—CHILE (holotype MA-Fungi 91309, isotype M. Tellería 20102Tell).

SUBSTRATE—On unidentified wood.

DISTRIBUTION—Palena.

REMARKS—Probably previously reported as *Phanerochaete sanguinea* (Fr.) Pouzar from the Patagonian Andes forest of Southern Argentina by Greslebin & Rajchenberg (2003).

***Phanerochaete sordida*** (P. Karst.) J. Erikss. & Ryvarden

FIRST CITATION—Gorjón & Hallenberg 2012b.

SUBSTRATE—On lumber.  
 DISTRIBUTION—Tamarugal, Osorno, Chiloé, Palena.  
 OTHER REFERENCES—Ortiz & al. 2013, Ortiz & al. 2014a.

***Phanerochaete velutina*** (DC.) P. Karst.

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 SUBSTRATE—On *Nothofagus dombeyi*.  
 DISTRIBUTION—Osorno, Palena.

***Phellinus livescens*** (Speg.) Rajchenb.

FIRST CITATION—*Fomes livescens* Speg. (Rajchenberg 1987).  
 TYPE SPECIMEN—CHILE (holotype LPS 24921, type BPI 231601).  
 DISTRIBUTION—Arauco, Malleco, Palena (M. Rajchenberg pers. obs.), Magallanes.  
 REMARKS—Synonym of *Phellinus igniarius* var. *resupinatus* Bres. in Wright & Deschamps (1972) according to Rajchenberg & Wright (1987).  
 OTHER REFERENCES—Wright & Deschamps 1972, Rajchenberg & Wright 1987, Rajchenberg 2006, Rajchenberg & al. 2015.

***Phellinus ralunensis*** Adask., Gilb. & Blanchette

FIRST CITATION—Adaskaveg & al. 1991.  
 TYPE SPECIMEN—CHILE (holotype ARIZ RAB 3-89A).  
 SUBSTRATE—On *Eucryphia cordifolia*, *Laureliopsis philippiana* and *Nothofagus dombeyi*.  
 DISTRIBUTION—Osorno, Llanquihue.  
 OTHER REFERENCES—Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Phellodon melaleucus*** (Sw. ex Fr.) P. Karst.

FIRST CITATION—Singer 1969.  
 SUBSTRATE—Under *Nothofagus dombeyi*.  
 DISTRIBUTION—Llanquihue.  
 OTHER REFERENCES—Garrido 1988, Lazo 1996a, Martínez & Valenzuela 2004.

***Phlebia acanthocystis*** Gilb. & Nakasone

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 SUBSTRATE—On decayed wood.  
 DISTRIBUTION—Palena.

***Phlebia columellifera*** (G. Cunn.) Duhem

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 SUBSTRATE—On decayed wood.  
 DISTRIBUTION—Osorno.

***Phlebia rufa*** (Pers.) M.P. Christ.

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 SUBSTRATE—On lumber. On *Luma apiculata* and *Nothofagus dombeyi*.  
 DISTRIBUTION—Osorno, Chiloé, Palena.  
 OTHER REFERENCES—Ortiz & al. 2014b.

***Phlebia subfascicularis*** (Wakef.) Nakasone & Gilb.

FIRST CITATION—Gorjón & Hallenberg 2012b.  
 SUBSTRATE—On bark of *Fuchsia magellanica* and on *Nothofagus dombeyi*.  
 DISTRIBUTION—Osorno, Palena.

***Phlebia* aff. *totara*** (G. Cunn.) Stalpers & P.K. Buchanan

FIRST CITATION—Gorjón & Hallenberg 2012b).  
 SUBSTRATE—On bark of living *Podocarpus nubigenus*.

DISTRIBUTION—Coyhaique, Palena.

***Phlebiopsis friesii*** (Lév.) Spirin & Miettinen

FIRST CITATION—*Thelephora amoena* Lév. (Léveillé 1846).

TYPE SPECIMEN—CHILE.

SUBSTRATE—On fallen branches.

DISTRIBUTION—Malleco

OTHER REFERENCES—Montagne 1850, Spegazzini 1917a, Spegazzini 1918, Mujica & al. 1980, Martínez & Valenzuela 2004, Miettinen & al. 2016.

***Phylloporia boldo*** Rajchenb. & Pildain

FIRST CITATION—Rajchenberg & al. 2019.

TYPE SPECIMEN—CHILE (holotype BAFC 52945, isotype M. Rajchenberg 12606).

SUBSTRATE—On living *Peumus boldus*.

DISTRIBUTION—Melipilla, Concepción, Arauco.

Other references—Acevedo & Naulin 2020, Riquelme & al. 2020.

***Picipes austroandinus*** (Rajchenb. & Y.C. Dai) J.L. Zhou & B.K. Cui

FIRST CITATION—As *Polyporus melanopus* (Pers.) Fr. (Rajchenberg 2006).

TYPE SPECIMEN—ARGENTINA (holotype BAFC 52287).

DISTRIBUTION—Diguillín (M. Rajchenberg pers. obs.).

OTHER REFERENCES—Dai & al. 2013, Zhou & al. 2016.

***Pistillaria fuegiana*** (Speg.) Corner

FIRST CITATION—*Clavaria fuegiana* Speg. (Spegazzini 1887b).

TYPE SPECIMEN—ARGENTINA (holotype LPS 19260).

SUBSTRATE—On decayed branches of *Nothofagus* sp.

DISTRIBUTION—Tierra del Fuego.

OTHER REFERENCES—Corner 1950, Mujica & al. 1980, Lazo 1996a.

***Pistillaria saxegothaeae*** Singer

FIRST CITATION—Singer 1969.

TYPE SPECIMEN—CHILE (holotype BAFC R. Singer M3256).

SUBSTRATE—On dead branches of *Saxegothaea* sp.

DISTRIBUTION—Ranco.

***Podoserpula pusio*** (Berk.) D.A. Reid

FIRST CITATION—Hjortstam & Ryvarden 2007.

DISTRIBUTION—Location in Chile not given.

OTHER REFERENCES—Gorjón & Hallenberg 2012a.

***Polyporus gayanus*** Lév.

FIRST CITATION—Léveillé 1846.

TYPE SPECIMEN—CHILE (lectotype LPS 24999).

SUBSTRATE—On *Laurelia* sp., *Nothofagus antarctica*, *N. dombeyi*, *N. obliqua* and *N. pumilio*.

DISTRIBUTION—Malleco, Valdivia, Osorno, Llanquihue, Aysén, Última Esperanza, Tierra del Fuego.

REMARKS—Synonym of *P. cycliscus* Mont.

OTHER REFERENCES—Montagne 1850, Bresadola 1900, Lloyd 1910, Spegazzini 1921, Spegazzini 1922, Singer 1969, Mujica & al. 1980, Ryvarden 1982, Barrera 1984, Rajchenberg & Wright 1987, Garrido & al. 1985, Lazo 1996a, Martínez & Valenzuela 2004, Rajchenberg 2006, Acevedo & Naulin 2020, MyCoPortal 2020.

***Polyporus limbatus*** Link ex Fr.

FIRST CITATION—Montagne 1850.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island).

OTHER REFERENCES—Johow 1896, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Postia dissecta*** (Cooke) Rajchenb.

FIRST CITATION—*Polyporus dissectus* Lév. (Léveillé 1846).

TYPE SPECIMEN—CHILE (possible type BPI 239293).

SUBSTRATE—On *Austrocedrus chilensis*, *Nothofagus pumilio*, *Saxegothaea conspicua* and *Nothofagus* sp. On lumber. On *Pinus radiata*.

DISTRIBUTION—Concepción, Biobío, Ranco, Chiloé.

OTHER REFERENCES—Lloyd 1915, Mujica & al. 1980, Rajchenberg 1983, Rajchenberg 1987, Rajchenberg 1989, Rajchenberg 1992, Lazo 1996a, Rajchenberg 2003, Martínez & Valenzuela 2004, Rajchenberg 2006, Ortiz & al. 2014b, Acevedo & Naulin 2020.

***Postia pelliculosa*** (Berk.) Rajchenb.

FIRST CITATION—Rajchenberg 2006.

SUBSTRATE—On *Nothofagus* sp.

DISTRIBUTION—Tierra del Fuego.

REMARKS—*Spongipellus chubutensis* J.E. Wright & J.R. Deschamps from Argentinean Patagonia is a synonym.

OTHER REFERENCES—Rajchenberg & Robledo 2013, Acevedo & Naulin 2020, MyCoPortal 2020.

***Postia punctata*** Rajchenb. & P.K. Buchanan

FIRST CITATION—Rajchenberg & Buchanan 1996.

TYPE SPECIMEN—ARGENTINA (holotype BAFC 33359 M. Rajchenberg 10846).

SUBSTRATE—On *Nothofagus dombeyi* and fallen *N. pumilio*.

DISTRIBUTION—Osorno, Palena.

OTHER REFERENCES—Pildain & Rajchenberg 2013, Shen & al. 2019, Acevedo & Naulin 2020.

***Postia venata*** (Rajchenb. & J.E. Wright) Rajchenb.

FIRST CITATION—Pildain & Rajchenberg 2013.

TYPE SPECIMEN—ARGENTINA (holotype BAFC 27610).

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Palena.

OTHER REFERENCES—Rajchenberg 1983, Rajchenberg 1987.

***Pseudoinonotus crustosus*** (Speg.) Rajchenb. & Pildain

FIRST CITATION—*Inonotus crustosus* (Speg.) J.E. Wright & J.R. Deschamps (Sandoval-Leiva 2014).

TYPE SPECIMEN—ARGENTINA (holotype LPS).

SUBSTRATE—On *Nothofagus antarctica*.

DISTRIBUTION—Aysén.

OTHER REFERENCES—Rajchenberg & al. 2015, Acevedo & Naulin 2020.

***Pteridomyces valdivianus*** Gorjón & Hallenb.

FIRST CITATION—Gorjón & Hallenberg 2012a.

TYPE SPECIMEN—CHILE (holotype GB GB-0185077 N. Hallenberg 16298, isotype SALA).

SUBSTRATE—On *Chusquea quila*.

DISTRIBUTION—Osorno.

OTHER REFERENCES—Gorjón & Hallenberg 2012b, Sweden's Virtual Herbarium 2020.

***Pterulicium campoi*** (Speg.) Leal-Dutra, Dentinger & G.W. Griff.

FIRST CITATION—*Pterula campoi* Speg. (Spegazzini 1921).

TYPE SPECIMEN—CHILE (type LPS 1468).

SUBSTRATE—On decayed branches of *Nothofagus obliqua*.

DISTRIBUTION—Malleco.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Leal-Dutra & al. 2020.

