

SINOPSE DE MACROMICETES EM SANTA CATARINA, BRASIL

RÉSUMÉ OF MACROMYCETES FROM SANTA CATARINA STATE,
SOUTHERN BRAZIL

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RESUMO

O inventário continuado de macromicetes, realizado durante 25 anos (1983-2008), em Santa Catarina, originou esta sinopse. As 247 espécies citadas pertencem a *Ascomycota* (35) e *Basidiomycota* (212). Três espécies, *Scutellinia scutellata* (L.) Lambotte, *Daldinia concentrica* (Bolton) Ces. & De Not. e *Thamnomycetes chamissonis* Ehrenb., são registradas pela primeira vez para Santa Catarina.

Palavras-chave: *Ascomycetes*; *Agaricomycetes*; *Fungi*; micodiversidade.

ABSTRACT

A continuous survey of macromycetes, performed for 25 years (1983 to 2008), in Santa Catarina State is provided in this synopsis. A total of 247 species are record, 35 species belonging to *Ascomycota* and 212 to *Basidiomycota*. Three unrecorded species from Santa Catarina are included namely *Scutellinia scutellata* (L.) Lambotte, *Daldinia concentrica* (Bolton) Ces. & De Not. and *Thamnomycetes chamissonis* Ehrenb.

Key words: *Ascomycetes*; *Agaricomycetes*; *Fungi*; mycodiversity.

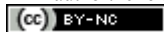
INTRODUCTION

In tropical and subtropical zones, all fungal groups remain relatively understudied. The knowledge about mycodiversity is relatively modest (Hawksworth 2004) despite their immense importance in natural ecosystems as recyclers of organic matter.

Macromycetes is a collective and an arbitrary name to fungi with large ascomata or basidiomata (protective sporulating structures); the majority of macromycetes belong to

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Basidiomycota (mushrooms, puffballs, stinkhorns, toadstools) and a small number fit in Ascomycota (xylariaceous, cup fungi, morels, truffles) according to Kirk *et al.* (2008).

This study is an on-going taxonomic and biogeographical survey of macromycetes in Southern Brazil, especially in forest environments located on Santa Catarina State (Drechsler-Santos *et al.* 2008; Groposo & Loguercio-Leite 2005).

MATERIAL AND METHODS

A major compilation of data is about basidiomycetes and it came from ours results during the continuous study of fungal collections. They have been taking since 1983 in different localities in Santa Catarina State (S 25°57'41" – 29°23'55" and W 48°19'37" – 53°50'00"), Southern Brazil. Complementary information especially about records from Ascomycota and gasteromycetes was obtained from bibliographic data from other authors. Three species (*Scutellinia scutellata*, *Daldinia concentrica* and *Thamnomycetes chamissonis*.) were identified expressly for this résumé, they were studied by traditional methods (Dennis 1956) and they are deposited on Herbarium FLOR (Holmgren & Holmgren 1998). A recent phylogenetic classification was proposed by Hibbett *et al.* (2007), with nomenclatural and taxonomic modifications, especially in higher categories (order and higher levels). This system of classification was accepted by Kirk *et al.* (2008), and it is followed in this article.

RESULTS

The species are listed below in their taxonomic arrangement into Ascomycota and Basidiomycota, according to Kirk *et al.* (2008).

Ascomycota Caval.-Sm

Pezizomycotina O.E.Erikss. & Winka

Dothideales Lindau

Incertae sedis

<i>Xylobotrium portentosum</i> (Mont.) Pat.	Möller 1901; Trierveiler-Pereira <i>et al.</i> 2008
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Helotiales Nannf.ex Korf & Lizon

Helotiaceae Rehm

<i>Chlorociboria aeruginascens</i> subsp. <i>brasiliensis</i> (Berk. & Cooke) J.R.Dixon	Trierveiler-Pereira <i>et al.</i> 2008b
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<i>Chlorociboria aeruginosa</i> (Pers.) Seaver ex C.S. Ramamurthi, Korf & L.R. Batra	Trierveiler-Pereira <i>et al.</i> 2008b
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Hypocreales Lindau

Cordycipitaceae Kreisel ex G.H. Sung, J. M. Sung, Hywel-Jones & Spatafora

<i>Ascopolyporus polyporoides</i> A. Möller	Möller 1901
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Incertae sedis

