

A SYNOPTIC CATALOGUE OF
CRYPTOGAMS DEPOSITED IN THE
ONTARIO REGION HERBARIUM
IV. SUPPLEMENT 2

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INTRODUCTION

Supplement 2 to the Synoptic Catalogue deals with changes in the collections in SSMF (Cryptogamic Herbarium of the Great Lakes Forest Research Centre, Canadian Forestry Service) following the preparation of Supplement 1 (Volume III of the catalogue). All accessions entered since 31 December 1969 are listed. The transfer of a large number of specimens to DAOM (National Mycological Herbarium of the Biosystematics Research Institute, Research Branch, Canada Department of Agriculture) is reported. The information contained herein aims at augmenting the objectives listed in the introduction to Volume I of the catalogue, namely,

- to list the fungus flora known to occur in Ontario;
- to compile information on host-fungus relationships and on the geographic distribution of fungi represented by specimens in the herbarium;
- to provide an effective identification aid for the use of the mycologist and other staff members concerned with determinations of large numbers of fungus specimens;
- to provide a basis for the construction of identification keys for the Ontario fungus flora;
- to provide an inventory of fungus specimens for use in exchange programs with other herbaria and to indicate areas where additional specimens are needed;
- to standardize the nomenclature, author citations, and abbreviations by staff members.

Recognized synonyms are cross-referenced to the name currently in use. Each name is followed by an alphabetical listing of hosts; geographical location and the respective number of collections are then provided.

A total of 90 ascomycete specimens were added to the herbarium, representing 50 genera and 56 species; of these, three genera and three species are new to the herbarium. The accession of 80 deuteromycete specimens represents 41 genera and 27 species, with seven genera and six species new to the herbarium. The 730 basidiomycete specimens listed in the supplement include the Tomentella collection discussed later and represent 80 genera and 216 species of which three genera and 41 species are new. Species and genera new to the herbarium are marked with one and two asterisks, respectively.

The hosts are listed alphabetically under two headings, namely, Specific Hosts and Miscellaneous Hosts. The host list contains 125 names of which the 18 marked with an asterisk are new to the catalogue. A general index is provided in Section 3 to facilitate the use of this supplement.

Dr. M. J. Larsen, during his tenure as curator of Herbarium SSMF from 1967 to 1970, brought together a comprehensive, worldwide collection of tomentelloid fungi with particular emphasis on the genus Tomentella, reflecting his deep interest in this relatively little-known group of widely distributed Basidiomycetes. On May 1, 1971, subsequent to Dr. Larsen's assumption of duties with the U.S. Forest Service, the bulk of his Tomentella collection, consisting of approximately 1,200

specimens, was transferred to DAOM, and only a small, residual collection of 168 representative specimens was retained at SSMF; these specimens are listed in toto on the respective pages of this supplement. This listing of Tomentella specimens on hand at SSMF replaces the listings presented in volumes II (Basidiomycetes) and III (Supplement 1) of the catalogue. All of Dr. Larsen's specimens of the genera Kneiffiella, Pseudotomentella, and Tomentellopsis are still at SSMF.

ASCOMYCETES

Hemiascomycetidae

Taphrinales

Taphrina caerulescens (Mont. & Desm.) Tul.

Quercus borealis Ontario 1

Taphrina pruni Tul.

Prunus americana Ontario 1

Euascomycetidae

Plectomycetes

Erysiphales

Erysiphe cichoracearum DC. ex Mérat

Eupatorium purpureum Ontario 1

Podosphaera clandestina (Wallr. ex Fr.) Lév.

Prunus serotina Ontario 1

Prunus virginiana Ontario 1

Podosphaera oxycanthae (DC.) dBysee Podosphaera clandestina

Pyrenomycetes

Hypocreales

Hypomyces lactifluorum (Schw.) Tul.

fungicolous Ontario 1

humicolous Michigan 1

Nectria sp.

Carpinus sp. Ontario 1

Nectria cinnabarina (Tode ex Fr.) Fr.also see con. state Tubercularia vulgaris

Ulmus sp. Ontario 1

Scoleconectria cucurbitula (Tode ex Fr.) Booth

Pinus banksiana Ontario 1

Pinus resinosa Ontario 1

Sphaeriales (Allantosporae - AA)

Diatrype bullata (Hoffm. ex Fr.) Fr.

Fagus grandifolia Ontario 1

ASCOMYCETES

Euascomycetidae

Pyrenomycetes

Sphaeriales (Allantosporae - AA)

Diatrypella favacea (Fr.) Ces. & de N.

Betula papyrifera	Ontario	1
-------------------	---------	---

Eutypa acharii Tul.

Populus tremuloides	Ontario	1
---------------------	---------	---

Eutypella angulosa (Nits.) Sacc.

Betula papyrifera	Ontario	1
-------------------	---------	---

Eutypella parasitica Davidson & Lorenz

Acer rubrum	Ontario	1
Acer saccharum	Ontario	1

Leucostoma cincta (Fr.) v. Höhnelt (\equiv Valsa cincta Fr.)Valsa cincta Fr.

Amelanchier sp.	Ontario	1
Sorbus americana	Ontario	1

Leucostoma kunzei (Fr.) Munkalso see con. state Cytospora kunzei

Larix decidua	Ontario	1
Pinus strobus	Ontario	3

Valsa sp.

Populus grandidentata	Ontario	1
Quercus borealis	Ontario	1

Valsa cincta Fr.see Leucostoma cinctaValsa pini (Alb. & Schw.) Fr.also see con. state Cytospora pini

Pinus resinosa	Ontario	1
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Valsa salicina (Pers. ex Fr.) Fr.

Salix sp.	Ontario	1
-----------	---------	---

Valsella sp.

Platanus sp.	Ontario	2
--------------	---------	---

Valsella fertilis (Nits.) Sacc. (= Valsella salicis Fckl.)

Salix sp.	Ontario	1
-----------	---------	---

Valsella salicis Fckl.see Valsella fertilis

ASCOMYCETES

Euascomycetidae

Pyrenomycetes

Sphaeriales (Hyalosporae - A1)

Ceratocystis sp.

Betula alleghaniensis	Ontario	1
-----------------------	---------	---

Ceratocystis ulmi (Buism.) C. Moreau

Ulmus americana	Ontario	1
-----------------	---------	---

Cryptosporella hypoderma (Fr.) Sacc.

Ulmus pumila	Ontario	1
--------------	---------	---

Phyllachora graminis (Pers. ex Fr.) Nits. apud Fckl.

Gramineae	Ontario	1
Spartina sp.	Ontario	1

**Wallrothiella arceuthobii (Pk.) Sacc.

Arceuthobium americanum	Ontario	2
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Sphaeriales (Phaeosporae - A2)

Daldinia vernicosa (Schw.) Ces. & de N.

Betula papyrifera	Ontario	1
-------------------	---------	---

Hypoxylon fuscum Pers. ex Fr.

Corylus sp.	Ontario	1
-------------	---------	---

Hypoxylon mediterraneum (de N.) J.H. Miller

Betula alleghaniensis	Ontario	1
-----------------------	---------	---

Xylaria polymorpha (Pers. ex Fr.) Grev.

Acer saccharum	Ontario	1
Betula alleghaniensis	Ontario	1

Kylosphaera polymorpha (Pers. ex Mérat) Dum.

see Xylaria polymorpha

Sphaeriales (Hyalodidymae - B1)

Cryptodiaporthe densissima (Ell.) Wehm.

Quercus borealis	Ontario	1
------------------	---------	---

Diaporthe dubia Nits.

Acer saccharum	New York	1
----------------	----------	---

Diaporthe leiphaemia (Fr.) Sacc. var. raveneliana (Thuem. & Rehm) Wehm.

Quercus alba	Ontario	1
--------------	---------	---

ASCOMYCETES

Euascomycetidae

Pyrenomycetes

Sphaeriales (Phaeodidymae - B2)

****Amphisphaeria sp.**

Betula alleghaniensis	Ontario	1
-----------------------	---------	---

Discomycetes

Phacidiales

Elytroderma deformans (Weir) Darker

Pinus banksiana	Ontario	1
-----------------	---------	---

Hypoderma rufilabrum (Berk. & Curt.) Duby

Acer spicatum	Ontario	1
---------------	---------	---

Hypodermella laricis Tub.