***Punctulariopsis subglobispora*** (Hallenb. & Hjortstam) Ghob.-Nehj.

FIRST CITATION—Gorjón & Hallenberg 2012b.  
TYPE SPECIMEN—ARGENTINA (holotype GB-0069546 N. Hallenberg 12761).  
DISTRIBUTION—Osorno.  
OTHER REFERENCES—Ghobad-Nejhad & al. 2010.

***Ramaria acutissima*** (Berk.) Corner

FIRST CITATION—*Clavaria acutissima* Berk. (Montagne 1850).  
TYPE SPECIMEN—CHILE (possible type MNHN-PC-FUSION83845).  
SUBSTRATE—On soil.  
DISTRIBUTION—Valdivia.  
OTHER REFERENCES—Corner 1950, Mujica & al. 1980, Lazo 1996a.

***Ramaria aurea*** (Schaeff.) Quél.

FIRST CITATION—*Clavaria aurea* Schaeff. (Bresadola 1900).  
SUBSTRATE—On soil.  
DISTRIBUTION—Aysén.  
OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Ramaria fennica*** (P. Karst.) Ricken

FIRST CITATION—*Clavaria fennica* P. Karst. (Lloyd 1920).  
DISTRIBUTION—Santiago.  
OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, MyCoPortal 2020.

***Ramaria flava*** (Schaeff.) Quél.

FIRST CITATION—*Clavaria flava* Schaeff. (Lloyd 1920).  
SUBSTRATE—On soil.  
DISTRIBUTION—Valparaíso, Santiago, Diguillín, Malleco, Valdivia, Llanquihue, Aysén.  
OTHER REFERENCES—Spegazzini 1921, Singer 1969 (as *F. flava* var. *parvispora* Corner), Mujica & al. 1980, Barrera 1984, Lazo 1996a, Lazo 2000, Valenzuela 2003, Lazo 2016, Barría-Díaz & al. 2019, MyCoPortal 2020.

***Ramaria flavobrunnescens*** (G.F. Atk.) Corner

FIRST CITATION—Singer 1969.  
DISTRIBUTION—Cauquenes, Llanquihue.  
OTHER REFERENCES—Mujica & al. 1980, Barrera 1984, Lazo 1996a.

***Ramaria holorubella*** (G.F. Atk.) Corner

FIRST CITATION—Barrera 1984.  
DISTRIBUTION—Osorno.

***Ramaria molleriana*** (Bres. & Roum.) Corner

FIRST CITATION—Lazo 1971.  
SUBSTRATE—On decayed wood.  
DISTRIBUTION—Colchagua.  
OTHER REFERENCES—Corner 1950, Corner 1957, Lazo 1972, Mujica & al. 1980, Lazo 1983, Lazo 1996a, Lazo 2016.

***Ramaria patagonica*** (Speg.) Corner

FIRST CITATION—*Clavaria patagonica* Speg. (Spegazzini 1887a).  
TYPE SPECIMEN—CHILE (holotype LPS 19262).  
SUBSTRATE—On soil.  
DISTRIBUTION—Osorno, Magallanes.  
OTHER REFERENCES—Corner 1957, Mujica & al. 1980, Lazo 1996a, MyCoPortal 2020.

***Ramaria subaurantiaca*** Corner



FIRST CITATION—Lazo 1972.

SUBSTRATE—On soil.

DISTRIBUTION—Ranco.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1983, Lazo 1996a, Lazo 2016.

***Ramaria subtilis*** (Coker) Schild

FIRST CITATION—*Ramaria flava* (Schaeff.) Quél. var. *subtilis* (Coker) Corner (Singer 1969).

DISTRIBUTION—Cauquenes, Arauco, Llanquihue.

REMARKS—Also known as “changle” according to Valenzuela (2003).

OTHER REFERENCES—Garrido 1988, Valenzuela 2003.

***Ramaria valdiviana*** Singer

FIRST CITATION—Singer 1969.

TYPE SPECIMEN—CHILE (holotype SGO 092427 R. Singer M6916, isotype TENN-F-040213).

SUBSTRATE—Associated with *Nothofagus obliqua*.

DISTRIBUTION—Valdivia.

REMARKS—Also known as “changle” according to Lazo (1996b).

OTHER REFERENCES—Mujica & al. 1980, Barrera 1984, Garrido 1988, Lazo 1996b, Valenzuela 2003.

***Repetobasidium vile*** (Bourdot & Galzin) J. Erikss.

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Resinicium luteosulphureum*** (Rick) Baltazar & Rajchenb.

FIRST CITATION—*Resinicium friabile* Hjortstam & Melo (Gorjón & Hallenberg 2012b).

DISTRIBUTION—Osorno.

***Rhizochaete brunnea*** Gresl., Nakasone & Rajchenb.

FIRST CITATION—Gorjón & Hallenberg 2012b.

TYPE SPECIMEN—ARGENTINA (holotype BAFC 34527, isotype A. Greslebin 278).

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Osorno, Palena.

OTHER REFERENCES—Greslebin & al. 2004.

***Rhizoctonia pseudocornigera*** (M.P. Christ.) Oberw., R. Bauer, Garnica & R. Kirschner

FIRST CITATION—*Ceratobasidium pseudocornigerum* M.P. Christ. (Gorjón & Hallenberg 2012b).

DISTRIBUTION—Osorno.

***Rigidoporus concrescens*** (Mont.) Rajchenb.

FIRST CITATION—*Polyporus concrescens* Mont. (Montagne 1835).

TYPE SPECIMEN—CHILE (type MNHN-PC-PC0706770, isotype S F15054, isotype photograph NY 730584).

SUBSTRATE—On dead wood.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Palena (M. Rajchenberg pers. obs.).

OTHER REFERENCES—Montagne 1850, Johow 1896, Mujica & al. 1980, Ryvarden 1982, Rajchenberg 1992, Lazo 1996a,

Martínez & Valenzuela 2004.

***Rigidoporus microporus*** (Sw.) Overeem

FIRST CITATION—As *Polyporus fernandesianus* Mont. (Montagne 1835).

TYPE SPECIMEN—CHILE (type S F15058).

SUBSTRATE—On dead wood. On wooden beams

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Valdivia.

OTHER REFERENCES—Montagne 1850, Hemsley 1885, Johow 1896, Spegazzini 1910, Mujica & al. 1980, Ryvarden 1982, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Rubellofomes minutisporus*** (Rajchenb.) B.K. Cui, M.L. Han & Y.C. Dai

FIRST CITATION—*Fomitopsis minutispora* Rajchenb. (Sandoval & Rajchenberg 2011).

TYPE SPECIMEN—ARGENTINA (holotype BAFC 33360 M. Rajchenberg 10851).

SUBSTRATE—On wood in forest of *Aextoxicon punctatum*, *Eucryphia cordifolia*, *Laureliopsis philippiana*, *Nothofagus dombeyi* and *N. obliqua*.

DISTRIBUTION—Ranco.

OTHER REFERENCES—Rajchenberg 1995b, Acevedo & Naulin 2020.

***Ryvardenia campyla*** (Berk.) Rajchenb.

FIRST CITATION—Rajchenberg & Robledo 2013.

DISTRIBUTION—Chiloé.

OTHER REFERENCES—Rajchenberg 2006, Pildain & Rajchenberg 2013.

***Ryvardenia cretacea*** (Lloyd) Rajchenb.

FIRST CITATION—*Postia cretacea* (Lloyd) Rajchenb. (Rajchenberg 1987).

SUBSTRATE—On *Nothofagus* sp.

DISTRIBUTION—Última Esperanza.

OTHER REFERENCES—Rajchenberg 2006, Rajchenberg & Pildain 2012, Ortiz-Santana & al. 2013, Rajchenberg & Robledo 2013, Acevedo & Naulin 2020.

***Schizophyllum amplum*** (Lév.) Nakasone

FIRST CITATION—*Cytidia flocculenta* (Fr.) Höhn. & Litsch. (Lazo 1971).

SUBSTRATE—On dead wood.

DISTRIBUTION—Valparaíso.

REMARKS—Determined by D. Reid.

OTHER REFERENCES—Mujica & al. 1980, Nakasone 1996, Lazo 1996a, Martínez & Valenzuela 2004, Lazo 2016.

***Schizophyllum commune*** Fr.

FIRST CITATION—*Schizophyllum alneum* (L.) J. Schröt. (Hennings 1900).

SUBSTRATE—On lumber. On trunks and decayed branches. On *Nothofagus obliqua*. On *Acacia melanoxylon*.

DISTRIBUTION—Valparaíso, Maipo, Santiago, Cachapoal, Colchagua, Cauquenes, Talca, Concepción, Malleco, Cautín, Valdivia, Osorno.

OTHER REFERENCES—Spegazzini 1910, Espinosa 1917b, Spegazzini 1918, Espinosa 1943, Singer 1969, Lazo & al. 1977, Mujica & al. 1980, Lazo 1983, Garrido & al. 1985, Butin & Peredo 1986, Garrido 1988, Lazo 1996a, González & Opazo 2002, Madrid 2005, Donoso & al. 2008, Tortella & al. 2008, Guillén & al. 2011, Lazo 2016, MyCoPortal 2020, The New York Botanical Garden 2020.

***Scopuloides rimosa*** (Cooke) Jülich

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno.

***Scotomyces subviolaceus*** (Peck) Jülich

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Scytinostroma decidens*** Boidin, Gilles & Lanq.

FIRST CITATION—Gorjón & Hallenberg 2012b.

SUBSTRATE—On *Chusquea quila*.

DISTRIBUTION—Osorno, Palena.

***Scytinostroma lusitanicum*** (Trotter) P.M. Kirk

FIRST CITATION—*Scytinostroma ochroleucum* (Bres. & Torrend) Donk (Gorjón & Hallenberg 2012b).

DISTRIBUTION—Chiloé.

***Serpula himantioides*** (Fr.) P. Karst.

FIRST CITATION—Aqueveque &amp; al. 2002.

SUBSTRATE—On *Eucalyptus globulus*. On lumber. On decayed wood.

DISTRIBUTION—Concepción, Osorno.

OTHER REFERENCES—Carlsen &amp; al. 2011, Gorjón &amp; Hallenberg 2012b, Torres &amp; al. 2019.

***Serpula lacrymans*** (Wulfen) J. Schröt.FIRST CITATION—*Merulius lacrymans* (Wulfen) Schumach. (Espinosa 1917b).SUBSTRATE—On wood of *Pinus radiata*.

DISTRIBUTION—Concepción.

OTHER REFERENCES—Mujica &amp; al. 1980, Lazo 1996a, Guillén &amp; al. 2011.