<i>Mycomalus bambusinus</i> A. Möller	Möller 1901
<i>Pezizales</i> J. Schröt <i>Pyronemataceae</i> Corda	
<i>Scutellinia scutellata</i> (L.) Lambotte	FLOR 31906
<i>Xylariales</i> Nannf. <i>Xylariaceae</i> Tul. & C. Tul.	
<i>Daldinia concentrica</i> (Bolton) Ces. & De Not.	FLOR 31893
<i>Thamnomycetes chamissonis</i> Ehrenb.	FLOR 10789; FLOR 31889 ; FLOR 31890
<i>Xylaria adscendens</i> (Fr.) Fr.	Trierweiler-Pereira et al. 2009
<i>X. allantoidea</i> (Berk.) Fr.	Trierweiler-Pereira et al. 2009
<i>X. anisopleura</i> (Mont.) Fr.	Trierweiler-Pereira et al. 2009
<i>X. aphrodisiaca</i> Welw. & Curr.	Pazschke 1892
<i>X. comosa</i> (Mont.) Fr.	Trierweiler-Pereira et al. 2009
<i>X. cornu-damae</i> (Schwein.) Fr.	Trierweiler-Pereira et al. 2009
<i>X. cubensis</i> (Mont.) Fr.	Trierweiler-Pereira et al. 2009
<i>X. curta</i> Fr.	Trierweiler-Pereira et al. 2009
<i>X. cylindrical</i> Lévl.	Rehm 1901
<i>X. feejeensis</i> (Berk.) Fr.	Rehm 1901; Dennis 1956
<i>X. grammica</i> (Mont.) Fr.	Rehm 1901; Hennings 1902
<i>X. guaranitica</i> (Speg.) Dennis	Dennis 1956
<i>X. hypoxylon</i> (L.) Grev.	Pazschke 1892
<i>X. ianthinovelutina</i> (Mont.) Fr.	Pazschke 1892; Winter 1897; Trierweiler-Pereira et al. 2009
<i>X. luxurians</i> (Rehm) Lloyd	Dennis 1956
<i>X. magnoliae</i> J.D. Rogers	Trierweiler-Pereira et al. 2009
<i>X. mellissii</i> (Berk.) Cooke	Trierweiler-Pereira et al. 2009
<i>X. mesenterica</i> (Möller) M. Stadler, Laessøe & J. Fournier	Möller 1901
<i>X. multiplex</i> (Kunze) Fr.	Viégas 1944
<i>X. nigromedullosa</i> Trierweiler-Pereira & A.I. Romero	Trierweiler-Pereira et al. 2009
<i>X. nodulosa</i> Lloyd	Dennis 1956
<i>X. obovata</i> (Berk.) Berk.	Viégas 1944, Trierweiler-Pereira et al. 2009
<i>X. palmicola</i> G. Winter	Pazschke 1892
<i>X. polymorpha</i> (Pers.) Grev.	Hennings 1902
<i>X. portoricensis</i> Klotzsch	Bresadola 1896
<i>X. scruposa</i> (Fr.) Fr.	Dennis 1956
<i>X. telfairii</i> (Berk.) Sacc.	Hennings 1902, Trierweiler-Pereira et al. 2009