Larix laricina	Ontario	1
----------------	---------	---

Isthmiella crepidiformis (Darker) Darker

Picea mariana	Ontario	2
---------------	---------	---

Isthmiella faullii (Darker) Darker

Picea mariana	Ontario	1
---------------	---------	---

Lophodermium juniperi (Grev.) Darker

Juniperus communis	Ontario	1
--------------------	---------	---

Lophodermium pinastri (Schrad. ex Hook.) Chev.

Pinus nigra	Ontario	1
-------------	---------	---

Pinus resinosa	Ontario	1
----------------	---------	---

***Lophodermium versicolor (Wallr.) Schroet.**

Salix sp.	Ontario	1
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Naemacyclus niveus (Pers. ex Fr.) Sacc.

Pinus sylvestris	Ontario	1
------------------	---------	---

Rhytisma punctatum (Pers.) Fr.

Acer negundo	Ontario	1
--------------	---------	---

Helotiales

Cenangium abietis (Pers.) Rehm

see Cenangium ferruginosum

Cenangium atropurpureum Cash & Davidson

Pinus banksiana	Ontario	1
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ASCOMYCETES

Euscomycetidae

Discomycetes

Helotiales

<u>Cenangium ferruginosa</u> Fr. ex Fr.		
Pinus resinosa	Ontario	1
Pinus strobus	Ontario	1
<u>Ciborinia</u> sp.		
Populus balsamifera	Ontario	1
<u>Godronia</u> sp.		
Alnus rugosa	Ontario	1
<u>Gremmeniella abietina</u> (lagerberg) Morelet including con. state <u>Brunchorstia pinea</u> (Karst.) Hoehn.		
Picea glauca	Ontario	1
Pinus banksiana	Ontario	2
Pinus contorta var. latifolia	Ontario	2
Pinus nigra	Ontario	2
Pinus resinosa	Ontario	1
Pinus strobus	Ontario	1
Pinus sylvestris	Ontario	2
<u>Lachnella agassizii</u> (Berk. & Curt.) Seaver		
Pinus banksiana	Ontario	1
<u>Lachnella occidentalis</u> (Hahn & Ayers) Seaver		
Larix laricina	Ontario	1
<u>Leotia stipitata</u> (Bosc.) Schroet.		
humicolous	Michigan	1
<u>Ocellaria ocellata</u> Seaver see <u>Pezicula ocellata</u>		
<u>Pezicula ocellata</u> (Pers.) Seaver		
Populus tremuloides	Ontario	1
** <u>Phaeobulgaria inquinans</u> (Pers. ex Fr.) Nannf.		
Quercus borealis	Ontario	1
<u>Scleroderris lagerbergii</u> Gremmen see <u>Gremmeniella abietina</u>		
<u>Tryblidiopsis pinastri</u> (Fr.) Karst.		
Picea glauca	Ontario	1
<u>Tympanis prunicola</u> Groves		
Prunus pensylvanica	Ontario	1

ASCOMYCETES

Euascomycetidae

Discomycetes

Pezizales

Helvella infula Schaeff. ex Fr.

Acer sp.

Ontario 1

Peziza sylvestris (Boud.) Sacc. & Trott.

Picea glauca

Ontario 1

Plectania coccinea (Scop.) Fckl.see Sarcosypha coccineae

lignicolous

Ontario 1

Rhizina undulata Fr. ex Fr.

humicolous

Ontario 1

**Sarcosypha coccineae (Fr.) Lambotte

Loculoascomycetes

Dothideales

Dibotryon morbosum (Schw.) Th. & Syd.see Apiosporina morbosaMycosphaerella sp.

Pinus resinosa

Ontario 1

Pleosporales

Apiosporina morbosa (Schw.) Arx

Prunus virginiana

New York 1

Melanomma pulvis-pyrius (Pers. ex Fr.) Fckl.

Acer saccharum

Ontario 1

DEUTEROMYCETES

Sphaeropsidales

Amerosporae - A

<u>Bothrodiscus pinicola</u> Shear			
Abies balsamea	Ontario		1
<u>Cytospora</u> sp.			
Abies balsamea	Ontario		1
Salix sp.	Ontario		2
<u>Cytospora chrysosperma</u> (Pers.) Fr.			
Populus tremuloides	Ontario		2
Salix sp.	Ontario		2
* <u>Cytospora cincta</u> Sacc.			
Also see perf. state <u>Valsa cincta</u>			
Sorbus aucuparia	Ontario		1
<u>Cytospora intermedia</u> Sacc.			
Quercus borealis	Ontario		1
<u>Cytospora kunzei</u> Sacc.			
also see perf. state <u>Leucostoma kunzei</u>			
Picea glauca	Ontario		1
<u>Cytospora pini</u> Desm.			
also see perf. state <u>Valsa pini</u>			
Pinus strobus	Ontario		2
** <u>Cytosporella</u> sp.			
Pinus resinosa	Ontario		1
Populus tremuloides	Ontario		1
Thuja occidentalis	Ontario		1
<u>Dothichiza populea</u> Sacc. & Briard			
Populus alba	Ontario		1
<u>Dothiorella</u> sp.			
Fagus sp.	Ontario		1
Quercus alba	Ontario		1
Quercus borealis	Ontario		1
<u>Fusicoccum</u> sp.			
Quercus borealis	Ontario		1
<u>Macrophoma</u> sp.			
Tilia americana	Ontario		1
** <u>Phacidiopycnis pseudotsugae</u> (M. Wilson) Hahn			
Pinus strobus	Ontario		2

DEUTEROMYCETES

Sphaeropsidales

Amerosporae - A

Phoma sp.

Ulmus americana	Ontario	1
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Phomopsis sp.

Cornus sp.	Ontario	1
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Pinus strobus	Ontario	1
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Rhizosphaera pini (Cda.) Maubl.

Abies balsamea	Ontario	1
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Sclerophoma pithya (Thuem.) Hoehn.

Pinus banksiana	Ontario	2
-----------------	---------	---

Pinus strobus	Ontario	6
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Zythia sp.

Pinus banksiana	Ontario	1
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Sphaeropsidales

Didymosporae - B

*Ascochyta cassandrae Pk.

Chamaedaphne calyculata	Ontario	1
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Botryodiplodia sp.

Rhus typhina	Ontario	1
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Ulmus americana	Ontario	1
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Darluca filum (Biv.-Bern.) Cast.

Coleosporium asterum	Ontario	1
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Diplodia pinea (Desm.) Kickx

Pinus resinosa	Ontario	1
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Diplodina sp.

Quercus borealis	Ontario	2
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Sphaeropsidales

Dictyosporae - D

Camarosporium robiniae (Westd.) Sacc.

Robinia pseudoacacia	Ontario	1
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**Cytosporium sp.

Abies balsamea	Ontario	1
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DEUTEROMYCETES

Sphaeropsidales

Scolecosporae - E

Gelatinosporium abietinum Pk. conidial state of Dermea balsamea
(Pk.) Seaver

Abies balsamea	Ontario	1
Pinus strobus	Ontario	1

Septoria sp.

Fraxinus americana	Ontario	1
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Sphaerographium fraxini (Pk.) Sacc.

Fraxinus sp.	Ontario	1
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Melanconiales

Amerosporae - A

Gloeosporium sp.

Convolvulus sp.	Ontario	1
Quercus borealis	Ontario	1

Melanconium sp.

Picea glauca	Ontario	1
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Myxosporium sp.

Robinia pseudoacacia	Ontario	1
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Melanconiales

Didymosporae - B

Marssonina juglandis (Lib.) Magn.

Juglans cinerea	Ontario	1
Juglans nigra	Ontario	1

Melanconiales

Phragmosporae - C

Asterosporium asterospermum (Pers. ex S.F. Gray) Hughes

Fagus grandifolia	Ontario	1
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Coryneum kunzei Cda.

Quercus alba	Ontario	1
Quercus borealis	Ontario	3

**Menispora glauca Pers.

Tilia sp.	Ontario	1
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DEUTEROMYCETES

Melanconiales

Scolecosporae - E

Libertella betulina Desm.

Betula alleghaniensis Ontario 1

Libertella faginea Desm.

Fagus sp. Ontario 1

Moniliales

Amerosporae - A

****Cephalosporium** sp.

Acer saccharum Ontario 1

****Cilicpodium** sp.

Rhus typhina Ontario 1

Leptographium sp.