***Sertulicium chilense*** (Tellería, M. Dueñas & M.P. Martín) Spirin & VolobuevFIRST CITATION—*Sistotremastrum chilensis* Tellería, M. Dueñas & M.P. Martín (Tellería & al. 2014).

TYPIFICATION—CHILE (holotype MA-Fungi 86368).

SUBSTRATE—On unidentified wood.

DISTRIBUTION—Palena.

OTHER REFERENCES—Spirin &amp; al. 2021.

***Sistotrema diademiferum*** (Bourdot & Galzin) Donk

FIRST CITATION—Gorjón &amp; Hallenberg 2012b.

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Osorno.

***Sistotrema porulosum*** Hallenb.

FIRST CITATION—Gorjón &amp; Hallenberg 2012b.

DISTRIBUTION—Osorno.

***Skeletocutis stramentica*** (G. Cunn.) Rajchenb.

FIRST CITATION—Rajchenberg 2006.

DISTRIBUTION—Chiloé (M. Rajchenberg pers. obs.).

***Spongiporus balsameus*** (Peck) A. DavidFIRST CITATION—*Postia balsamea* (Peck) Jülich (Rajchenberg 2006).

DISTRIBUTION—Valdivia.

OTHER REFERENCES—Shen &amp; al. 2019.

***Steccherinum meridionale*** (Rajchenb.) Westph., Tomšovský & Rajchenb.FIRST CITATION—*Junghuhnia collabens* (Fr.) Ryvarden var. *meridionalis* (Rajchenberg 1987).

TYPE SPECIMEN—CHILE (holotype BAFC 31012).

SUBSTRATE—On fallen trunk of *Laureliopsis philippiana*.

DISTRIBUTION—Valdivia, Osorno, Chiloé, Palena.

OTHER REFERENCES—Rajchenberg 2003, Rajchenberg 2006, Westphalen &amp; al. 2018, Acevedo &amp; Naulin 2020, Natural History Museum, University of Oslo 2020, Sweden's Virtual Herbarium 2020.

***Stereum greslebiniae*** Gorjón & Hallenb.FIRST CITATION—*Stereum greslebinii* Gorjón & Hallenb. (Gorjón & Hallenberg 2012a).

TYPE SPECIMEN—CHILE (holotype SALA S. P. Gorjón 2639, isotype GB, HCFC).

SUBSTRATE—On *Luma apiculata* and *Nothofagus dombeyi*.

DISTRIBUTION—Osorno.

OTHER REFERENCES—Gorjón &amp; Hallenberg 2012b.

***Stereum hirsutum*** (Willd.) Pers.FIRST CITATION—*Thelephora hirsuta* Willd. (Léveillé 1846) and *Thelephora rhicnopila* Lév. (Léveillé 1846).

TYPE SPECIMEN—CHILE (possible type MNHN-PC-FUSION85507) for *Thelephora rhicnopila*.

SUBSTRATE—On trunks, branches and bark. On *Aextoxicon punctatum*, *Nothofagus antarctica*, *N. dombeyi* and *Persea lingue*. On *Acacia melanoxylon*, *Eucalyptus nitens* and *Quercus coccinea*.

DISTRIBUTION—Valparaíso, San Antonio, Santiago, Maipo, Colchagua, Concepción, Biobío, Malleco, Cautín, Valdivia, Ranco, Osorno, Chiloé, Palena, Aysén, Tierra del Fuego, Antártica Chilena.

REMARKS—Synonym of *Thelephora rhicnopila* Lév. according to Boidin (1960).

OTHER REFERENCES—Montagne 1850, Spegazzini 1887b, Hennings 1900, Espinosa 1917b, Spegazzini 1921, Boidin 1960, Singer & al. 1965, Lazo & al. 1977, Mujica & al. 1980, Lazo 1983, Butin & Peredo 1986, Lazo 1996a, Lazo 1998, González & Opazo 2002, Martínez & Valenzuela 2004, Hjortstam & Ryvarden 2007, Donoso & al. 2008, Tortella & al. 2008, Guillén & al. 2011, Gorjón & Hallenberg 2012a, Gorjón & Hallenberg 2012b, Ortiz & al. 2014b, Lazo 2016, Schilling & al. 2020.

***Stereum ochraceoflavum*** (Schwein.) Sacc.

FIRST CITATION—Spegazzini 1910.

SUBSTRATE—On *Aristotelia chilensis* and *Nothofagus dombeyi*. On *Rubus creticus*.

DISTRIBUTION—Marga Marga, Valdivia, Palena.

OTHER REFERENCES—Spegazzini 1917b, Mujica & al. 1980, Lazo 1996a, Gorjón & Hallenberg 2012b.

***Stereum rufofulvum*** (Mont.) Pat. & Lagerh.

FIRST CITATION—*Thelephora rufofulva* Mont. (Montagne 1837).

TYPE SPECIMEN—CHILE (MNHN-PC-FUSION85741).

SUBSTRATE—On dead branches.

DISTRIBUTION—Cachapoal.

OTHER REFERENCES—Fries 1838, Montagne 1850, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Muséum National d'Histoire Naturelle 2020.

***Subulicystidium longisporum*** (Pat.) Parmasto

FIRST CITATION—Gorjón & al. 2011b.

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Osorno, Palena.

OTHER REFERENCES—Gorjón & Hallenberg 2012b.

***Thelephora terrestris*** Ehrh. ex Fr.

FIRST CITATION—Lloyd 1920.

SUBSTRATE—On soil of *Pinus* spp. plantation. Associated with *Nothofagus antarctica*.

DISTRIBUTION—San Antonio, Santiago, Malleco.

OTHER REFERENCES—Singer 1969, Lazo & al. 1977, Mujica & al. 1980, Lazo 1983, Barrera 1984, Garrido 1988, Lazo 1996a, Lazo 1998, Martínez & Valenzuela 2004, Lazo 2016.

***Trametes betulina*** (L.) Pilát

FIRST CITATION—*Lenzites betulinus* (L.) Fr. (Hennings 1900).

SUBSTRATE—On wooden beams. On dead decayed trunks and branches. On *Acacia melanoxylon* and *Persea lingue*.

DISTRIBUTION—Valparaíso, Concepción, Biobío, Malleco, Cautín, Valdivia, Chiloé.

OTHER REFERENCES—Spegazzini 1910, Spegazzini 1917a, Spegazzini 1918, Spegazzini 1921, Mujica & al. 1980, Lazo 1983, Rajchenberg 1987, Lazo 1996a, Martínez & Valenzuela 2004, Tortella & al. 2008, Guillén & al. 2011, Justo & Hibbet 2011, The New York Botanical Garden 2020.

***Trametes sanguinea*** (L.) Lloyd

FIRST CITATION—*Polyporus sanguineus* (L.) Fr. (Spegazzini 1917a).

SUBSTRATE—On trunks of *Nothofagus dombeyi*.

DISTRIBUTION—Osorno.

OTHER REFERENCES—Nobles & Frew 1962, Mujica & al. 1980, Burgos & Ortiz 1988, Pincheira & al. 1990, Lazo 1996a, Martínez & Valenzuela 2004, Justo & Hibbet 2011, Acevedo & Naulin 2020.

***Trametes versicolor*** (L.) Lloyd

FIRST CITATION—*Polyporus versicolor* (L.) Fr. (Berkeley 1839).

SUBSTRATE—On decayed trunks and branches. On lumber. On *Araucaria araucana*, *Aristotelia chilensis*, *Beilschmiedia miersii*, *Fitzroya cupressoides*, *Myrceugenia fernandeziana*, *Nothofagus dombeyi*, *Persea lingue*, *Drimys* sp. and *Rhaphithamnus* sp. On *Eucalyptus nitens*.

DISTRIBUTION—Marga Marga, Valparaíso (Robinson Crusoe Island), San Antonio, Cachapoal, Concepción, Malleco, Cautín, Valdivia, Llanquihue, Chiloé, Aysén, Magallanes, Antártica Chilena.

REMARKS—Synonym of *Coriolus fernandezianus* Singer according to Rajchenberg (1982b).

OTHER REFERENCES—Montagne 1850, Hemsley 1885, Spegazzini 1887a, Spegazzini 1887b, Hariot & al. 1889, Johow 1896, Hennings 1900, Spegazzini 1910, Espinosa 1917a, Espinosa 1917b, Spegazzini 1917a, Spegazzini 1918, Lloyd 1920, Romell 1928, Singer & al. 1965, Lazo & al. 1977, Mujica & al. 1980, Rajchenberg 1982b, Lazo 1983, Butin & Peredo 1986, Rajchenberg & Wright 1987, Lazo 1996a, Lazo 1998, Parada & al. 2000, González & Opazo 2002, Martínez & Valenzuela 2004, Donoso & al. 2008, Tortella & al. 2008, Guillén & al. 2011, Ortiz & al. 2013, Ortiz & al. 2014b, Lazo 2016, Barría-Díaz & al. 2019, Acevedo & Naulin 2020, Landcare Research 2020.

***Trechispora byssinella*** (Bourdot) Liberta

FIRST CITATION—Liberta 1973.

DISTRIBUTION—Magallanes.

OTHER REFERENCES—Hjortstam & Ryvarden 2007, Gorjón & Hallenberg 2012a.

***Trechispora farinacea*** (Pers.) Liberta

FIRST CITATION—*Hydnum farinaceum* Pers. (Romell 1928).

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Chiloé, Palena.

OTHER REFERENCES—Mujica & al. 1980, Gorjón & Hallenberg 2012b.

***Trechispora praefocata*** (Bourdot & Galzin) Liberta

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno.

***Trechispora subsphaerospora*** (Litsch.) Liberta

FIRST CITATION—*Corticium subsphaerosporum* Litsch. (Keissler 1928).

TYPE SPECIMEN—CHILE (holotype NY 776596, lectotype W 16955, isolectotype W 16591)

SUBSTRATE—On *Dicksonia brackenridgei*.

DISTRIBUTION—Valparaíso (Alejandro Selkirk Island).

OTHER REFERENCES—Liberta 1973, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Hjortstam & Ryvarden 2007, Gorjón & Hallenberg 2012a.

***Tremella mesenterica*** Retz.

FIRST CITATION—*Tremella lutescens* Fr. (Montagne 1850).

SUBSTRATE—On wood.

DISTRIBUTION—Valparaíso (Juan Fernández Archipelago), Colchagua, Chiloé, Magallanes.

REMARKS—Determined B. Lowy.

OTHER REFERENCES—Spegazzini 1887a, Lazo 1971, Lazo & al. 1977, Mujica & al. 1980, Lazo 1983, Lazo 1996a, Lazo 2016.

***Tremella vescicaria*** Speg.

FIRST CITATION—Spegazzini 1918.

TYPE SPECIMEN—CHILE (type LPS 27254).