Basidiomycota R. T. Moore	
<i>Agaricomycotina</i> Doweld	
<i>Agaricomycetes</i> Doweld	
<i>Agaricales</i> Underw.	
<i>Agaricaceae</i> Chevall.	
<i>Cyathus poeppigii</i> Tul. & C. Tul.	Hennings 1904
<i>Tulostoma rickii</i> Lloyd	Cortez <i>et al.</i> 2008
<i>Cortinariaceae</i> R. Heim ex Pouzar	
<i>Descomyces albellus</i> (Masse & Rodway) Bougher & Castellano	Giachini <i>et al.</i> 2000
<i>D. albus</i> (Klotzsch) Bougher & Castellano	Giachini <i>et al.</i> 2000
<i>D. giachinii</i> Trappe, V.L. Oliveira, Castellano & Claridge	Giachini <i>et al.</i> 2000
<i>Fistulinaceae</i> Lotsy	
<i>Fistulina hepatica</i> (Schaeff.) With	Gonçalves & Loguercio-Leite 2001
<i>Mycenaceae</i> Overeem	
<i>Panellus pusillus</i> (Pers. ex Lév.) Burdsall & O.K. Miller	Groposo & Loguercio-Leite 2005
<i>Pleurotaceae</i> Kühner	
<i>Pleurotus djamor</i> var. <i>roseus</i> Corner	Trierveiler-Pereira <i>et al.</i> 2009b
<i>Schizophyllaceae</i> Quél.	
<i>Schizophyllum commune</i> (Fr.) Fr.	Groposo & Loguercio-Leite 2005
<i>Auriculariales</i> J. Schröt.	
<i>Auriculariaceae</i> Fr.	
<i>Auricularia delicata</i> (Fr.) Henn.	Drechsler-Santos <i>et al.</i> 2008b
<i>A. fuscosuccinea</i> (Mont.) Henn.	Drechsler-Santos <i>et al.</i> 2008
<i>A. polytricha</i> (Mont.) Sacc.	Drechsler-Santos <i>et al.</i> 2008
<i>Elmerina caryae</i> (Schwein.) D.A. Reid	Loguercio-Leite & Gerber 1997
<i>E. dimidiata</i> (A. David) D.A. Reid	Gerber & Loguercio-Leite 2000
<i>Protomerulius substuppeus</i> (Berk. & Cooke) Ryvarden	Gerber & Loguercio-Leite 2000
<i>Boletales</i> E.-J. Gilbert	
<i>Rhizopogonaceae</i> Gäum. & C.W. Dodge	
<i>Rhizopogon fuscorubens</i> A.H. Sm.	Giachini <i>et al.</i> 2000

<i>R. nigrescens</i> Coker & Couch	Giachini et al. 2000
<i>R. roseolus</i> (Corda) Th. Fr.	Giachini et al. 2000
<i>R. vulgaris</i> (Vittad.) M. Lange	Giachini et al. 2000
<i>R. zelleri</i> A.H. Sm.	Giachini et al. 2000

Sclerodermataceae Corda

<i>Pisolithus albus</i> (Cooke & Masee) Priest	Giachini et al. 2000
<i>P. microcarpus</i> (Cooke & Masee) G. Cunn.	Giachini et al. 2000
<i>Scleroderma albidum</i> Pat. & Trab.	Giachini et al. 2000
<i>S. areolatum</i> Ehrenb.	Giachini et al. 2000
<i>S. bougheri</i> Trappe, Castellano & Giachini	Giachini et al. 2000
<i>S. bovista</i> Fr.	Giachini et al. 2000
<i>S. cepa</i> Pers.	Giachini et al. 2000
<i>S. citrinum</i> Pers.	Giachini et al. 2000
<i>S. floridanum</i> Guzmán	Giachini et al. 2000
<i>S. uruguayense</i> (Guzmán) Guzmán	Giachini et al. 2000
<i>S. verrucosum</i> (Bull.) Pers.	Giachini et al. 2000

Geastrales K. Hosaka & Castellano

Geastraceae Corda

<i>Geastrum ovalisporum</i> Calonge & Mor.-Arr.	Cortez et al. 2008
<i>G. triplex</i> Jungh.	Sebestiansky 2005

Gloeophyllales Thorn

Gloeophyllaceae Jülich

<i>Gloeophyllum striatum</i> (Sw.) Murrill	Loguercio-Leite & Wright 1991
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Hymenochaetales Oberw.

Hymenochaetaceae Imazeki & Toki

<i>Cyclomyces iodinus</i> (Mont.) Pat.	Loguercio-Leite & Wright 1991
<i>Fomitiporia punctata</i> (Fr.) Murrill	Loguercio-Leite & Wright 1991
<i>F. undulata</i> Murrill	Loguercio-Leite & Wright 1991
<i>Fuscoporia callimorpha</i> (Lév.) Groposo, C.L. Leite & Góes-Neto	Loguercio-Leite & Wright 1991
<i>F. contigua</i> (Pers.) G. Cunn.	Loguercio-Leite et al. 2008
<i>F. ferrea</i> (Pers.) G. Cunn.	Loguercio-Leite & Wright 1991
<i>F. ferruginosa</i> (Schrad) Murrill	Loguercio-Leite et al. 2008
<i>F. flavomarginata</i> (Murrill) Groposo, C.L. Leite & Góes-Neto	Loguercio-Leite & Wright 1991
<i>F. gilva</i> (Schw.: Fr.) T. Wagner et & M. Fisch.	Loguercio-Leite & Wright 1991
<i>F. punctatiformis</i> (Murrill) Zmitr., V. Malysheva & Spirin	Loguercio-Leite & Wright 1991