Pinus resinosa Ontario 1

Oidium sp.

Pinus strobus Missouri 1

Tubercularia vulgaris Tode ex Fr.also see perf. state Nectria cinnabarina

Acer saccharum Ontario 1

***Volutella buxi** (DC. ex Fr.) Berk. & Br.

Buxus sp. Ontario 1

Moniliales

Didymosporae - B

Cladosporium sp.

Picea glauca Ontario 1

Pinus resinosa Ontario 1

Populus balsamifera Ontario 1

Thuja occidentalis Ontario 1

Cladosporium variabile (Cke.) de Vries

Pinus banksiana Ontario 1

****Fumago** sp.

Pinus strobus Ontario 1

Spilocaea pomi Fr.(con. state of Venturia inaequalis)

Malus sp. Ontario 1

DEUTEROMYCETES

Moniliales

Phragmosporae - C

Fusarium sp.

Thuja occidentalis	Ontario	1
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*Fusarium decemcellulare Brick

Pinus resinosa	Ontario	1
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Pinus strobus	Ontario	1
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BASIDIOMYCETES

Heterobasidiomycetidae
Uredinales

<u>Aecidium hydnoideum</u> Berk. & Curt.		
Dirca palustris	Ontario	1
<u>Chrysomyxa ledicola</u> Lagh.		
Picea glauca	Ontario	1
Picea mariana	Ontario	1
<u>Chrysomyxa pirolata</u> Wint.		
Pyrola sp.	Ontario	1
<u>Coleosporium asterum</u> (Diet.) Syd.		
Pinus contorta var. latifolia	Ontario	1
Solidago sp.	Ontario	1
Solidago canadensis	Ontario	1
Solidago flexicaulis	Ontario	1
Solidago hispida	Ontario	1
<u>Coleosporium campanulae</u> Lev. ex Kickx		
Campanula rotundifolia	Ontario	3
<u>Cronartium</u> sp.		
Pinus banksiana	Ontario	11
<u>Cronartium coleosporioides</u> Arth.		
Castilleja coccinea	Ontario	1
Pinus banksiana	Ontario	18
<u>Cronartium coleosporioides</u> Arth. complex ³ see <u>Cronartium coleosporioides</u> and <u>Endocronartium harknessii</u>		
<u>Cronartium comandrae</u> Pk.		
Comandra sp.	Ontario	4
Comandra richardsiana	Ontario	4
Pinus banksiana	Ontario	8
<u>Cronartium comptoniae</u> Arth.		
Comptonia peregrina	Ontario	4
Myrica gale	Ontario	4
Pinus banksiana	Ontario	20

³ Cronartium coleosporioides Arth. now is either C. coleosporioides or E. harknessii and number of specimens is total number retained.

BASIDIOMYCETES

Heterobasidiomycetidae

Uredinales

<u>Endocronartium</u> sp.			
Pinus sylvestris	Ontario		1
<u>Endocronartium harknessii</u> (J.P. Moore) Y. Hiratsuka			
Pinus banksiana	Ontario		7
Pinus sylvestris	Ontario		1
<u>Gymnosporangium clavipes</u> (Cke. & Pk.) Cke. & Pk.			
Amelanchier sp.	Ontario		1
Crataegus sp.	Ontario		1
<u>Gymnosporangium globosum</u> Farl.			
Crataegus sp.	Ontario		1
<u>Melampsora</u> sp.			
Salix sp.	Ontario		1
<u>Melampsora abietis-canadensis</u> C.A. Ludwig ex Arth.			
Salix sp.	Ontario		1
Tsuga canadensis	Ontario		3
<u>Melampsora medusae</u> Thuem.			
Populus balsamifera	Ontario		1
Populus deltoides	Ontario		1
Populus tremuloides	Ontario		1
<u>Melampsorella caryophyllacearum</u> Schroet.			
Abies balsamea	Ontario		2
<u>Melampsoridium betulinum</u> (Fr.) Kleb.			
Betula populifolia	Ontario		1
<u>Peridermium stalactiforme</u> Arth. & Kern see <u>Cronartium coleosporioides</u>			
<u>Phragmidium</u> sp.			
Potentilla sp.	Ontario		1
Rubus sp.	Ontario		1
<u>Phragmidium americanum</u> (Pk.) Diet.			
Rosa sp.	Ontario		1
Rosa acicularis	Ontario		1
<u>Phragmidium ivesiae</u> Syd.			
Potentilla recta	Ontario		2

BASIDIOMYCETES

Heterobasidiomycetidae

Uredinales

<u>Phragmidium</u> <u>potentillae</u> (Pers.) Karst.		
Potentilla recta	Ontario	1
<u>Puccinia</u> <u>bolleyana</u> Sacc.		
Sambucus canadensis	Ontario	1
<u>Puccinia</u> <u>caricina</u> DC.		
Carex sp.	Ontario	1
Ribes sp.	Ontario	1
Ribes glandulosum	Ontario	3
* <u>Puccinia</u> <u>caricis-shepherdiae</u> J.J. Davis		
<u>Shepherdia</u> <u>canadensis</u>	Ontario	1
* <u>Puccinia</u> <u>cnici</u> Mart.		
Cirsium arvense	Ontario	1
<u>Puccinia</u> <u>coronata</u> Cda.		
Rhamnus sp.	Ontario	1
<u>Puccinia</u> <u>graminis</u> Pers.		
Berberis sp.	Ontario	1
<u>Puccinia</u> <u>menthae</u> Pers.		
Satureja vulgaris	Ontario	1
<u>Puccinia</u> <u>podophylli</u> Schw.		
Podophyllum peltatum	Ontario	4
<u>Puccinia</u> <u>porphyrogenita</u> Curt. ex Thuem.		
Cornus canadensis	Ontario	2
<u>Puccinia</u> <u>recondita</u> Rob. ex Desm.		
Anemone quinquefolia var. interior	Ontario	1
Impatiens sp.	Ontario	1
<u>Puccinia</u> <u>violae</u> (Schum.) DC.		
Viola eriocarpa	Ontario	1
<u>Pucciniastrum</u> <u>agrimoniae</u> (Diet.) Tranz.		
Agrimonia gryposepala	Ontario	1
* <u>Pucciniastrum</u> <u>arcticum</u> Tranz.		
Picea glauca	Ontario	1

BASIDIOMYCETES

Heterobasidiomycetes

Uredinales

Tranzschelia sp.

Anemone quinquefolia Ontario 1

Tranzschelia anemones (Pers.) Nannf.

Anemone quinquefolia Ontario 1

Uromyces ari-triphylli (Schw.) Seeler

Arisaema triphyllum Ontario 2

Tremellales

Dacrymyces punctiformis Neuh.

Pinus strobus Ontario 1

Exidia nucleata (Schw.) Burt

Acer sp. Michigan 1

Pseudohydnum gelatinosum (Pers.) Karst.

Pinus sp. Michigan 1

*Sebacina incrustans (Fr.) Tul.

humicolous Michigan 1

Septobasidium sp.

Acer spicatum Ontario 1

Tremella sp.

lignicolous Arizona 1

Homobasidiomycetidae

Aphyllorphorales

Bankeraceae

Phellodon niger var. alboniger (Pk.) Harrison

Picea abies Ontario 1

Cantharellaceae

*Cantharellus cinereus Fr.

humicolous New York 1

*Cantharellus lutescens Fr.

humicolous Michigan 1

Cantharellus tubaeformis Fr.

humicolous Michigan 1

BASIDIOMYCETES

Homobasidiomycetidae
Aphylliphorales
ClavariaceaeClavulinopsis fusiformis (Fr.) Corner

humicolous Michigan 1

*Mucronella alba Lloyd

lignicolous Ontario 1

Coniophoraceae

Coniophora sp.lignicolous Idaho 1
lignicolous New Mexico 3
Picea sp. New York 1
Populus sp. Arizona 1
Populus sp. Michigan 1*Coniophora arida (Fr.) Karst.lignicolous New Mexico 1
lignicolous New York 2
Picea sp. New York 1
Pinus strobus Ontario 1
Populus sp. Arizona 1Coniophora mustialaensis (Karst.) Mass.