DISTRIBUTION—Malleco

SUBSTRATE—On wood.

OTHER REFERENCES—Mujica & al. 1980.

***Tubulicrinopsis farinacea*** (Boidin, Lanq. & Gilles) Kotir. & Hjortstam

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Osorno, Chiloé.

OTHER REFERENCES—Sweden's Virtual Herbarium 2020.

***Tulasnella violea*** (Quél.) Bourdot & Galzin

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Uncobasidium roseocremeum*** Gorjón, Gresl. & Rajchenb.

FIRST CITATION—Gorjón & al. 2012b.

TYPE SPECIMEN—ARGENTINA (holotype BAFC S. P. Gorjón 2943, isotype SALA, HCFC).

SUBSTRATE—On bark of living *Saxegothaea conspicua*.

DISTRIBUTION—Palena.

***Xenasma pulverulentum*** (H.S. Jacks.) Donk

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Xenasma tulasnelloideum*** (Höhn. & Litsch.) Donk

FIRST CITATION—*Phlebiella tulasnelloidea* (Höhn. & Litsch.) Ginns & M.N.L. Lefebvre (Gorjón & Hallenberg 2012b).

SUBSTRATE—On *Caldcluvia paniculata* and *Saxegothaea conspicua*.

DISTRIBUTION—Osorno, Chiloé, Palena.

***Xenasmatella fibrillosa*** (Hallenberg.) Stalpers

FIRST CITATION—*Phlebiella fibrillosa* (Hallenberg.) K.H. Larss. & Hjortstam (Gorjón & Hallenberg 2012b).

DISTRIBUTION—Chiloé.

***Xylobolus subpileatus*** (Berk. & M.A. Curtis) Boidin

FIRST CITATION—Gorjón & Hallenberg 2012b.

DISTRIBUTION—Chiloé.

***Xylodon crassisporus*** (Gresl. & Rajchenb.) Hjortstam & Ryvarde

FIRST CITATION—*Hyphodontia crassispora* Gresl. & Rajchenb. (Gorjón & Hallenberg 2012b).

TYPE SPECIMEN—ARGENTINA (holotype BAFC 50035).

SUBSTRATE—On bark of *Fuchsia magellanica*.

DISTRIBUTION—Chiloé, Palena.

OTHER REFERENCES—Greslebin & Rajchenberg 2000, Hjortstam & Ryvarde 2009, Riebesehl & al. 2019.

***Xylodon crustosoglobosus*** (Hallenberg. & Hjortstam) Hjortstam & Ryvarde

FIRST CITATION—*Hyphodontia crustosoglobosa* Hallenberg. & Hjortstam (Gorjón & Hallenberg 2012b).

TYPE SPECIMEN—ARGENTINA (holotype GB N. Hallenberg 12738).

DISTRIBUTION—Osorno, Chiloé.

OTHER REFERENCES—Riebesehl & Langer 2017, Riebesehl & al. 2019.

***Xylodon gamundiae*** (Gresl. & Rajchenb.) Riebesehl & Langer

FIRST CITATION—*Hyphodontia gamundiae* Gresl. & Rajchenb. (Gorjón 2012).

TYPE SPECIMEN—ARGENTINA (holotype BAFC 50036).

DISTRIBUTION—Osorno.

OTHER REFERENCES—Gorjón & Hallenberg 2012b, Riebesehl & Langer 2017, Riebesehl & al. 2019.

***Xylodon hjortstamii*** (Gresl. & Rajchenb.) Riebesehl & Langer

FIRST CITATION—*Hyphodontia hjortstamii* Gresl. & Rajchenb. (Gorjón 2012).

TYPE SPECIMEN—ARGENTINA (holotype BAFC 50037).

SUBSTRATE—On bark of *Fuchsia magellanica*. On *Nothofagus dombeyi*.

DISTRIBUTION—Osorno, Chiloé, Palena.

OTHER REFERENCES—Gorjón & Hallenberg 2012b, Riebesehl & Langer 2017, Riebesehl & al. 2019.

***Xylodon magallanesii*** J. Fernández-López, Tellería, M. Dueñas, M. Laguna & M.P. Martín

FIRST CITATION—Fernández-López &amp; al. 2020.

TYPE SPECIMEN—CHILE (holotype MA-Fungi 90397 M. Tellería 20008Tell).

SUBSTRATE—On dead wood of *Amomyrtus luma*, *Drimys winteri*, *Nothofagus betuloides*, *N. dombeyi* and *N. pumilio*.

DISTRIBUTION—Ranco, Palena.

REMARKS—Previously reported as *Hyphodontia australis* (Berk.) Hjortstam (Gorjón & Hallenberg 2012b).

OTHER REFERENCES—Greslebin &amp; al. 2000.

***Xylodon magnificus*** (Gresl. & Rajchenb.) K.H. Larss.FIRST CITATION—*Hyphodontia magnifica* Gresl. & Rajchenb. (Gorjón & Hallenberg 2012b).

TYPE SPECIMEN—ARGENTINA (holotype BAFC 50038).

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Palena.

***Xylodon nesporina*** (Hallénb. & Hjortstam) Hjortstam & RyvardenFIRST CITATION—*Hyphodontia nesporina* Hallénb. & Hjortstam (Gorjón & Hallenberg 2012b).

TYPE SPECIMEN—ARGENTINA (holotype GB N. Hallenberg 12745).

SUBSTRATE—On *Chusquea quila* and *Saxegothaea conspicua*.

DISTRIBUTION—Palena.

OTHER REFERENCES—Riebesehl &amp; Langer 2017, Riebesehl &amp; al. 2019.

***Xylodon patagonicus*** J. Fernández-López, Tellería, M. Dueñas & M.P. Martín

FIRST CITATION—Fernández-López &amp; al. 2019.

TYPE SPECIMEN—CHILE (holotype MA-Fungi 90707 M. Tellería 19684Tell).

SUBSTRATE—On *Amomyrtus luma*, *Nothofagus dombeyi* and *N. nitida*.

DISTRIBUTION—Palena.

***Xylodon spathulatus*** (Schrad.) KuntzeFIRST CITATION—*Hyphodontia spathulata* (Schrad.) Parmasto (Gorjón & Hallenberg 2012b).

DISTRIBUTION—Chiloé.

OTHER REFERENCES—Riebesehl &amp; Langer 2017, Riebesehl &amp; al. 2019.

**Uncertain taxa*****Abortiporus biennis*** (Bull.) SingerFIRST CITATION—*Polyporus biennis* (Bull.) Fr. (Montagne 1850).

SUBSTRATE—On dead trees.

DISTRIBUTION—Valdivia.

OTHER REFERENCES—Gotschlich 1913, Mujica &amp; al. 1980, Lazo 1996a, Martínez &amp; Valenzuela 2004, Acevedo &amp; Naulin 2020.

***Artomyces turgidus*** (Lév.) JülichFIRST CITATION—*Clavicornia turgida* (Lév.) Corner (Singer 1969).

SUBSTRATE—On decayed wood. On soil.

DISTRIBUTION—Ranco.

REMARKS—This species is known only from Australasia (Lickey & al. 2003). The record most probably corresponds to *Artomyces adrienneae* Lickey or *Artomyces nothofagi* R.J. Kneal & M.E. Sm. (see under these names above).

OTHER REFERENCES—Lazo 1972, Mujica &amp; al. 1980, Barrera 1984, Lazo 1983, Lickey &amp; al. 2003, Lazo 2016.

***Auricularia auricula-judae*** (Bull.) Quél.FIRST CITATION—*Exidia auricula-judae* (Bull.) Fr. (Berkeley 1842).SUBSTRATE—On old trunks of *Nothofagus* sp.

DISTRIBUTION—Magallanes, Antártica Chilena.

REMARKS—Possibly *Aleurodiscus vitellinus*, based on its general habit and the lack of new findings along the years (note by the authors).

OTHER REFERENCES—Berkeley 1847, Montagne 1850, Philippi 1869, Mujica &amp; al. 1980, Lazo 1996a.

***Auricularia sambucina*** Mart.

FIRST CITATION—Hariot & al. 1889.

DISTRIBUTION—Magallanes, Antártica Chilena.

REMARKS—Never recorded again after the original citation.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004.

***Bjerkandera fumosa*** (Pers.) P. Karst.

FIRST CITATION—Hennings 1900.

SUBSTRATE—On decayed trunks and branches.

DISTRIBUTION—Concepción.

REMARKS—This record needs confirmation (cfr. Motato-Vásquez & al. 2020).

OTHER REFERENCES—Spegazzini 1918, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020, Motato-Vásquez & al. 2020.

***Calocera glossoides*** (Pers.) Fr.

FIRST CITATION—*Dacryomitra pusilla* Tul. & C. Tul. (Romell 1928).

DISTRIBUTION—Valparaíso.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Calocera viscosa*** (Pers.) Fr.

FIRST CITATION—Lazo 1996a.

DISTRIBUTION—Location is not given.

***Ceriporia violacea*** (Fr.) Melo & Ryvarden

FIRST CITATION—*Polyporus violaceus* Fr. (Montagne 1850).

DISTRIBUTION—Valparaíso (Juan Fernández Archipelago).

OTHER REFERENCES—Hemsley 1885, Johow 1896, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Ceriporus squamosus*** (Huds.) Quél.

FIRST CITATION—*Polyporus squamosus* (Huds.) Fr. (Espinosa 1917b).

DISTRIBUTION—Chiloé.

REMARKS—Probably *Neolentiporus maculatissimus*, based on its macroscopic features (note by the authors).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020, Farr & Rossman 2020.

***Ceriporus varius*** (Pers.) Zmitr. & Kovalenko

FIRST CITATION—*Polyporus picipes* Rostk. (Lazo 1983).

SUBSTRATE—On soil or wood.

DISTRIBUTION—Colchagua, Ranco.

OTHER REFERENCES—Lazo 2016, Acevedo & Naulin 2020, MyCoPortal 2020.

***Chaetocypha lacera*** (Pers.) Kuntze

FIRST CITATION—*Cyphella lacera* (Pers.) Fr. (Montagne 1850).

SUBSTRATE—On stems of *Rumex* sp.

DISTRIBUTION—Locality is not indicated.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Clavulina coralloides*** (L.) J. Schröt.

FIRST CITATION—*Clavaria coralloides* L. (Montagne 1850).

DISTRIBUTION—Locality is not indicated.

OTHER REFERENCES—Philippi 1869, Mujica & al. 1980, Lazo 1996a.



***Clavulina rugosa*** (Bull.) J. Schröt.

FIRST CITATION—*Clavaria grossa* Pers. (Montagne 1850).  
 OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Clavulinopsis helvola*** (Pers.) Corner

FIRST CITATION—*Clavaria helvola* Pers. var. *aurantia* Pers. (Bertero 1829).  
 DISTRIBUTION—Locality is not indicated.  
 OTHER REFERENCES—Corner 1950, Mujica & al. 1980, Lazo 1996a.