<i>F. rhabarbarina</i> (Berk.) Groposo, C.L. Leite & Góes-Neto	Gerber & Loguercio-Leite 1997
<i>F. wahlbergii</i> (Fr.) T. Wagner & M. Fisch.	Loguercio-Leite & Wright 1991
<i>Hydnochaete peroxydata</i> (Berk. ex Cooke) Dennis	Drechsler-Santos <i>et al.</i> 2008b
<i>Hymenochaete anomala</i> Burt	Drechsler-Santos <i>et al.</i> 2008
<i>H. corrugata</i> (Fr.) Lév.	Groposo & Loguercio-Leite 2005
<i>H. damicornis</i> (Link) Lév.	Drechsler-Santos <i>et al.</i> 2008b
<i>H. minuscula</i> G. Cunn.	Groposo & Loguercio-Leite 2005
<i>H. rhabarberina</i> (Berk.) Cooke	Drechsler-Santos <i>et al.</i> 2008
<i>H. sallei</i> Berk. & M.A. Curtis	Groposo & Loguercio-Leite 2005
<i>Inonotus luteoumbrinus</i> (Romell) Ryvarden	Gerber & Loguercio-Leite 2000
<i>I. tabacinus</i> (Mont.) G. Cunn.	Groposo & Loguercio-Leite 2005
<i>I. patouillardii</i> (Rick) Imazeki	Loguercio-Leite & Wright 1991
<i>Phellinus allardii</i> (Bres.) S. Ahmad	Gerber & Loguercio-Leite 1997
<i>P. apiahynus</i> (Speg.) Rajchenb. & J.E. Wright	Loguercio-Leite & Wright 1991
<i>P. bambusarum</i> (Rick) M.J. Larsen	Gerber & Loguercio-Leite 2000
<i>P. bambusinus</i> (Pat.) Pat.	Loguercio-Leite <i>et al.</i> 2008
<i>P. cesatii</i> (Bres.) Ryvarden	Loguercio-Leite & Wright 1995
<i>P. glaucescens</i> (Petch) Ryvarden	Groposo <i>et al.</i> 2007
<i>P. grenadensis</i> (Murrill) Ryvarden	Gerber & Loguercio-Leite 2000
<i>P. linteus</i> (Berk. & M.A. Curtis) Teng	Groposo <i>et al.</i> 2007
<i>P. melanodermus</i> (Pat.) M. Fidalgo	Groposo <i>et al.</i> 2007
<i>P. pullus</i> (Mont. & Berk.) Ryvarden	Groposo <i>et al.</i> 2007
<i>P. robustus</i> (P. Karst.) Bourdot & Galzin	Loguercio-Leite <i>et al.</i> 2008
<i>P. sarcites</i> (Fr.) Ryvarden	Groposo <i>et al.</i> 2007
<i>P. umbrinellus</i> (Bres.) Herrera & Bondarzeva	Loguercio-Leite & Wright 1991
<i>Phylloporia chrysiata</i> (Berk.) Ryvarden	Loguercio-Leite & Wright 1991
<i>P. spathulata</i> (Hook.) Ryvarden	Loguercio-Leite & Wright 1991
<i>Schizoporaceae</i> Jülich	
<i>Hyphodontia sambuci</i> (Pers.) J. Erikss.	Trierveiler-Pereira <i>et al.</i> 2009b
<i>Schizopora flavipora</i> (Berk. & M.A. Curtis ex Cooke) Ryvarden	Loguercio-Leite & Wright 1991
<i>S. paradoxa</i> (Schrud.) Donk	Loguercio-Leite & Wright 1991
<i>Oxyporus latemarginatus</i> (Durieu & Mont.) Donk	Loguercio-Leite <i>et al.</i> 2008
<i>Hysterangiales</i> K. Hosaka & Castellano	
<i>Hysterangiaceae</i> E. Fisch.	
<i>Hysterangium gardneri</i> E. Fisch.	Giachini <i>et al.</i> 2000
<i>Mesophelliaceae</i> Jülich	