Acer sp. New York 1

Coniophora olivacea (Fr. ex Pers.) Karst.lignicolous Alberta 1
lignicolous British Columbia 2
lignicolous Ontario 1
Castanea sp. New York 1
Populus sp. New York 1
Ulmus sp. New York 1Coniophora puteana (Schum. ex Fr.) Karst.lignicolous Idaho 1
lignicolous India 2
lignicolous New Mexico 4
Acer sp. Ontario 1
Acer saccharum Ontario 1
Betula sp. Ontario 1
Quercus sp. Ontario 1Serpula himantioides (Fr.) Karst.Abies sp. New Mexico 1
Pinus ponderosa New Mexico 1

BASIDIOMYCETES

Homobasidiomycetidae
Aphylophorales
ConiophoraceaeSerpula lacrimans (Wulf. apud Jacq. ex Fr.) Schroet.

Betula sp.	Michigan	1
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Corticaceae

Amphinema byssoides (Pers. ex Fr.) John Erikss.

lignicolous	Arizona	1
lignicolous	Alberta	2
lignicolous	British Columbia	1
lignicolous	New Mexico	1
Betula sp.	Arizona	1
Pinus contorta	Alberta	1
Populus tremuloides	Alberta	1

Athelia sp.

Tsuga sp.	New York	1
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Botryobasidium sp.

lignicolous	Ontario	1
Populus sp.	Michigan	1
Quercus sp.	Ontario	1
Robinia pseudoacacia	Tennessee	1

*Botryobasidium flavescens (Bon.) Rogers

fungicolous	Michigan	1
lignicolous	New York	1

Botryobasidium isabellinum (Fr.) Rogers

fungicolous	Montana	1
lignicolous	New York	4
Acer sp.	New York	1
Pinus sp.	North Carolina	1
Populus sp.	New York	1
Tsuga sp.	New York	1

Byssocorticium atrovirens (Fr.) Bond. & Singer

Acer sp.	New York	3
Pinus strobus	New York	1
Tsuga sp.	Michigan	1

Corticium sp.

lignicolous	New Mexico	1
Populus sp.	Michigan	1
Tilia sp.	New York	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphylophorales
Corticaceae

<u>Corticium bicolor</u> Pk.			
Abies sp.	New Mexico		1
<u>Corticium echinosporum</u> Ell.			
lignicolous	New York		1
Acer sp.	New York		1
Pinus sp.	Arizona		1
<u>Corticium polyporoideum</u> Berk. & Curt.			
Pinus sp.	Tennessee		1
<u>Cristella</u> sp.			
lignicolous	Massachusetts		1
lignicolous	Costa Rica		1
Alnus rugosa	Ontario		1
Tsuga sp.	New York		1
Sequoia sempervirens	California		1
<u>Cristella sulphurea</u> (Pers. ex Fr.) Donk			
Pinus resinosa	New York		1
<u>Cryptochaete rufa</u> (Fr.) Karst.			
Populus sp.	New York		1
<u>Gloeocystidiellum</u> sp.			
Populus sp.	Arizona		1
Populus sp.	Michigan		1
* <u>Gloeocystidiellum heterogeneum</u> (Bourd. & Galz.) Donk			
Abies sp.	New Mexico		2
<u>Gloeocystidiellum porosum</u> (Berk. & Curt.) Donk			
Populus sp.	New Mexico		2
Prunus sp.	Michigan		1
<u>Gloeocystidiellum radiosum</u> (Fr.) Boid.			
lignicolous	Arizona		1
Pinus sp.	Arizona		1
<u>Hyphoderma</u> sp.			
Picea sp.	Arizona		1
* <u>Hyphoderma clavigerum</u> (Bres.) Donk			
Populus sp.	Arizona		1

BASIDIOMYCETES

Homobasidiomycetidae
Aphylllophorales
Corticaceae

<u>Hyphoderma radula</u> (Fr. ex Fr.) Donk.		
Prunus sp.	Ontario	1
<u>Hyphoderma setigerum</u> (Fr.) Donk		
fungicolous	New York	1
<u>Hyphodontia arguta</u> (Fr.) John Erikss.		
lignicolous	New York	1
lignicolous	Ontario	1
<u>Hyphodontia breviseta</u> (Karst.) John Erikss.		
lignicolous	Alberta	1
* <u>Hyphodontia pallidula</u> (Bres.) John Erikss.		
Abies sp.	Arizona	1
lignicolous	Arizona	1
<u>Merulius</u> sp.		
lignicolous	New Mexico	1
Betula alleghaniensis	New York	1
Betula alleghaniensis	Ontario	1
Populus sp.	Arizona	1
<u>Merulius aureus</u> Fr.		
Pinus strobus	New York	2
<u>Merulius fugax</u> Fr.		
lignicolous	Arizona	1
Abies sp.	Arizona	1
Pinus ponderosa	Arizona	1
<u>Merulius lacrimans</u> (Wulf. apud Jacq. ex Fr.) Fr.		
see <u>Serpula lacrimans</u>		
<u>Merulius serpens</u> Tode ex Fr.		
lignicolous	New Mexico	1
Abies sp.	Arizona	1
Abies sp.	New Mexico	1
Populus sp.	Arizona	1
Pinus resinosa	New York	1
<u>Merulius taxicola</u> (Pers. ex Fr.) Duby		
Picea sp.	Michigan	1
Tsuga sp.	Michigan	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphylliphorales
CorticaceaeMerulius tremellosus Schrad. ex Fr.

lignicolous	New Mexico	1
lignicolous	New York	1
Acer sp.	Ontario	1

Mycoacia alboviride (Morg.) Miller & Boyle

lignicolous	Ontario	1
Acer sp.	Michigan	1
Acer sp.	New York	1
Pinus strobus	New York	1

Mycoacia fusco-atra (Fr. ex Fr.) Donk

lignicolous	New York	1
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Odontia bicolor (Alb. & Schw. ex Fr.) Bres.

lignicolous	Michigan	1
Picea sp.	Michigan	1

Odontia ciliolata (Berk. & Curt.) Miller

Acer sp.	Ontario	1
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Odontia fimbriata (Pers. ex Fr.) Fr.

Abies sp.	Michigan	1
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Odontia fusco-atra (Fr.) Bres.

see Mycoacia fusco-atra

Odontia pruni Lasch

Populus sp.	Arizona	1
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Peniophora sp.

lignicolous	Alberta	2
lignicolous	Arizona	1
Betula sp.	Ontario	1
Pinus ponderosa	Arizona	1

Peniophora affinis Burt

Fagus sp.	Michigan	1
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Peniophora argillacea (Bres.) Bourd. & Galz.

lignicolous	New Mexico	1
Alnus sp.	Arizona	1

Peniophora aspera (Pers.) Sacc.

lignicolous	Michigan	1
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BASIDIOMYCETES

Homobasidiomycetidae
Aphyllorphorales
Corticaceae

<u>Peniophora burtii</u> Rom.			
lignicolous	New Mexico		5
Juniperus sp.	New Mexico		1
Pinus ponderosa	New Mexico		1
<u>Peniophora cinerea</u> (Fr.) Cke.			
Abies sp.	New Mexico		1
* <u>Peniophora coccinea-fulva</u> (Schw.) Burt			
lignicolous	Arizona		1
* <u>Peniophora crassa</u> Burt			
lignicolous	New Mexico		1
Pinus ponderosa	New Mexico		1
<u>Peniophora gigantea</u> (Fr. ex Fr.) Mass.			
Pinus ponderosa	Arizona		1
* <u>Peniophora guttulifera</u> (Karst.) Sacc.			
Abies sp.	Arizona		1
<u>Peniophora hastata</u> Litsch.			
Pinus ponderosa	Arizona		3
<u>Peniophora longispora</u> (Pat.) Bourd. & Galz.			
lignicolous	Alberta		1
* <u>Peniophora martiana</u> (Berk. & Curt.) Burt			
Betula alleghaniensis	Ontario		1
<u>Peniophora polygonia</u> (Pers. ex Fr.) Bourd. & Galz.			
Populus sp.	New Mexico		1
<u>Peniophora pubera</u> (Fr.) Sacc.			
Acer sp.	Michigan		1
<u>Peniophora sambuci</u> (Pers. ex Fr.) Burt			
Acer saccharum	Ontario		1
<u>Peniophora sanguinea</u> (Fr.) Hoehn. & Litsch.			
lignicolous	Michigan		1
Pinus strobus	New York		1
Quercus sp.	New Mexico		1