***Coltricia perennis*** (L.) Murrill

FIRST CITATION—Lazo 1991.  
 DISTRIBUTION—Valparaíso.  
 REMARKS—Probably *Hymenochaete microcycla* (Zipp. ex Lév.) Spirin & Miettinen, based on macromorphology (note by the authors).  
 OTHER REFERENCES—Acevedo & Naulin 2020.

***Corticium lacteum*** (Fr.) Fr.

FIRST CITATION—*Thelephora lactea* Fr. (Bertero 1828).  
 SUBSTRATE—On *Beilschmiedia miersii*, *Cryptocarya alba* and *Nothofagus antarctica*.  
 DISTRIBUTION—Marga Marga, Magallanes.  
 REMARKS—Probably *Efibula tuberculata* (P. Karst.) Zmitr. & Spirin, but specimens need to be studied (note by the authors).  
 OTHER REFERENCES—Spegazzini 1887a, Spegazzini 1917b, Spegazzini 1921, Mujica & al. 1980, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004.

***Corticium tremellinum*** Berk.

FIRST CITATION—Berkeley 1847.  
 TYPE SPECIMEN—CHILE.  
 SUBSTRATE—On bark of *Nothofagus antarctica*.  
 DISTRIBUTION—Antártica Chilena.  
 REMARKS—Nomen illegitimum.  
 OTHER REFERENCES—Harlot & al. 1889, Mujica & al. 1980, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004.

***Dacryomyces candidus*** Mont.

FIRST CITATION—*Dacryomyces candidus* Mont. (Montagne 1852).  
 DISTRIBUTION—Location is not indicated.  
 OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Dacryomyces stillatus*** Nees

FIRST CITATION—*Dacryomyces stillatus* Nees (Bertero 1829).  
 DISTRIBUTION—Location is not indicated.  
 SUBSTRATE—On wood.  
 OTHER REFERENCES—Mujica & al. 1980.

***Dacryomyces albidus*** Bertero

FIRST CITATION—Bertero 1829.  
 SUBSTRATE—On wood.  
 DISTRIBUTION—Location is not indicated.  
 REMARKS—This is not *Dacryomyces* Kobayashi.  
 OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Dendrothele candida*** (Schwein.) P.A. Lemke

FIRST CITATION—*Thelephora candida* Schwein. (Bertero 1828).  
 DISTRIBUTION—Location is not indicated.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Echinoporia aculeifera*** (Berk. & M.A. Curtis) Ryvarden

FIRST CITATION—*Polystictus aculeifer* (Berk. & M.A. Curtis) Cooke (Spegazzini 1921).

SUBSTRATE—On dead trunks and branches of *Persea lingue*.

DISTRIBUTION—Marga Marga.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, González & Opazo 2002, Acevedo & Naulin 2020.

***Exidia flammea*** Berk.

FIRST CITATION—Hooker 1844.

SUBSTRATE—On dead branches.

DISTRIBUTION—Antártica Chilena.

OTHER REFERENCES—Harriot & al. 1889, Mujica & al. 1980, Lazo 1996a.

***Fistulina hepatica*** (Schaeff.) With.

FIRST CITATION—Lloyd 1920.

SUBSTRATE—On *Nothofagus alpina*, *N. dombeyi*, *N. nitida*, *N. obliqua*, *N. pumilio*, *Podocarpus nubigenus* and *Weinmannia trichosperma*.

DISTRIBUTION—Valdivia, Osorno, Palena.

REMARKS—This is most likely *Fistulina antarctica* (Rajchenberg 2006). Substrates *P. nubigenus* and *W. trichosperma* require confirmation.

OTHER REFERENCES—Espinosa 1943, Mujica & al. 1980, Lazo 1983, Lazo 1996a, González & Opazo 2002, Lazo 2016, Acevedo & Naulin 2020.

***Flaviporus brownii*** (Humb.) Donk

FIRST CITATION—Romell 1928.

DISTRIBUTION—Valparaíso.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Fomes fasciatus*** (Sw.) Cooke

FIRST CITATION—*Polyporus marmoratus* Berk. & M.A. Curtis (Harriot & al. 1889).

SUBSTRATE—On *Nothofagus* sp.

DISTRIBUTION—Lonquimay, Antártica Chilena.

REMARKS—Probably *Nothophellinus andinopatagonicus* (J.E. Wright & J.R. Deschamps) Rajchenb. & Pildain or *Ganoderma australe* (Fr.) Pat. (note by the authors).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004, Acevedo & Naulin 2020, MyCoPortal 2020.

***Fomes fomentarius*** (L.) Fr.

FIRST CITATION—*Boletus fomentarius* L. (Bertero 1829).

SUBSTRATE—On *Nothofagus antarctica* and *N. betuloides*. On *Malus domestica*.

DISTRIBUTION—Tierra del Fuego.

REMARKS—Probably *Nothophellinus andinopatagonicus* (J.E. Wright & J.R. Deschamps) Rajchenb. & Pildain (note by the authors).

OTHER REFERENCES—Philippi 1869, Spegazzini 1887b, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Fomitopsis betulina*** (Bull.) B.K. Cui, M.L. Han & Y.C. Dai

FIRST CITATION—*Polyporus betulinus* (Bull.) Fr. (Espinosa 1917b).

DISTRIBUTION—Locality is not indicated.

REMARKS—Probably *Laetiporus portentosus* (Berk.) Rajchenb. Due to its macromorphological similarity (Rajchenberg 2006).

OTHER REFERENCES—Mujica & al. 1980, Martínez & Valenzuela 2004.

***Fomitopsis officinalis*** (Batsch) Bondartsev & Singer

First citation—Acevedo & Naulin 2020.  
DISTRIBUTION—Locality is not indicated.

***Ganoderma adpersum*** (Schulzer) Donk

FIRST CITATION—Gottlieb & al. 1998.  
SUBSTRATE—On dead trunks.  
DISTRIBUTION—Palena.  
REMARKS—Probably *Ganoderma australe* (Fr.) Pat. (note by the authors).  
OTHER REFERENCES—Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Ganoderma applanatum*** (Pers.) Pat.

FIRST CITATION—Patouillard 1889.  
SUBSTRATE—On *Araucaria araucana*, *Laurelia sempervirens*, *Nothofagus dombeyi* and *N. nitida*. On *Acer negundo*, *Cornus mas*, *Quercus* sp., *Robinia pseudoacacia*, *Prunus persica*, *Populus nigra*, *Salix babylonica*.  
DISTRIBUTION—Limarí, Valparaíso (Juan Fernández Archipelago), Santiago, Cachapoal, Curicó, Linares, Concepción, Cautín, Valdivia, Osorno, Llanquihue, Chiloé, Palena, Aysén, Magallanes.  
REMARKS—Probably *Ganoderma australe* (Fr.) Pat. (Rajchenberg 2006).  
OTHER REFERENCES—Lloyd 1917, Espinosa 1917b, Espinosa 1921, Espinosa 1943, Mujica & al. 1980, Peredo 1987, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004, Donoso & al. 2008, Tortella & al. 2008, Acevedo & Naulin 2020, The Field Museum 2020, MyCoPortal 2020.

***Ganoderma brownii*** (Murrill) Gilb.

FIRST CITATION—Gottlieb & al. 1998.  
SUBSTRATE—On dead trees.  
DISTRIBUTION—Valparaíso, Osorno.  
OTHER REFERENCES—Acevedo & Naulin 2020.

***Ganoderma chilense*** (Fr.) Pat.

FIRST CITATION—*Fomes chilensis* (Fr.) Sacc. (Fries 1855).  
TYPE SPECIMEN—CHILE (holotype S F15158).  
SUBSTRATE—On living trunks.  
DISTRIBUTION—Chiloé.  
REMARKS—Nomen confusum according to Gottlieb (1997).  
OTHER REFERENCES—Lloyd 1915, Espinosa 1921, Sydow 1928, Mujica & al. 1980, Lazo 1996a, Gottlieb 1997, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Ganoderma lobatum*** (Schwein.) G.F. Atk.

FIRST CITATION—Gottlieb & al. 1998.  
SUBSTRATE—On fallen trunks.  
DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Osorno.  
OTHER REFERENCES—Acevedo & Naulin 2020, Sweden's Virtual Herbarium 2020.

***Grandinia polycocca*** (Mont.) Mont.

FIRST CITATION—*Thelephora polycocca* Mont. (Montagne 1837).  
TYPE SPECIMEN—CHILE (type MNHN-PC-FUSION85689, isotype BPI 264830).  
SUBSTRATE—On dead wood.  
DISTRIBUTION—Cachapoal.  
REMARKS—Nomen dubium according to Jülich (1983).  
OTHER REFERENCES—Montagne 1850, Gay 1854, Mujica & al. 1980, Jülich 1983, Lazo 1996a, Martínez & Valenzuela 2004.

***Grifola frondosa*** (Dicks.) Gray

FIRST CITATION—*Polyporus frondosus* Fr. (Espinosa 1917b).  
REMARKS—Probably *Grifola sordulenta* (Mont.) Sing. (Rajchenberg 2006).  
OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Hymenochaete luteobadia*** (Fr.) Höhn. & Litsch.

FIRST CITATION—*Stereum luteobadium* (Fr.) Fr. (Montagne 1850).

DISTRIBUTION—Locality is not indicated.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Hymenochaete villosa*** (Lév.) Bres.

FIRST CITATION—Espinosa 1917b.

DISTRIBUTION—Santiago, Concepción.

OTHER REFERENCES—Mujica & al. 1980, The New York Botanical Garden 2020, Farr & Rossman 2020.

***Hyphodontia barba-jovis*** (Bull.) J. Erikss.

FIRST CITATION—*Odontia barba-jovis* (Bull.) Fr. (Spegazzini 1887b).

SUBSTRATE—On *Nothofagus* sp.

DISTRIBUTION—Magallanes.

REMARKS—Probably *Xylodon patagonicus patagonicus* J. Fernández-López, Telleria, M. Dueñas & M.P. Martín (note by the authors).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Hyphodontia granulosa*** (Pers.) Bernicchia

FIRST CITATION—*Thelephora granulosa* Pers. (Muñoz 1999).

SUBSTRATE—On bark.

DISTRIBUTION—Cachapoal.

***Hyphodontia stipata*** (Fr.) Gilb.

FIRST CITATION—*Hydnum stipatum* Fr. (Romell 1928).

DISTRIBUTION—Valparaíso (Robinson Crusoe Island).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Inonotus patouillardii*** (Rick) Imazeki

FIRST CITATION—*Polyporus fuscobadius* Bres. (Spegazzini 1921).