<i>Chondrogaster angustisporus</i>	Giachini, Giachini et al. 2000
Castellano, Trappe & V. L. Oliveira	
<i>Phallogastraceae</i> Locq.	
<i>Protuberia maracuja</i> A. Möller	Möller 1895
<i>Phallales</i> E. Fisch	
<i>Phallaceae</i> Corda	
<i>Blumenavia rhacodes</i> A. Möller	Möller 1895
<i>Clathrus chrysomycelinus</i> A. Möller	Möller 1895
<i>Phallus callichrous</i> (A. Möller) Lloyd	Möller 1895
<i>P. galericulatus</i> (A. Möller) Kreisel	Möller 1895
<i>P. glutinolens</i> (A. Möller) Kuntze	Möller 1895
<i>P. indusiatus</i> Schldtl.	Möller 1895
<i>P. subtilis</i> (A. Möller) Lloyd	Möller 1895
<i>Pseudocolus garciae</i> (A. Möller) Lloyd	Möller 1895
<i>Polyporales</i> Gäum.	
<i>Boreostereaceae</i> Jülich	
<i>Mycobonia flava</i> (Sw.) Fr.	Drechsler-Santos et al. 2008
<i>Fomitopsidaceae</i> Jülich	
<i>Fomitopsis feei</i> Jülich	Gerber & Loguercio-Leite 2000
<i>Fomitella supina</i> (Sw.) Murrill	Loguercio-Leite & Wright 1991
<i>Laetiporus sulphureus</i> (Bull.) Murrill	Drechsler-Santos et al. 2008b
<i>Ganodermataceae</i> Donk	
<i>Amauroderma brasiliensis</i> (Singer) Ryvarden	Groposo & Loguercio-Leite 2005
<i>A. camerarium</i> (Berk.) Furtado	Groposo & Loguercio-Leite 2005
<i>A. intermedium</i> (Bres. & Pat.) Torrend	Furtado 1981
<i>A. ophalodes</i> (Berk.) Torrend	Loguercio-Leite & Wright 1991
<i>Ganoderma annulare</i> (Lloyd) Boedijn	Gerber & Loguercio-Leite 1997
<i>G. applanatum</i> (Pers.) Pat.	Groposo et al. 2005
<i>G. australe</i> (Fr.) Pat.	Loguercio-Leite et al. 2005
<i>G. lucidum</i> (Curtis) P. Karst.	Groposo et al. 2005
<i>G. oerstedii</i> (Fr.) Torrend	Groposo et al. 2005
<i>G. multiplicatum</i> (Mont.) Pat.	Drechsler-Santos et al. 2008b
<i>G. resinaceum</i> Boudier	Groposo et al. 2005
<i>G. subamboinense</i> (Henn.) Bazzalo & Wright	Groposo et al. 2005
<i>G. tornatum</i> (Per.) Bres.	Loguercio-Leite & Wright 1991
<i>Humphreya coffeata</i> (Berk.) Steyaert	Drechsler-Santos et al. 2008b

Grammotheleaceae Berk. & M. A. Curtis

Grammothele subargentea (Speg.) Drechsler-Santos *et al.* 2008b
Rajchenb.

Hapalopilaceae Jülich

Bjerkandera adusta (Willd.: Fr.) Karst. Loguercio-Leite & Wright 1991
Ceriporia mellea (Berk. & Br.) Ryvarden Loguercio-Leite & Wright 1991
C. tarda (Berk.) Ginns Loguercio-Leite *et al.* 2008
C. xylostromatoides (Berk.) Ryvarden Loguercio-Leite & Wright 1991
Ceriporiopsis cystidiata C.L. Leite, G.V.C. Loguercio-Leite *et al.* 2001
Gonc. & Ryvarden
C. pannocincta (Romell) Gilbn. & Ryvarden Loguercio-Leite & Wright 1991