BASIDIOMYCETES

Homobasidiomycetidae
Aphyllorphorales
Corticaceae

<u>*Peniophora septocystidia</u> Burt			
Populus sp.	Michigan		1
<u>*Peniophora velutina</u> (DC. ex Pers.) Cke.			
Acer sp.	Michigan		1
Acer sp.	Ontario		1
<u>Phlebia</u> sp.			
lignicolous	Alberta		1
Abies sp.	New Mexico		2
Populus sp.	Arizona		1
<u>Phlebia radiata</u> Fr.			
Acer sp.	Ontario		1
Betula alleghaniensis	New York		1
<u>Phlebia strigoso-zonata</u> (Schw.) Lloyd			
Populus sp.	Michigan		1
<u>Radulum</u> sp.			
lignicolous	Ontario		1
<u>Radulum casearium</u> (Morg.) Lloyd			
Populus sp.	Michigan		1
Populus sp.	Ontario		1
<u>**Repetobasidium mirificum</u> John Erikss.			
Abies sp.	Arizona		1
<u>Scytinostroma galactinum</u> (Fr.) Donk			
Acer sp.	Michigan		1
Populus sp.	Michigan		1
<u>Sistotrema</u> sp.			
Betula sp.	Michigan		1
Populus sp.	New York		1
<u>Sistotrema brinkmannii</u> (Bres.) John Erikss.			
lignicolous	Alberta		1
Gomphaceae			
<u>Ramaria stricta</u> (Fr.) Quél.			
lignicolous	Michigan		1

BASIDIOMYCETES

Homobasidiomycetidae

Aphyllorphorales

Hydnaceae

Steccherinum septentrionale (Fr.) Banker

Acer saccharum	New York	1
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Hymenochaetaceae

Asterodon ferruginosus Pat.

Picea sp.	Michigan	1
Picea sp.	New York	1

Asterostroma andinum Pat.

lignicolous	New Mexico	2
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Asterostroma cervicolor (Berk. & Curt.) Mass.

Abies sp.	New York	1
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Hymenochaete sp.

Thuja sp.	Michigan	1
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Vararia investiens (Schw.) Karst.

Ulmus sp.	New York	1
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Vararia pallescens (Schw.) Rogers & Jacks.

Pinus banksiana	New York	1
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Polyporaceae

Daedalea unicolor Bull. ex Fr.

Betula sp.	Ontario	1
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Favolus alveolaris (DC. ex Fr.) Quél.

lignicolous	New York	1
Populus sp.	Michigan	1
Quercus sp.	New Mexico	1

Fomes annosus (Fr.) Karst.

Pinus resinosa	Ontario	1
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Fomes cajanderi Karst.

Betula sp.	Michigan	1
Pinus strobus	New York	1

Fomes conchatus (Pers. ex Fr.) Gill.

Betula sp.	Ontario	1
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BASIDIOMYCETES

Homobasidiomycetidae

Aphyllorphorales .

Polyporaceae

<u>Fomes connatus</u> (Weinm.) Gill.		
Acer sp.	Ontario	1
<u>Fomes everhartii</u> (Ell. & Gall.) Schrenk & Spauld.		
Quercus sp.	New York	1
<u>Fomes fraxineus</u> (Bull. ex Fr.) Cke.		
Acer sp.	Ontario	1
* <u>Fomes ohiensis</u> (Berk.) Murr.		
Alnus rugosa	Ontario	1
<u>Fomes pinicola</u> (Sw. ex Fr.) Cke.		
Picea sp.	Alberta	1
<u>Polyporus</u> sp.		
Pinus strobus	New York	1
<u>Polyporus abietinus</u> Dicks. ex Fr.		
Abies sp.	New Mexico	1
<u>Polyporus balsameus</u> Pk.		
lignicolous	New Mexico	1
<u>Polyporus brumalis</u> Pers. ex Fr.		
lignicolous	Ontario	1
Acer sp.	Ontario	1
<u>Polyporus caesius</u> Schrad. ex Fr.		
lignicolous	Ontario	1
Ostrya sp.	Ontario	1
Populus sp.	Arizona	1
Populus sp.	Michigan	1
* <u>Polyporus casearius</u> Fr.		
Acer sp.	Ontario	1
<u>Polyporus immitis</u> Pk.		
lignicolous	New Mexico	1
<u>Polyporus melanopus</u> (Sw.) Fr.		
humicolous	Ontario	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphyllophorales
Polyporaceae

<u>Polyporus osseus</u> Kalchb.		
lignicolous	New Mexico	1
<u>Polyporus picipes</u> Fr.		
humicolous	Alberta	1
humicolous	Arizona	1
lignicolous	Michigan	1
lignicolous	Ontario	1
Acer sp.	Michigan	1
<u>Polyporus schweinitzii</u> Fr.		
Picea glauca	Ontario	1
Pinus sp.	Arizona	1
<u>Polyporus sericeomollis</u> Rom.		
Thuja sp.	Michigan	1
<u>Polyporus squamosus</u> Micheli ex Fr.		
Acer sp.	Ontario	1
<u>Polyporus subcartilagineus</u> Overh.		
Pinus ponderosa	Arizona	1
<u>Polyporus sulphureus</u> Bull. ex Fr.		
Quercus sp.	Michigan	1
<u>Polyporus tomentosus</u> Fr.		
humicolous	Ontario	1
Picea glauca	Ontario	1
Picea mariana	Ontario	1
Pinus strobus	Ontario	1
Pinus sylvestris	Ontario	1
<u>Polyporus varius</u> (Pers.) Fr.		
humicolous	Ontario	1
<u>Polyporus volvatus</u> Pk.		
Pinus resinosa	Ontario	1
<u>Poria</u> sp.		
lignicolous	Michigan	1
lignicolous	Ontario	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphylophorales
Polyporaceae

<u>Poria carbonica</u> Overh.		
Abies sp.	Ontario	1
<u>Poria cocos</u> (Schw.) Wolf		
lignicolous	Michigan	1
<u>Poria ferrugineofusca</u> Karst.		
lignicolous	Alberta	1
<u>Poria luteoalba</u> (Karst.) Sacc.		
<u>Pinus ponderosa</u>	Arizona	1
<u>Poria myceliosa</u> Pk.		
lignicolous	British Columbia	1
<u>Poria reticulata</u> (Pers. ex Fr.) Cke.		
Populus sp.	New Mexico	1
<u>Poria rixosa</u> (Karst.) Karst.		
lignicolous	British Columbia	1
<u>Poria subacida</u> (Pk.) Sacc.		
Pinus banksiana	New York	1
<u>Trametes</u> sp.		
lignicolous	Alberta	1
<u>Trametes carbonaria</u> (Berk. & Curt.) Overh.		
lignicolous	New Mexico	1
Pinus sp.	New Mexico	1
Pinus ponderosa	New Mexico	1
<u>Trametes heteromorpha</u> (Fr.) Bres.		
lignicolous	Ontario	1
<u>Trametes odorata</u> (Wulf. ex Fr.) Fr.		
lignicolous	Ontario	1
Abies sp.	New Mexico	1
* <u>Trametes trogii</u> Berk.		
lignicolous	Michigan	1
Populus sp.	Michigan	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphylllophorales
StereaceaeStereum abietinum (Pers. ex Fr.) Fr.

Abies sp.	British Columbia	1
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Thelephoraceae

Hydnellum sp.