SUBSTRATE—On living trunks of *Quillaja saponaria*.

DISTRIBUTION—Marga Marga.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004.

***Irpex lacteus*** (Fr.) Fr.

FIRST CITATION—Spegazzini 1887a.

SUBSTRATE—On debarked branches of *Nothofagus* sp.

DISTRIBUTION—Magallanes.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Acevedo & Naulin 2020.

***Ischnoderma benzoinum*** (Wahlenb.) P. Karst.

FIRST CITATION—*Polyporus resinus* (Schrad.) Fr. (Romell 1928).

DISTRIBUTION—Valparaíso (Alejandro Selkirk Island).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Junghuhnia nitida*** (Pers.) Ryvarden

FIRST CITATION—*Polyporus nitidus* (Pers.) Fr. (Romell 1928).

DISTRIBUTION—Valparaíso (Robinson Crusoe Island).

REMARKS—Probably *Steccherinum meridionale* (Rajchenb.) Westph., Tomšovský & Rajchenb. (note by the authors).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Laetiporus sulphureus*** (Bull.) Murrill

FIRST CITATION—*Polyporus sulphureus* (Bull.) Fr. (Hariot & al. 1889).

DISTRIBUTION—Chiloé, Magallanes.

REMARKS—82% ITS sequence identity (Ortiz & al. 2014b). Probably *Laetiporus portentosus* (Berk.) Rajchenb. (note by the authors).

OTHER REFERENCES—Lloyd 1920, Mujica & al. 1980, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004, Donoso & al. 2008, Ortiz & al. 2014b, Acevedo & Naulin 2020.

***Meripilus giganteus*** (Pers.) P. Karst.

FIRST CITATION—*Polyporus giganteus* (Pers.) Fr. (Lloyd 1920).

DISTRIBUTION—Locality is not indicated.

REMARKS—Probably confused with *Bondarzewia guaitecasensis* Henn.) J.E. Wright) on account of its macromorphology (note by the authors).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Merismodes anomala*** (Pers.) Singer

FIRST CITATION—*Cyphellopsis anomala* (Pers.) Donk (Cooke 1961).

DISTRIBUTION—CHILE. Location is not indicated.

***Odontia cinnamomea*** Mont.

FIRST CITATION—Montagne 1850.

TYPE SPECIMEN—CHILE (possible type MNHN-PC-FUSION84346).

SUBSTRATE—On bark.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island), Valdivia.

OTHER REFERENCES—Hemsley 1885, Johow 1896, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Odontia fallax*** (Fr.) Quél.

FIRST CITATION—Spegazzini 1910.

SUBSTRATE—On debarked and decayed branches.

DISTRIBUTION—Valdivia.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Phellinus adamantinus*** (Berk.) Ryvarden

FIRST CITATION—*Fomes adamantinus* (Berk.) Cooke (Spegazzini 1922).

SUBSTRATE—On *Nothofagus* sp.

DISTRIBUTION—Magallanes.

REMARKS—Probably *Nothophellinus andinopatagonicus* (J.E. Wright & J.R. Deschamps) Rajchenb. & Pildain (Wright & Deschamps 1972).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Phellinus caryophylleus*** (Cooke) Ryvarden

FIRST CITATION—*Polyporus caryophylleus* (Cooke) Lloyd (Lloyd 1920).

DISTRIBUTION—Locality is not indicated.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Phellinus igniarius*** (L.) Quél

FIRST CITATION—*Boletus igniarius* L. (Bertero 1829).

DISTRIBUTION—Valparaíso (Juan Fernández Archipelago).

OTHER REFERENCES—Berkeley 1839, Montagne 1850, Gotschlich 1913, Espinosa 1921, Mujica & al. 1980, Lazo 1996a, Acevedo & Naulin 2020.

***Phellinus rimosus*** (Berk.) Pilát

FIRST CITATION—*Fomes rimosus* (Berk.) Cooke (Espinosa 1921).

SUBSTRATE—On decayed trunks.

DISTRIBUTION—Marga Marga, Santiago, Cachapoal.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1983, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Phlebiopsis crassa*** (Lév.) Floudas & Hibbett

FIRST CITATION—*Stereum umbrinum* Fr. (Mujica & al. 1980).

DISTRIBUTION—Talca.

***Polyporus albus*** (Huds.) Fr.

FIRST CITATION—*Polyporus albus* (Huds.) Fr. (Spegazzini 1922).

SUBSTRATE—On *Nothofagus* sp.

DISTRIBUTION—Magallanes.

REMARKS—Probably *Postia pelicullosa* (Berk.) Rajchenb., base on Spegazzini (1922) description (note by the authors).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Polyporus enteroleucus*** Fr.

FIRST CITATION—*Polyporus enteroleucus* Fr. (Fries 1838).

TYPE SPECIMEN—CHILE.

DISTRIBUTION—Location is not indicated.

REMARKS—Probably *Ganoderma* sp. (Ryvarden 1991).

OTHER REFERENCES—Montagne 1850, Mujica & al. 1980, Ryvarden 1991, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Punctularia strigosozonata*** (Schwein.) P.H.B. Talbot

FIRST CITATION—*Phlebia reflexa* Berk (Espinosa 1917b).

DISTRIBUTION—Linares.

OTHER REFERENCES—Espinosa 1928, Mujica & al. 1980, Lazo 1996a.

***Radulomyces molaris*** (Chaillat ex Fr.) M.P. Christ.

FIRST CITATION—*Hydnum membranaceum* Bull. var. *dryinum* Mont. (Montagne 1835).

SUBSTRATE—On bark.

DISTRIBUTION—Valparaíso (Juan Fernández Archipelago).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Resinicium bicolor*** (Alb. & Schwein.) Parmasto

FIRST CITATION—*Hydnum bicolor* Alb. & Schwein. (Romell 1928).

DISTRIBUTION—Valparaíso (Robinson Crusoe Island).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Sidera vulgaris*** (Fr.) Miettinen

FIRST CITATION—*Polyporus vulgaris* Fr. (Montagne 1835).

SUBSTRATE—On wood.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island).

OTHER REFERENCES—Berkeley 1839, Montagne 1850, Johow 1896, Gotschlich 1913, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Steccherinum ochraceum*** (Pers. ex J.F. Gmel.) Gray

FIRST CITATION—*Hydnum ochraceum* Pers. ex J.F. Gmel. (Montagne 1835).

SUBSTRATE—On bark.

DISTRIBUTION—Valparaíso (Robinson Crusoe Island).

OTHER REFERENCES—Montagne 1850, Hemsley 1885, Johow 1896, Mujica & al. 1980, Lazo 1996a.

***Stereum desolationis*** Speg.

FIRST CITATION—Spegazzini 1887b.

TYPE SPECIMEN—CHILE (holotype LPS 4068).

SUBSTRATE—On decayed trunks.

DISTRIBUTION—Antártica Chilena.

REMARKS—Holotype sterile and indeterminable (Rajchenberg & Wright 1987).

OTHER REFERENCES—Mujica & al. 1980, Rajchenberg & Wright 1987, Lazo 1996a.

***Stereum rugosum*** Pers.

FIRST CITATION—*Thelephora rugosa* (Pers.) Pers. (Montagne 1835).

SUBSTRATE—On dead branches. On *Nothofagus antarctica*, *N. pumilio* and *Nothofagus* sp.

DISTRIBUTION—Concepción, Malleco, Cautín, Valdivia, Magallanes.

REMARKS—Possibly *Stereum greslebiniae* (Gorjón & Hallenberg 2012a).

OTHER REFERENCES—Montagne 1850, Spegazzini 1887b, Bresadola 1900, Mujica & al. 1980, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004, Gorjón & Hallenberg 2012a.

***Stereum sanguinolentum*** (Alb. & Schwein.) Fr.

FIRST CITATION—Butin & Peredo 1986.

SUBSTRATE—On standing conifers.

DISTRIBUTION—Location is not given.

***Stereum vellereum*** Berk.

FIRST CITATION—*Stereum rigidulum* Speg. (Espinosa 1917b).

DISTRIBUTION—Santiago, Linares.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Farr & Rossman 2020.

***Stereum versicolor*** (Sw.) Fr.

FIRST CITATION—Spegazzini 1910.

SUBSTRATE—On wooden beams.

DISTRIBUTION—Valdivia.

OTHER REFERENCES—Mujica & al. 1980.

***Trametes ectypa*** (Berk. & M.A. Curtis) Gilb. & Ryvar den

FIRST CITATION—*Polystictus ectypus* (Berk. & M.A. Curtis) Cooke (Espinosa 1917b).

DISTRIBUTION—Santiago.

REMARKS—Probably *Trametes versicolor* (L.) Lloyd (note by the authors).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, MyCoPortal 2020.

***Trametes gibbosa*** (Pers.) Fr.

FIRST CITATION—Tortella & al. 2008.

DISTRIBUTION—Cautín.

REMARKS—Probably *Trametes betulina* (L.) Pilát (note by the authors).

***Trametes hirsuta*** (Wulfen) Lloyd

FIRST CITATION—*Polyporus hirsutus* (Wulfen) Fr. (Léveillé 1846).

DISTRIBUTION—Valparaíso, Cautín.

REMARKS—Probably *Trametes versicolor* (L.) Lloyd (note by the authors).

OTHER REFERENCES—Berkeley 1877, Espinosa 1917b, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Tortella & al. 2008, Acevedo & Naulin 2020.

***Trametes leptaula*** Speg.

FIRST CITATION—Spegazzini 1918.

TYPE SPECIMEN—CHILE (holotype LPS 24962).

SUBSTRATE—On decayed wood. On *Cryptocarya alba*.

DISTRIBUTION—Marga Marga.

REMARKS—Probably *Postia pelliculosa* (Berk.) Rajchenb. (Rajchenberg & Wright 1987) but the host is unusual.

OTHER REFERENCES—Spegazzini 1921, Mujica & al. 1980, Rajchenberg & Wright 1987, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Trametes ochracea*** (Pers.) Gilb. & Ryvardeen

FIRST CITATION—*Polystictus zonatus* (Nees) Fr. (Espinosa 1917b).

DISTRIBUTION—Valparaíso (Alejandro Selkirk Island).

OTHER REFERENCES—Romell 1928, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Trametes polyzona*** (Pers.) Justo

FIRST CITATION—*Polystictus cyclodes* Fr. (Sydow 1928).

SUBSTRATE—On dead trunks.

DISTRIBUTION—Valparaíso. Chiloé.

REMARKS—Probably *Trametes versicolor* (L.) Lloyd (note by the authors).

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Acevedo & Naulin 2020, The New York Botanical Garden 2020.