Meripilaceae Jülich

Antrodia albida (Fr.) Donk Loguercio-Leite & Wright 1991
Henningsia brasiliensis (Speg.) Speg. Gerber & Loguercio-Leite 2000
Hydnopolyporus fimbriatus (Fr.) D.A. Reid Gerber & Loguercio-Leite 2000
Physisporinus sanguinolentus (Alb. & Schwein.) Pilát Gerber & Loguercio-Leite 2000
Rigidoporus amazonicus Ryvarden Gerber & Loguercio-Leite 2000
R. microporus (Sw.) Overeem Groposo & Loguercio-Leite 2005
R. lineatus (Pers.) Ryvarden Loguercio-Leite & Wright 1991
R. ulmarius (Sowerby ex Fr.) Imazeki Gerber & Loguercio-Leite 1997
R. vincetus (Berk.) Ryvarden Loguercio-Leite & Wright 1991

Meruliaceae P. Karst.

Cerocorticium molle (Berk. & M.A. Curtis) Trierweiler-Pereira *et al.* 2009b
Jülich
Cymatoderma caperatum (Berk. & Mont.) Drechsler-Santos *et al.* 2008
D.A. Reid
C. dendriticum (Pers.) D.A. Reid Groposo & Loguercio-Leite 2005
Flaviporus brownii (Humb.) Donk. Gerber & Loguercio-Leite 1997
F. liebmannii (Fr.) Ginns Loguercio-Leite & Wright 1991
F. subhydrophilus (Speg.) Rajchenb. & J.E. Wright Gerber & Loguercio-Leite 1997
Gloeoporus dichrous (Fr.) Bres. Loguercio-Leite & Wright 1991
G. thelephoroides (Hook.) G. Cunn. Loguercio-Leite & Wright 1991
Irpex lacteus (Fr.) Fr. Loguercio-Leite *et al.* 2008
Junghuhnia polycystidifera (Rick) Rajchenb. Loguercio-Leite & Wright 1991
J. undigera (Berk. & M.A. Curtis) Ryvarden Loguercio-Leite & Wright 1991
Merulius tremellosus Schrad. Drechsler-Santos *et al.* 2008

<i>Steccherinum ochraceum</i> (Pers.) Gray	Drechsler-Santos <i>et al.</i> 2008b
<i>S. reniforme</i> (Berk. & M.A. Curtis) Banker	Drechsler-Santos <i>et al.</i> 2008b
<i>Phanerochaetaceae</i> Jülich	
<i>Antrodiella multipileata</i> C.L. Leite & Wright	Loguercio-Leite & Wright 1991b
<i>A. semisupina</i> (Berk. & M.A. Curtis.) Ryvarden	Loguercio-Leite & Wright 1991
<i>Polyporaceae</i> Fr. ex Corda	
<i>Coriolopsis aspera</i> (Jung.) Teng	Trierveiler-Pereira <i>et al.</i> 2009b
<i>C. caperata</i> (Berk.) Murrill	Gerber & Loguercio-Leite 2000
<i>C. polyzona</i> (Pers.) Ryvarden	Gerber & Loguercio-Leite 2000
<i>C. rigida</i> (Berk. & Mont.) Murrill	Loguercio-Leite & Wright 1991
<i>Datronia scutellata</i> (Schwein.) Gilb. & Ryvarden	Loguercio-Leite & Wright 1991
<i>Dichomitus anoetoporus</i> (Berk. & M.A. Curtis) Ryvarden	Loguercio-Leite & Wright 1991
<i>D. citricremeus</i> Masuka & Ryvarden	Gonçalves & Loguercio-Leite 2001
<i>Diplomitoporus dilutabilis</i> C.L. Leite & J.E. Wright	Loguercio-Leite & Wright 1998
<i>Earliella scabrosa</i> (Pers.) Gilbn. & Ryvarden	Gerber & Loguercio-Leite 2000
<i>Echinochaete brachipora</i> (Mont.) Ryvarden	Loguercio-Leite <i>et al.</i> 2008
<i>Fomes fasciatus</i> (Sw.) Cooke	Gerber & Loguercio-Leite 2000
<i>Hexagonia hydnoides</i> (Sw.) M. Fidalgo	Loguercio-Leite & Wright 1991
<i>H. papyracea</i> Berk.	Loguercio-Leite & Wright 1991
<i>H. tenuis</i> J.M. Hook	Loguercio-Leite & Wright 1991
<i>Lentinus badius</i> (Berk.) Berk.	Drechsler-Santos <i>et al.</i> 2008
<i>L. crinitus</i> (L.) Fr.	Groppo & Loguercio-Leite 2005
<i>L. strigellus</i> Berk.	Trierveiler-Pereira <i>et al.</i> 2009b
<i>L. strigosus</i> (Schwein.) Fr.	Groppo & Loguercio-Leite 2005
<i>Lenzites betulina</i> (L.) Fr.	Drechsler-Santos <i>et al.</i> 2008b
<i>Lopharia cinerascens</i> (Schwein.) G. Cunn	Trierveiler-Pereira <i>et al.</i> 2009b
<i>Megasporosporia cavernulosa</i> (Berk.) Ryvarden	Loguercio-Leite & Wright 1991
<i>M. setulosa</i> (Henn.) Rajchenb.	Gerber & Loguercio-Leite 2000
<i>Microporellus dealbatus</i> (Berk. & M.A. Curtis) Murrill	Loguercio-Leite & Wright 1991
<i>M. obovatus</i> (Jung.) Ryvarden	Groppo & Loguercio-Leite 2005
<i>Nigroporus vinosus</i> (Berk.) Murrill	Loguercio-Leite & Wright 1991
<i>Oligoporus subcaesius</i> (A. David) Ryvarden & Gilb.	Loguercio-Leite <i>et al.</i> 2008