Pinus banksiana	Ontario	1
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*Hydnellum velutinum (Fr.) Karst.

humicolous	Ontario	1
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Kneiffiella fibrosa (Berk. & Curt.) M.J. Larsen

lapidicolous	British Columbia	1
lignicolous	Alberta	2
lignicolous	Idaho	1
lignicolous	Minnesota	1
lignicolous	New York	1
lignicolous	Washington	1
Acer sp.	Michigan	1
Betula sp.	Michigan	1
Pinus contorta	Alberta	1
Populus sp.	Alberta	3
Populus grandidentata	New York	1
Salix sp.	Alberta	1
Salix sp.	Idaho	1

Pseudotomentella sp.

humicolous	Michigan	1
lignicolous	British Columbia	1
lignicolous	Colorado	1
lignicolous	New York	1
Betula sp.	Michigan	1
Pinus strobus	New York	1
Populus sp.	Michigan	1
Thuja sp.	Michigan	2
Tsuga sp.	no location	1

*Pseudotomentella atrofusca M.J. Larsen

lignicolous	Alberta	5
Picea abies	Sweden	1
Pinus strobus	British Columbia	1
Salix sp.	British Columbia	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphylliphorales
ThelephoraceaePseudotomentella flavovirens (Hoehn. & Litsch.) Svrcek

Acer sp.	New York	1
Betula alleghaniensis	New York	1

*Pseudotomentella griseopergamacea M.J. Larsen

lignicolous	Ontario	2
Acer sp.	New York	1
Pinus resinosa	New York	1
Pinus strobus	New York	6
Quercus sp.	Ontario	1
Tsuga sp.	New York	1

Pseudotomentella humicola M.J. Larsen

lignicolous	Ontario	1
lignicolous	Washington	1
Pinus sylvestris	Sweden	1

Pseudotomentella longisterigmata M.J. Larsen

Abies sp.	Colorado	1
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Pseudotomentella mucidula (Karst.) Svrcek

lignicolous	Alberta	2
lignicolous	British Columbia	12
lignicolous	Ontario	1

Pseudotomentella nigra (Hoehn. & Litsch.) Svrcek

humicolous	British Columbia	1
lignicolous	British Columbia	2

*Pseudotomentella tristis (Karst.) M.J. Larsen

lapidicolous	New York	1
lignicolous	Alberta	4
lignicolous	British Columbia	2
lignicolous	Michigan	1
lignicolous	New York	1
lignicolous	Ontario	1
Acer sp.	New York	1
Betula sp.	Ontario	1
Betula alleghaniensis	Massachusetts	1
Betula alleghaniensis	New York	2
Picea sp.	Michigan	1
Pinus sp.	New York	1
Pinus strobus	New York	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphyllorphorales
Thelephoraceae*Pseudotomentella tristis (Karst.) M.J. Larsen (continued)

Populus sp.	Alberta	2
Populus sp.	Michigan	1
Populus sp.	New York	1
Populus sp.	Ontario	2
Quercus sp.	Arizona	1
Thuja sp.	Michigan	3
Thuja occidentalis	Ontario	1
Tsuga sp.	New York	2

Pseudotomentella umbrina (Karst.) M.J. Larsen

Populus sp.	Michigan	1
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Thelephora sp.

humicolous	Michigan	1
lapidicolous	New York	1
lignicolous	Florida	1
lignicolous	Idaho	1
lignicolous	Montana	1
lignicolous	New Mexico	1
lignicolous	New York	1
lignicolous	Ontario	3
lignicolous	Washington	1
Abies sp.	California	2
Acer sp.	Ontario	1
Betula alleghaniensis	New York	1
Fagus grandifolia	New York	1
Juniperus communis	Massachusetts	2
Myrica californica	California	1
Picea sp.	Colorado	1
Picea sp.	New York	1
Picea sp.	Ontario	1
Pinus banksiana	Alberta	1
Pinus banksiana	Ontario	1
Pinus ponderosa	Montana	1
Pinus resinosa	New York	3
Pinus strobus	Ontario	1
Prunus sp.	New York	1
Quercus sp.	New York	1
Thuja sp.	Colorado	1
Thuja sp.	Montana	1
Thuja plicata	British Columbia	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphyllophorales
Thelephoraceae

<u>Thelephora terrestris</u> Ehrh. ex Fr.		
humicolous	Michigan	1
Equisetum sp.	Ontario	1
* <u>Thelephora zygoesmoides</u> Ell.		
lignicolous	Tennessee	1
<u>Tomentella asperula</u> (Karst.) Hoehn. & Litsch.		
Populus sp.	Ontario	1
<u>Tomentella atrorubra</u> (Pk.) Bourd. & Galz.		
lignicolous	Tennessee	1
Pinus sp.	North Carolina	1
Tsuga sp.	Massachusetts	1
Tsuga sp.	Michigan	1
<u>Tomentella atrovioacea</u> Litsch.		
humicolous	Ontario	1
lignicolous	Ontario	2
Populus sp.	Ontario	1
<u>Tomentella avellanea</u> (Burt) Bourd. & Galz.		
humicolous	California	1
<u>Tomentella bicolor</u> (Atk. & Burt) Bourd. & Galz.		
lignicolous	New York	2
<u>Tomentella botryoides</u> (Schw.) Bourd. & Galz.		
lignicolous	Ontario	3
Acer sp.	Ontario	1
Populus sp.	Ontario	1
<u>Tomentella bresadolae</u> (Brink. apud Bres.) Bourd. & Galz.		
lignicolous	Arizona	1
Acer sp.	New York	1
Fagus sp.	Michigan	1
Picea sp.	New York	1
Pinus ponderosa	New Mexico	1
<u>Tomentella brunneofirma</u> M.J. Larsen		
lignicolous	New Mexico	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphyllorphorales
Thelephoraceae

<u>Tomentella calcicola</u> (Bourd. & Galz.) M.J. Larsen		
Populus trichocarpa	British Columbia	1
<u>Tomentella cinerascens</u> (Karst.) Hoehn. & Litsch.		
Castanea dentata	Ontario	5
<u>Tomentella crinalis</u> (Fr.) M.J. Larsen		
lignicolous	New York	1
Acer sp.	Ontario	2
Fagus sp.	New York	1
<u>Tomentella ferruginea</u> (Pers.) Pat.		
lignicolous	New Mexico	1
lignicolous	Ontario	1
Juglans sp.	Arizona	1
Pinus sp.	Ontario	1
Populus sp.	Michigan	1
Populus sp.	New Mexico	1
Populus sp.	Ontario	1
<u>Tomentella fuliginea</u> (Burt) Bourd. & Galz.		
lignicolous	Ontario	1
Betula sp.	Ontario	1
Populus sp.	Ontario	1
<u>Tomentella fuscoferruginosa</u> (Bres.) Litsch.		
lignicolous	Ontario	1
<u>Tomentella griseoumbrina</u> Litsch. apud Lund. & Nannf.		
lignicolous	Arizona	1
Larix sp.	Ontario	1
<u>Tomentella griseoviolacea</u> Litsch.		
lignicolous	Ontario	1
Abies sp.	Ontario	1
Tilia americana	Ontario	1
Tsuga canadensis	Ontario	1
<u>Tomentella lateritia</u> Pat.		
lignicolous	Alberta	2
lignicolous	British Columbia	3
lignicolous	Ontario	4
Populus grandidentata	Ontario	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphylophorales
ThelephoraceaeTomentella neobourdotii M.J. Larsen

lignicolous	Kentucky	1
lignicolous	Ontario	3
Acer sp.	New York	2
Acer sp.	Ontario	1
Betula sp.	Michigan	3
Betula alleghaniensis	New York	1
Pinus sp.	New York	1
Populus sp.	Michigan	1
Populus sp.	New York	3
Populus sp.	Ontario	1

*Tomentella ochracea M.J. Larsen

lignicolous	Ontario	2
Alnus sp.	Ontario	1
Betula alleghaniensis	Ontario	1
Populus grandidentata	West Virginia	1
Spiraea sp.	Ontario	1

Tomentella olivascens (Berk. & Curt.) Bourd. & Galz.

lignicolous	New York	2
lignicolous	Ontario	3
Betula alleghaniensis	New York	1
Castanea sp.	Pennsylvania	1
Pinus strobus	New York	1
Prunus serotina	New York	1

Tomentella pallidofulva (Pk.) Litsch.

lignicolous	New York	2
lignicolous	Ontario	1
Acer sp.	Ontario	3
Populus sp.	Michigan	2
Populus sp.	Ontario	1
Thuja sp.	Ontario	1
Thuja occidentalis	Ontario	1

Tomentella papillata Hoehn. & Litsch.

lignicolous	Ontario	1
Betula sp.	Ontario	1
Thuja occidentalis	Ontario	1

Tomentella pilosa (Burt) Bourd. & Galz.