***Trametes pubescens*** (Schumach.) Pilát

FIRST CITATION—*Polystictus velutinus* (Pers.) Sacc. (Spegazzini 1917a).

OTHER REFERENCES—Mujica & al. 1980, Acevedo & Naulin 2020.

***Trametopsis cervina*** (Schwein.) Tomsovský

FIRST CITATION—*Boletus cervinus* Schwein. (Bertero 1828).

DISTRIBUTION—Location is not indicated.

OTHER REFERENCES—Mujica & al. 1980, Acevedo & Naulin 2020.

***Trechispora mollusca*** (Pers.) Liberta

FIRST CITATION—*Boletus molluscus* Pers. (Bertero 1829).

SUBSTRATE—On branches.

DISTRIBUTION—Location is not indicated.

OTHER REFERENCES—Léveillé 1846, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Trechispora nivea*** (Pers.) K.H. Larss.

FIRST CITATION—*Hydnum niveum* (Pers.) Pers. (Montagne 1850).

DISTRIBUTION—Valparaíso (Robinson Crusoe Island).

OTHER REFERENCES—Hemsley 1885, Johow 1896, Mujica & al. 1980, Lazo 1996a.

***Tremella albida*** Huds.

FIRST CITATION—Montagne 1850.

DISTRIBUTION—Location is not indicated.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Tremella fuciformis*** Berk.

FIRST CITATION—Espinosa 1917b.

DISTRIBUTION—Location is not indicated.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Trichaptum sector*** (Ehrenb.) Kreisel

FIRST CITATION—*Polystictus fulvicolor* Speg. (Espinosa 1917b).

DISTRIBUTION—Location is not indicated.

OTHER REFERENCES—Lloyd 1920, Mujica & al. 1980, Lazo 1996a, Acevedo & Naulin 2020.

***Tyromyces pusillus*** (Fr.) G. Cunn.

FIRST CITATION—*Favolus pusillus* Fr. (Montagne 1835).

DISTRIBUTION—Valparaíso (Juan Fernández Archipelago), Cachapoal.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004.

***Xylodon paradoxus*** (Schrad.) Chevall.

FIRST CITATION—*Irpex obliquus* (Schrad.) Fr. (Bresadola 1900).



SUBSTRATE—On *Nothofagus* sp.. branches.

DISTRIBUTION—Lonquimay, Magallanes.

REMARKS—Recorded as *Poria medulla-panis* (Jacq.) Donk in Spegazzini (1921), according to Rajchenberg (1983). Probably *Xylodon patagonicus* J. Fernández-López, Telleria, M. Dueñas & M.P. Martín (note by the authors).

OTHER REFERENCES—Mujica & al. 1980, Rajchenberg 1983, Lazo 1996a, González & Opazo 2002, Acevedo & Naulin 2020, MyCoPortal 2020.

***Xylodon radulooides*** Riebesehl & Langer

FIRST CITATION—*Schizopora radula* (Pers.) Hallenb. (Gorjón & Hallenberg 2012b).

SUBSTRATE—On *Drimys winteri* and *Nothofagus dombeyi*.

DISTRIBUTION—Osorno, Chiloé, Palena.

REMARKS—According to Fernández-López & al. (2019) *X. radulooides* is only known from Europe and Africa. Specimens from Patagonia determined as such are *Xylodon patagonicus* J. Fernández-López, Telleria, M. Dueñas & M.P. Martín.

OTHER REFERENCES—Ortiz & al. 2013, Riebesehl & Langer 2017, Fernández-López & al. 2019, Riebesehl & al. 2019.

**Taxa inferred by molecular analysis only**

***Amylocorticium molle*** (Fr.) Spirin & Zmitr.

FIRST CITATION—*Hypochniciellum molle* (Fr.) Hjortstam (Held & Blanchette 2017).

SUBSTRATE—On lumber.

DISTRIBUTION—Antártica Chilena.

REMARKS—99% LSU sequence identity (Held & Balchette 2017). Cfr. *Amylocorticium iaganicum* (Speg.) Gorjón, Gresl. & Rajchenb..

***Aurantiopileus mayaensis*** Ginns, D.L. Lindner & T.J. Baroni

FIRST CITATION—*Aurantiporus mayaensis* (Ginns, D.L. Lindner & T.J. Baroni) Zmitr. (Ortiz & al. 2014b).

SUBSTRATE—On lumber.

DISTRIBUTION—Chiloé.

REMARKS—99% ITS sequence identity (Ortiz & al. 2014b). Probably *Aurantiporus albidus* Rajchenb. & Cwielong.

OTHER REFERENCES—Ginns & al. 2010.

***Gelatoporia subvermispora*** (Pilát) Niemelä

FIRST CITATION—*Ceriporiopsis subvermispora* (Pilát) Gilb. & Ryvarden (Ortiz & al. 2013).

SUBSTRATE—On *Drimys winteri*.

DISTRIBUTION—Chiloé.

REMARKS—The first report of *G. subvermispora* for Chile was from a culture strain (FP-105752-Sp) originally collected in the USA (Tello & al. 2001). The ITS sequence identity is 99% (Ortiz & al. 2013).

OTHER REFERENCES—Tello & al. 2001, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Hyphodermella corrugata*** (Fr.) J. Erikss. & Ryvarden

FIRST CITATION—Ortiz & al. 2014b.

SUBSTRATE—On lumber.

DISTRIBUTION—Chiloé.

REMARKS—The ITS sequence identity is 93% (Ortiz & al. 2014b).

***Hyphodontia setulosa*** (Berk. & M.A. Curtis) Maas Geest.

FIRST CITATION—*Phlebia setulosa* (Berk. & M.A. Curtis) Nakasone (Ortiz & al. 2013).

SUBSTRATE—On *Luma apiculata*.

DISTRIBUTION—Chiloé.

REMARKS—The LSU sequence identity is 97% (Ortiz & al. 2013).

***Laetiporus squalidus*** R.M. Pires, Motato-Vásquez & A.M. Gugliotta

FIRST CITATION—Schilling & al. 2020.

DISTRIBUTION—Location is not indicated.

REMARKS—The ITS sequence identity is 95% (Schilling & al. 2020). Probably *Laetiporus portentosus* (Berk.) Rajchenb. (note by the authors).

OTHER REFERENCES—Pires & al. 2016.

***Mycoacia fuscoatra*** (Fr.) Donk

FIRST CITATION—Ortiz & al. 2013.

SUBSTRATE—On *Nothofagus dombeyi*.

DISTRIBUTION—Chiloé.

REMARKS—The LSU sequence identity is 99% (Ortiz & al. 2013).

***Peniophora cinerea*** (Pers.) Cooke

FIRST CITATION—Ortiz & al. 2013.

SUBSTRATE—On *Eucryphia cordifolia*.

DISTRIBUTION—Chiloé.

REMARKS—The ITS sequence identity is 99% (Ortiz & al. 2013).

***Phanerochaete affinis*** (Burt) Parmasto

FIRST CITATION—Ortiz & al. 2013.

SUBSTRATE—On *Drimys winteri*.

DISTRIBUTION—Chiloé.

REMARKS—The LSU sequence identity is 97% (Ortiz & al. 2013).

***Phlebia radiata*** Fr.

FIRST CITATION—Ortiz & al. 2013.

DISTRIBUTION—Ranco, Chiloé.

REMARKS—The LSU sequence identity is 99% (Ortiz & al. 2013).

OTHER REFERENCES—MyCoPortal 2020.

***Sistotrema brinkmannii*** (Bres.) J. Erikss.

FIRST CITATION—Ortiz & al. 2014b.

SUBSTRATE—On lumber.

DISTRIBUTION—Chiloé, Antártica Chilena.

REMARKS—The ITS sequence identity has been reported as 99% (Ortiz & al. 2014b), 99% (Held & Blanchette 2017) and 95% (Schilling & al. 2020) in different studies.

OTHER REFERENCES—Held & Blanchette 2017, Schilling & al. 2020.

***Stereum gausapatum*** (Fr.) Fr.

FIRST CITATION—Ortiz & al. 2013.

SUBSTRATE—On *Drimys winteri*.

DISTRIBUTION—Chiloé.

REMARKS—The ITS sequence identity is 100% (Ortiz & al. 2013). Probably *Stereum greslebiniae* Gorjón & Hallenb..

**Excluded Taxa**

***Campanella agaricina*** (Mont.) Lloyd

FIRST CITATION—*Exidia agaricina* Mont. (Montagne 1850).

TYPE SPECIMEN—CHILE (possible type MNHN-PC-FUSION84214).

DISTRIBUTION—Location is not indicated.

SUBSTRATE—On branches.

OTHER REFERENCES—Gay 1854, Mujica & al. 1980, Lazo 1996a.

***Corticium majusculum*** Speg.

FIRST CITATION—Spegazzini 1887b.

TYPE SPECIMEN—ARGENTINA (holotype LPS 3727).

SUBSTRATE—On decayed wood of *Nothofagus*.

DISTRIBUTION—Location in Chile is not indicated.

REMARKS—Sterile and indeterminable (Rajchenberg & Wright 1987).

OTHER REFERENCES—Mujica & al. 1980, Rajchenberg & Wright 1987, Lazo 1996a, González & Opazo 2002, Martínez & Valenzuela 2004.

***Corticium microscopicum*** Speg.

FIRST CITATION—Spegazzini 1887b.

TYPE SPECIMEN—ARGENTINA (holotype LPS 3726).

SUBSTRATE—On *Nothofagus betuloides*.

DISTRIBUTION—Antártica Chilena.

REMARKS—Sterile and indeterminable (Rajchenberg & Wright 1987).

OTHER REFERENCES—Rajchenberg & Wright 1987.

***Ganoderma philippii*** (Bres. & Henn. ex Sacc.) Bres.

FIRST CITATION—*Fomes philippii* Bres. & Henn. ex Sacc. (Bresadola 1932).

SUBSTRATE—On trunks.

REMARKS—According to Gottlieb (1997), Bresadola wrongly locates Mergui (Myanmar) in Chile.

OTHER REFERENCES—Saccardo 1891, Espinosa 1921, Gottlieb 1997.

***Guepinia helotioidea*** Berk.

FIRST CITATION—Hariot & al. 1889.

SUBSTRATE—On decayed wood.

DISTRIBUTION—Antártica Chilena.

REMARKS—This species name is not cited either in IndexFungorum or Mycobank.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

***Perenniporia medulla-panis*** (Jacq.) Donk

FIRST CITATION—*Poria medulla-panis* (Jacq.) Cooke (Spegazzini 1921).

DISTRIBUTION—Marga Marga.