<i>Pachykytospora alabamiae</i> (Berk. & Cooke) Ryvarden	Loguercio-Leite & Wright 1991
<i>P. papyracea</i> (Schwein.) Ryvarden	Gerber & Loguercio-Leite 1997
<i>Perenniporia martii</i> (Berk.) Ryvarden	Gerber <i>et al.</i> 1999
<i>P. medulla-panis</i> (Jacq.) Donk	Loguercio-Leite & Gerber 1997
<i>P. ochroleuca</i> (Berk.) Ryvarden	Loguercio-Leite <i>et al.</i> 2008
<i>P. ohiensis</i> (Berk.) Ryvarden	Loguercio-Leite & Wright 1991
<i>P. piperis</i> (Rick) Rajchenb.	Loguercio-Leite & Wright 1991
<i>P. stipitata</i> Ryvarden	Loguercio-Leite & Wright 1991
<i>P. subannosa</i> (Bres.) C. Decock, Herrera & Ryvarden	Gerber <i>et al.</i> 1999
<i>P. tephropora</i> (Mont.) Ryvarden	Gerber <i>et al.</i> 1999
<i>Polyporus arcularius</i> (Batsch) Fr.	Groposo & Loguercio-Leite 2005
<i>P. blanchettianus</i> Berk. & Mont.	Loguercio-Leite & Wright 1991
<i>P. dictyopus</i> Mont.	Loguercio-Leite & Wright 1991
<i>P. guianensis</i> Mont.	Loguercio-Leite & Wright 1991
<i>P. infernalis</i> Berk.	Gerber & Loguercio-Leite 1997
<i>P. leprieurii</i> Mont.	Loguercio-Leite & Wright 1991
<i>P. tenuiculus</i> (P. Beauv.) Fr.	Loguercio-Leite & Wright 1991
<i>P. tricholoma</i> Mont.	Loguercio-Leite & Wright 1991
<i>P. virgatus</i> Berk. & M. A. Curtis	Loguercio-Leite & Wright 1991
<i>Pseudofavolus cucculatus</i> (Mont.) Pat.	Loguercio-Leite & Wright 1991
<i>Pycnoporus sanguineus</i> (L.:Fr.) Murrill	Loguercio-Leite & Wright 1991
<i>Pyrofomes fulvoumbrinus</i> (Bres.) A. David & Rajchenb.	Drechsler-Santos <i>et al.</i> 2008b
<i>Rubroporus carneoporis</i> C.L. Leite, Ryvarden & Groposo.	Loguercio-Leite <i>et al.</i> 2002
<i>Skeletocutis diluta</i> (Rajchenb.) A. David & Rajchenb.	Drechsler-Santos <i>et al.</i> 2008b
<i>S. roseolus</i> (Rick ex Theissen) Rajchenb.	Groposo & Loguercio-Leite 2005
<i>Stiptophyllum erubescens</i> (Berk.) Ryvarden	Drechsler-Santos <i>et al.</i> 2008
<i>Tinctoporellus epimiltinus</i> (Berk. & Broome) Ryvarden	Drechsler-Santos <i>et al.</i> 2008b
<i>Trametes cubensis</i> (Mont.) Sacc.	Loguercio-Leite & Wright 1991
<i>T. elegans</i> (Spreng.) Fr.	Drechsler-Santos <i>et al.</i> 2008b
<i>T. membranacea</i> (Swartz) Kreisel	Groposo & Loguercio-Leite 2005
<i>Trametes nivosa</i> (Berk.) Murrill	Trierveiler-Pereira <i>et al.</i> 2009b
<i>T. pavonia</i> (Berk.) Fr.	Drechsler-Santos <i>et al.</i> 2008b
<i>T. socotrana</i> Cooke	Loguercio-Leite & Wright 1991
<i>T. versicolor</i> (L.) Lloyd	Loguercio-Leite & Wright 1991
<i>T. villosa</i> (Fr.) Kreisel	Loguercio-Leite & Wright 1991
<i>Trichaptum bifforme</i> (Fr.) Ryvarden	Trierveiler-Pereira <i>et al.</i> 2009b
<i>Trichaptum byssogenum</i> (Junghn.)	Campos-Santana & Loguercio-Leite 2008