Abies balsamea	Ontario	1
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BASIDIOMYCETES

Homobasidiomycetidae
Aphylophorales
Thelephoraceae

<u>Tomentella punicea</u> (Alb. & Schw. ex Fr.) Schroet.		
Populus sp.	Alberta	1
<u>Tomentella purpurea</u> Wakef.		
Eucalyptus sp.	Africa	1
<u>Tomentella ruttneri</u> Litsch.		
fungicolous	Ontario	1
lignicolous	Ontario	1
Populus sp.	Ontario	1
* <u>Tomentella subalpina</u> M.J. Larsen		
lignicolous	Alberta	1
<u>Tomentella sublilacina</u> (Ell. & Holw.) Wakef.		
fungicolous	Ontario	1
lignicolous	Ontario	8
Abies balsamea	Ontario	2
Acer sp.	Ontario	3
Betula sp.	Ontario	3
Fagus grandifolia	Ontario	1
Tsuga sp.	Ontario	1
<u>Tomentella trachychaites</u> (Ell. & Ev.) M.J. Larsen		
lignicolous	Alberta	4
Populus sp.	Alberta	1
<u>Tomentella umbrinella</u> Bourd. & Galz.		
corticolous	Arizona	4
lignicolous	Idaho	1
lignicolous	Montana	2
lignicolous	New York	2
Abies sp.	Arizona	1
Pinus ponderosa	Arizona	2
Pinus ponderosa	Montana	1
Populus tremuloides	Montana	1
Tsuga canadensis	Ontario	2
<u>Tomentella umbrinospora</u> M.J. Larsen		
lignicolous	New York	2
Acer sp.	New York	3
Acer sp.	Ontario	1
Salix sp.	Ontario	1
Tilia americana	New York	1

BASIDIOMYCETES

Homobasidiomycetidae
Aphyllophorales
ThelephoraceaeTomentella viridescens (Bres. & Torrend apud Torrend) Bourd. & Galz.

Acer sp. New York 1

Tomentella viridis (Berk.) G.H. Cunn.

fungicolous New Mexico 1

lignicolous New Mexico 2

Abies sp. New Mexico 1

Pinus ponderosa New Mexico 1

Tomentella viridula Bourd. & Galz.

Acer glabrum New Mexico 1

******Tomentellopsis sp.

Pinus sp. Arizona 1

*****Tomentellopsis echinosporum (Ell.) Hjortstam

lignicolous Ontario 2

Agaricales

Amanita rubescens (Pers. ex Fr.) S.F. Gray

humicolous Michigan 1

*****Amanita verna (Bull. ex Fr.) Quél.

humicolous Ontario 1

Clitopilus abortivus Berk. & Curt.

humicolous Ontario 1

Coprinus sp.

humicolous Ontario 1

Coprinus atramentarius (Bull. ex Fr.) Fr.

humicolous New Mexico 1

*****Cortinarius subpulchrifolius C.H. Kauff.

humicolous Ontario 1

*****Cortinarius violaceus (Fr.) S.F. Gray

humicolous Ontario 1

Crepidotus sp.

lignicolous British Columbia 1

BASIDIOMYCETES

Homobasidiomycetidae

Agaricales

*Crepidotus crocophyllus (Berk.) Sacc.

Fagus sp. Michigan 1

Lactarius controversus (Pers. ex Fr.) Fr.

humicolous Michigan 1

Lactarius deliciosus (L. ex Fr.) S.F. Gray

humicolous Alberta 1

**Leccinum insigne Smith, Thiers & Watling

humicolous Michigan 1

Naematoloma sublateritium (Fr.) Karst.

humicolous Ontario 1

Panus strigosus Berk. & Curt.

Ulmus sp. Michigan 1

Paxillus sp.

lignicolous New York 1

*Pholiota multifolia (Pk.) A.H. Smith & L.R. Hesler

Populus sp. Michigan 1

*Pholiota pusilla (Pk.) A.H. Smith & L.R. Hesler

Populus sp. Michigan 1

Pholiota squarrosa (Pers. ex Fr.) Kummer

Betula sp. Michigan 1

*Suillus piperatus (Bull. ex Fr.) Kuntze

lignicolous Michigan 1

*Trogia infundibuliformis Berk. & Br.

humicolous New York 1

Phallales

*Ithyphallus ravenelii (Berk. & Curt.) E. Fischer

lignicolous Ontario 1

Lycoperdales

Geaster triplex Jungh.

lignicolous Michigan 1

2. HOSTS

SPECIFIC HOSTS

Abies sp.

Homobasidiomycetidae

Asterostroma cervicolor	Hymenochaetaceae
Corticium bicolor	Corticiaceae
Gloeocystidiellum heterogeneum	Corticiaceae
Hyphodontia pallidula	Corticiaceae
Merulius fugax	Corticiaceae
Merulius serpens	Corticiaceae
Odontia fimbriata	Corticiaceae
Peniophora cinerea	Corticiaceae
Peniophora guttulifera	Corticiaceae
Phlebia sp.	Corticiaceae
Polyporus abietinus	Polyporaceae
Poria carbonica	Polyporaceae
Pseudotomentella longisterigmata	Thelephoraceae
Repetobasidium mirificum	Corticiaceae
Serpula himantioides	Coniophoraceae
Stereum abietinum	Stereaceae
Thelephora sp.	Thelephoraceae
Tomentella griseoviolacea	Thelephoraceae
Tomentella umbrinella	Thelephoraceae
Tomentella viridis	Thelephoraceae
Trametes odorata	Polyporaceae

Abies balsamea

Deuteromycetes

Bothrodiscus pinicola	Sphaeropsidales - A
Cytospora sp.	Sphaeropsidales - A
Cytosporium sp.	Sphaeropsidales - D
Gelatinosporium abietinum	Sphaeropsidales - E
Rhizosphaera pini	Sphaeropsidales - A

Heterobasidiomycetidae

Melampsorella caryophyllacearum	Uredinales
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Homobasidiomycetidae

Tomentella pilosa	Thelephoraceae
Tomentella sublilacina	Thelephoraceae

Acer sp.

Ascomycetes

Helvella infula	Pezizales
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SPECIFIC HOSTS

Acer sp.

Heterobasidiomycetidae

Exidia nucleata

Tremellales

Homobasidiomycetidae

Botryobasidium isabellinum

Corticiaceae

Byssocorticium atrovirens

Corticiaceae

Coniophora mustialaensis

Coniophoraceae

Coniophora puteana

Coniophoraceae

Corticium echinosporum

Corticiaceae

Fomes connatus

Polyporaceae

Fomes fraxineus

Polyporaceae

Kneiffiella fibrosa

Thelephoraceae

Merulius tremellosus

Corticiaceae

Mycoacia alboviride

Corticiaceae

Odontia ciliolata

Corticiaceae

Peniophora pubera

Corticiaceae

Peniophora velutina

Corticiaceae

Phlebia radiata

Corticiaceae

Polyporus brumalis

Polyporaceae

Polyporus casearius

Polyporaceae

Polyporus squamosus

Polyporaceae

Pseudotomentella flavovirens

Thelephoraceae

Pseudotomentella griseopergamacea

Thelephoraceae

Pseudotomentella tristis

Thelephoraceae

Scytinostroma galactinum

Corticiaceae

Thelephora sp.

Thelephoraceae

Tomentella botryoides

Thelephoraceae

Tomentella bresadolae

Thelephoraceae

Tomentella cinerascens

Thelephoraceae

Tomentella nebourdotii

Thelephoraceae

Tomentella pallidofulva

Thelephoraceae

Tomentella sublilacina

Thelephoraceae

Tomentella umbrinospora

Thelephoraceae

Tomentella viridescens

Thelephoraceae

Acer glabrum

Homobasidiomycetidae

Tomentella viridula

Thelephoraceae

Acer negundo

Ascomycetes

Rhytisma punctatum

Phacidiales

SPECIFIC HOSTS

Acer rubrum

Ascomycetes

Eutypella parasitica Sphaeriales - AA

Acer saccharum

Ascomycetes

Diaporthe dubia Sphaeriales - B1
 Eutypella parasitica Sphaeriales - AA
 Melanomma pulvis-pyrius Pleosporales
 Xylaria polymorpha Sphaeriales - A2

Deuteromycetes

Cephalosporium sp. Moniliales - A
 Tubercularia vulgaris Moniliales - A

Homobasidiomycetidae

Coniophora puteana Coniophoraceae
 Steccherinum septentrionale Hydnaceae

Acer spicatum

Ascomycetes

Hypoderma rufilabrum Phacidiales

Heterobasidiomycetidae

Septobasidium sp. Tremellales

*Agrimonia gryposepala

Heterobasidiomycetidae

Pucciniastrum agrimoniae Uredinales

Alnus sp.