REMARKS—Cited as *Poria medulla-panis* by Spegazzini (1921), it corresponds to *Xylodon patagonicus* J. Fernández-López, Tellería, M. Dueñas & M.P. Martín (Rajchenberg 1983).

OTHER REFERENCES—Mujica & al. 1980, Rajchenberg 1983, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Phaeolus schweinitzii*** (Fr.) Pat.

FIRST CITATION—Martínez & Valenzuela 2004.

REMARKS—The original source (INFOR-CONAF 1998) used by Martínez & Valenzuela (2004) does not mention its occurrence in Chile.

OTHER REFERENCES—INFOR-CONAF 1998.

***Phanerodontia chrysosporium*** (Burds.) Hjortstam & Ryvarde

FIRST CITATION—*Phanerochaete chrysosporium* Burds. (Martínez & Valenzuela 2004).

REMARKS—A strain from a foreign commercial culture collection which was mistakenly considered as an isolated strain from Chile by Martínez & Valenzuela (2004).

OTHER REFERENCES—Galeno & Agosín 1990, Larrondo & al. 2003.

***Polyporus arenarius*** Klotzsch

FIRST CITATION—Mujica & al. 1980.

REMARKS—Berkeley (1839) does not mention Chile as the locality for *P. arenarius* but rather, indicates the "East Indies". Mujica & al. (1980) based this record on Berkeley's work.

OTHER REFERENCES—Berkeley 1839, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Pycnoporus cinnabarinus*** (Jacq.) P. Karst.

FIRST CITATION—Espinosa 1917b.

SUBSTRATE—On dead wood.

DISTRIBUTION—Concepción, Malleco, Cautín, Valdivia, Chiloé.

OTHER REFERENCES—Nobles & Frew 1962, Mujica & al. 1980, Cifuentes & Martínez 1992, Lazo 1996a, Martínez & Valenzuela 2004, Donoso & al. 2008, Lazo 2016, Acevedo & Naulin 2020, MyCoPortal 2020.

***Rhodonia placenta*** (Fr.) Niemelä, K.H. Larss. & Schigel

FIRST CITATION—*Poria placenta* (Fr.) Cooke (Parada & al. 2000).

REMARKS—The record is known from a strain at the culture collection, Laboratorio de Patología Forestal, Universidad de La Frontera, Chile (Parada & al. 2000).

OTHER REFERENCES—Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Trametes albidorosea*** E. Bommer & M. Rousseau

FIRST CITATION—Bommer & Rosseau 1900.

TYPE SPECIMEN—ARGENTINA (n° 106).

SUBSTRATE—On *Nothofagus* sp.

REMARKS—Mujica & al. (1980) erroneously attributes the locality of Lapataia as Chilean territory.

OTHER REFERENCES—Bommer & Rousseau 1905, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Trametes modesta*** (Kunze ex Fr.) Ryvarden

FIRST CITATION—*Polyporus modestus* Kunze ex Fr. (Fries 1830).

REMARKS—According to Montagne (1850) the collection was received from Chile by Fries, however, the original reference (Fries 1830) indicates that it was collected on stumps in Suriname.

OTHER REFERENCES—Montagne 1850, Mujica & al. 1980, Lazo 1996a, Martínez & Valenzuela 2004, Acevedo & Naulin 2020.

***Tremella mellea***

FIRST CITATION—*Tremella mellea* (Espinosa 1917b).

Distribution—Locality is not indicated.

REMARKS—This taxon does not have an author of scientific name and is apparently inexistent. Cfr. Index Fungorum and MycoBank.

OTHER REFERENCES—Mujica & al. 1980, Lazo 1996a.

## Discussion

Checklists or species inventories are essential tools for the planning and execution of fungal conservation and survey programs (Moore & al. 2001). Recently, Hawksworth & Lucking (2017) estimated that total fungal diversity worldwide would reach 3.8 million species; currently the number of known species is *ca.* 120000. Knowledge regarding macrofungi generally and aphylloroid fungi in particular, is far from its completion. The scarcity of both information and trained specialists hinders the possibility of finding an accurate quantification of the diversity of species within a specific location (Mueller & al. 2007).

According to Minter & Peredo (2006) Chilean mycobiota reaches 3537 species. Recent quantifications place this count at a higher 4683 (Centro de Análisis de Políticas Públicas 2016). 71 alien species of fungi have been reported (Fuentes & al. 2020). Most of these reports are from between the O'Higgins and Los Lagos regions and are mainly agaricoid fungi (Singer 1969, Garrido & al. 1985, Garrido 1988). This work shows similar distribution patterns for aphylloroid fungi, with almost half of the records being concentrated between the provinces of Valdivia and Palena. Within the Subantarctic subregion a large number of collections have been made in the Valdivian Forest province, traditionally known as the Valdivian district, also treated as the Valdivian Temperate Forest ecoregion (Cabrera & Willink 1980, Olson & al. 2001, Morrone 2018).

To our experience, groups that require special attention and updated taxonomic treatment are the coralloid fungi (*Clavaria*, *Clavulina*, *Clavulinopsis*, *Multiclavula*, *Pistillaria*, *Ramaria*), the jelly fungi (*Calocera*, *Dacrymyces*, *Dacryopinax*, *Exidia*, *Exidiopsis*, *Guepiniopsis*, *Hirneola*, *Tremella*) and the hydroid fungi (*Phellodon*).

Many factors can explain the exceptional biodiversity of Chile and Chilean fungi specifically the latitude and altitude gradients where the land is situated, the vast geological and evolutionary history that is associated with tectonic activity, as well as dispersion and vicariance events. Multiple separations of the Gondwana supercontinent

between 180 and 28 mya, the gradual rise of the Andes during the Miocene and the Last Glacial Maximum between 29,400- and 14,450-years BP shaped the distribution patterns of the currently dominating species (Moreira-Muñoz 2011). In present times, most of the Chilean territories are considered to hold a remarkable number of endemic species while experiencing a significant loss of those species' natural habitats at the same time, as is happening in the central Chile hotspot (Myers & al. 2000).

This checklist collected information on the most frequent hosts of aphylloroid fungi in Chile. The genera belonging to the Australasian floristic elements worth mentioning are *Aristotelia*, *Dicksonia*, *Eucryphia*, *Fuchsia*, and *Nothofagus*; Neotropical like *Chusquea*, *Drimys*, *Myrceugenia*, *Persea*, and *Quillaja*; Antitropical like *Weinmannia*; South Temperate like *Aextoxicon*, *Fitzroya*, *Laureliopsis*, and *Saxegothaea*; Pantropical such as *Cryptocarya*; and Endemics like *Peumus* (Moreira-Muñoz 2011). The hosts with the most associated records are *Nothofagus* spp. with 110 and *Drimys winteri*, *Persea lingue*, and *Saxegothaea conspicua* each with 8 records.

The Juan Fernández Archipelago was the type location of 19 species of aphylloroid species. This may be explained by the scientific expeditions carried out on these islands. Although these territories are considered geologically recent (between 5.8 and 1 mya) similarity analysis linking the floristic composition of Juan Fernández Archipelago and other Chilean regions suggests a stronger link with the Magellanic flora (Moreira-Muñoz 2011).

Because fungi are often dependent and evolve with forest ecosystems, they are critical in forest conservation and are used as a biodiversity surrogate or indicator species (Lonsdale & al. 2008, Halme & al. 2017). Fungi offer a variety of ecosystemic services and form numerous mutualistic associations (Heilmann-Clausen & al. 2014). Threats against the conservation of fungi are essentially identical to those that are faced by other elements of the biota, including the degradation, fragmentation and loss of natural habitats, overexploitation, climate change, and the accumulation of contaminating substances (Dahlberg & al. 2010). Dahlberg & Mueller (2011) suggest multiple operational methods and a step-by-step process for successfully applying the IUCN Red List categories and criteria in a mycological context. Native forests occupy around 18% of the total surface of continental and insular Chile (Ministerio del Medio Ambiente 2018, Centro de Análisis de Políticas Públicas 2019). These forests extend between the regions of Valparaíso and Magallanes, with close to 70% existing from the Los Lagos regions and southwards (Centro de Análisis de Políticas Públicas 2016). In the last decade, the Chilean legislature endorsed the recommendation of including fungi and lichens in public environmental policies (Marín & al. 2018).

The conservation of aphylloroid fungi is closely linked to forest dynamics and its ecology (Gorjón & Bernicchia 2013). In general, this group of organisms has been somewhat relegated from the mycological species inventories, despite their importance in the ecosystems, due to the lack of specialists. With this contribution we intend to lay the foundations for the systematic study of aphylloroid fungi species from Chile and promote new conservation efforts.

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**Appendix**

TABLE 1. Top 10 host species associated with Chilean aphylophoroid fungi.

HOST	#	% OF TOTAL	FLORISTIC ELEMENT (MOREIRA-MUÑOZ 2011)
<i>Nothofagus dombeyi</i>	44	16.99	Australasian
<i>Nothofagus</i> sp.	24	9.27	Australasian
<i>Nothofagus antarctica</i>	14	5.41	Australasian
<i>Nothofagus obliqua</i>	10	3.86	Australasian
<i>Drimys winteri</i>	8	3.09	Neotropical
<i>Persea lingue</i>	8	3.09	Antitropical
<i>Saxegothaea conspicua</i>	8	3.09	South Temperate
<i>Nothofagus pumilio</i>	7	2.70	Australasian
<i>Eucryphia cordifolia</i>	6	2.32	Australasian
<i>Chusquea uliginosa</i>	5	1.93	Neotropical
<i>Cryptocarya alba</i>	5	1.93	Pantropical



TABLE 2. Distributional quantitative overview of Chilean aphyllorphoroid fungi as recorded from north to south.

BIOGEOGRAPHICAL PROVINCE	PROVINCE	#	TOTAL BY BIOGEOGRAPHICAL PROVINCE
Puna	Arica	1	1
Atacama	Tamarugal	2	2
Coquimban	Limarí	3	48
	San Felipe de Aconcagua	1	
	Marga Marga	10	
	Valparaíso	29	
	San Antonio	5	
Santiagoan	Los Andes	1	68
	Santiago	10	
	Melipilla	1	
	Maipo	2	
	Cachapoal	6	
	Colchagua	12	
	Talca	3	
	Cauquenes	3	
	Diguillín	5	
	Concepción	18	
	Biobío	7	
	Maule	Arauco	
Malleco		26	
Cautín		10	
Valdivian Forest	Valdivia	30	254
	Ranco	20	
	Osorno	62	
	Llanquihue	15	
	Chiloé	57	
	Palena	52	
	Aysén	15	
Magellanic Forest	Magallanes	16	16
	Magellanic Moorland	Última Esperanza	
	Antártica Chilena	9	
Patagonia	Tierra del Fuego	9	9