Ryvarden	
<i>T. sector</i> (Ehrenb.) Kreisel	Loguercio-Leite & Wright 1991
<i>Tyromyces crassisporus</i> C.L. Leite & J.E. Wright	Loguercio-Leite & Wright 1991b
<i>T. hypocitrinus</i> (Berk.) Ryvarden	Drechsler-Santos et al. 2008b
<i>T. leucomallus</i> (Berk. & M.A. Curtis) Murrill	Gerber & Loguercio-Leite 1997
<i>T. tephrus</i> (Pat.) Ryvarden	Drechsler-Santos et al. 2008b
<i>Russulales</i> Kreisel ex P.M. Kirk, P.F. Cannon & J.C. David	
<i>Bondarzewiaceae</i> Kotl. & Pouzar	
<i>Amylospor</i> <i>bracei</i> (Murrill) A. David & Rajchenb.	Loguercio-Leite & Wright 1991
<i>Stecchericium seriatum</i> (Lloyd) Maas Geest.	Drechsler-Santos et al. 2008b
<i>Hericiaceae</i> Donk	
<i>Laxitextum bicolor</i> (Pers.) Lentz.	
<i>Wrightoporia avellanea</i> (Bres.) Pouzar	Drechsler-Santos et al. 2008
<i>W. porilacerata</i> C.L. Leite, A.L. Gerber & Ryvarden	Loguercio-Leite et al. 1998
<i>Trechisporales</i> K. H. Larss.	
<i>Hydnodontaceae</i> Jüllich	
<i>Trechispora farinacea</i> (Pers.) Liberta	Drechsler-Santos et al. 2008b
<i>T. mollusca</i> (Pers.) Liberta	Drechsler-Santos et al. 2008
<i>Dacrymycetes</i> Doweld	
<i>Dacrymycetales</i> Henn.	
<i>Dacrymycetaceae</i> J. Schröt.	
<i>Calocera cornea</i> (Batsch) Fr.	Trierveiler-Pereira et al. 2009b

CONCLUSION

This survey recorded until now 247 species from Santa Catarina, which 35 are *Ascomycota* and 212 *Basidiomycota*. Moreover *Xylaria* (*Ascomycota*) with 27 species is the most representative genera followed by *Phellinus*, with 13 species (*Basidiomycota*). *Scutellinia scutellata* (L.) Lambotte, *Daldinia concentrica* (Bolton) Ces. & De Not. and *Thamnomycetes chamissonis* Ehrenb. despite their commons were not record in Santa Catarina State before. These data are reflecting the projects developed in these years which privileged *Basidiomycota* instead *Ascomycota*.

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