Homobasidiomycetidae

Peniophora argillacea Corticiaceae
 Tomentella ochracea Thelephoraceae

Alnus rugosa

Ascomycetes

Godronia sp. Helotiales

SPECIFIC HOSTS

Alnus rugosa

Homobasidiomycetidae

Cristella sp.
Fomes ohioensisCorticaceae
PolyporaceaeAmelanchier sp.

Ascomycetes

Valsa cincta

Sphaeriales - AA

Heterobasidiomycetidae

Gymnosporangium clavipes

Uredinales

Anemone quinquefolia

Heterobasidiomycetidae

Puccinia recondita
Tranzschelia sp.
Tranzschelia anemonesUredinales
Uredinales
UredinalesArisaema triphyllum

Heterobasidiomycetidae

Uromyces ari-triphylli

Uredinales

Berberis sp.

Heterobasidiomycetidae

Puccinia graminis

Uredinales

Betula sp.

Homobasidiomycetidae

Amphinema byssoides
Coniophora puteana
Daedalea unicolor
Fomes cajanderi
Fomes conchatus
Kneiffiella fibrosa
Merulius lacrimansCorticaceae
Coniophoraceae
Polyporaceae
Polyporaceae
Polyporaceae
Thelephoraceae
Corticaceae

SPECIFIC HOSTS

Betula sp. (continued)

Homobasidiomycetidae

Peniophora sp.	Corticaceae
Peniophora martiana	Corticaceae
Pholiota squarrosa	Agaricales
Pseudotomentella tristis	Thelephoraceae
Sistotrema sp.	Corticaceae
Tomentella fuliginea	Thelephoraceae
Tomentella necbourdotii	Thelephoraceae
Tomentella papillata	Thelephoraceae
Tomentella sublilacina	Thelephoraceae

Betula alleghaniensis

Ascomycetes

Amphisphaeria sp.	Sphaeriales - B2
Ceratocystis sp.	Sphaeriales - A1
Xylaria polymorpha	Sphaeriales - A2

Deuteromycetes

Libertella betulina	Melanconiales - E
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Homobasidiomycetidae

Merulius sp.	Corticaceae
Phlebia radiata	Corticaceae
Pseudotomentella flavovirens	Thelephoraceae
Pseudotomentella tristis	Thelephoraceae
Thelephora sp.	Thelephoraceae
Tomentella ochracea	Thelephoraceae
Tomentella olivascens	Thelephoraceae

Betula papyrifera

Ascomycetes

Daldinia vernicosa	Sphaeriales - A2
Diatrypella favacea	Sphaeriales - AA
Eutypella angulosa	Sphaeriales - AA

*Betula populifolia

Heterobasidiomycetidae

Melampsorium betulinum	Uredinales
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SPECIFIC HOSTS

Buxus sp.

Deuteromycetes

Volutella buxi

Moniliales - A

*Campanula rotundifolia

Heterobasidiomycetidae

Coleosporium campanulae

Uredinales

Carex sp.

Heterobasidiomycetidae

Puccinia caricina

Uredinales

Carpinus sp.

Ascomycetes

Nectria sp.

Hypocreales

Carya ovata

Ascomycetes

Valsa sp.

Sphaeriales - AA

Castanea sp.

Homobasidiomycetidae

Coniophora olivacea
Tomentella olivascensConiophoraceae
ThelephoraceaeCastanea dentata

Homobasidiomycetidae

Tomentella cinerascens

Thelephoraceae

*Castilleja coccinea

Heterobasidiomycetidae

Cronartium coleosporioides

Uredinales

SPECIFIC HOSTS

<u>Chamaedaphne calyculata</u>	
Deuteromycetes	
Ascochyta cassandrae	Sphaeropsidales - B
<u>Cirsium arvense</u>	
Heterobasidiomycetidae	
Puccinia cnici	Uredinales
* <u>Comandra</u> sp.	
Heterobasidiomycetidae	
Cronartium comandrae	Uredinales
* <u>Comandra richardiana</u>	
Heterobasidiomycetidae	
Cronartium comandrae	Uredinales
<u>Comptonia peregrina</u>	
Heterobasidiomycetidae	
Cronartium comptoniae	Uredinales
<u>Convolvulus</u> sp.	
Deuteromycetes	
Gloeosporium sp.	Melanconiales - A
<u>Cornus</u> sp.	
Deuteromycetes	
Phomopsis sp.	Sphaeropsidales - A
<u>Cornus canadensis</u>	
Heterobasidiomycetidae	
Puccinia porphyrogenita	Uredinales

SPECIFIC HOSTS

Crataegus sp.

Heterobasidiomycetidae

Gymnosporangium clavipes
Gymnosporangium globosum

Uredinales
Uredinales

Dirca palustris

Heterobasidiomycetidae

Aecidium hydnoideum

Uredinales

*Equisetum sp.

Homobasidiomycetidae

Thelephora terrestris

Thelephoraceae

Eucalyptus sp.

Homobasidiomycetidae

Tomentella purpurea

Thelephoraceae

*Eupatorium purpureum

Ascomycetes

Erysiphe cichoracearum

Erysiphales

Fagus sp.

Deuteromycetes

Dothiorella sp.
Libertella faginea

Sphaeropsidales - A
Melanconiales - E

Homobasidiomycetidae

Crepidotus crocophyllus
Peniophora affinis
Tomentella bresadolae
Tomentella crinalis

Agaricales
Corticaceae
Thelephoraceae
Thelephoraceae

Fagus grandifolia

Ascomycetes

Diatrype bullata

Sphaeriales - AA

SPECIFIC HOSTS

Fagus grandifolia

Deuteromycetes

Asterosporium asterospermum

Melanconiales - C

Homobasidiomycetidae

Thelephora sp.

Thelephoraceae

Tomentella sublilacina

Thelephoraceae

Fraxinus sp.

Deuteromycetes

Sphaerographium fraxini

Sphaeropsidales - E

Fraxinus americana

Deuteromycetes

Septoria sp.

Sphaeropsidales - E

Gramineae

Ascomycetes

Phyllachora graminis

Sphaeriales - A1

Impatiens sp.

Heterobasidiomycetidae

Puccinia recondita

Uredinales

Juglans sp.

Homobasidiomycetidae

Peniophora sambuci

Corticaceae

Tomentella ferruginea

Thelephoraceae

Juglans cinerea

Deuteromycetes

Marssonina juglandis

Melanconiales - B

SPECIFIC HOSTS

Juglans nigra

Deuteromycetes

Marssonina juglandis

Melanconiales - B

Juniperus sp.

Homobasidiomycetidae

Peniophora burtii

Corticaceae

Juniperus communis

Ascomycetes

Lophodermium juniperi

Phacidiales

Homobasidiomycetidae

Thelephora sp.

Thelephoraceae

Larix sp.

Homobasidiomycetidae

Tomentella griseoumbrina

Thelephoraceae

Larix decidua

Ascomycetes

Leucostoma kunzei

Sphaeriales - AA

Larix laricina

Ascomycetes

Hypodermella laricis
Lachnella occidentalisPhacidiales
HelotialesMalus sp.

Deuteromycetes

Spilocaea pomi

Moniliales - B

SPECIFIC HOSTS

*Myrica californica

Homobasidiomycetidae

Thelephora sp.

Thelephoraceae

Myrica gale

Heterobasidiomycetidae

Cronartium comptoniae

Uredinales

Ostrya sp.

Homobasidiomycetidae

Polyporus caesius

Polyporaceae

Phlox sp.

Ascomycetes

Mycosphaerella sp.

Dothideales

Picea sp.

Ascomycetes

Valsa sp.

Sphaeriales - AA

Homobasidiomycetidae

Asterodon ferruginosum

Hymenochaetaceae

Coniophora sp.

Coniophoraceae

Coniophora arida

Coniophoraceae

Fomes pinicola

Polyporaceae

Hyphoderma sp.

Corticiaceae

Merulius taxicola

Corticiaceae

Odontia bicolor

Corticiaceae

Pseudotomentella tristis

Thelephoraceae

Thelephora sp.

Thelephoraceae

Tomentella bresadolae

Thelephoraceae

Picea abies

Homobasidiomycetidae

Phellodon niger var. alboniger

Bankeraceae

Pseudotomentella atrofusca

Thelephoraceae

SPECIFIC HOSTS

Picea glauca

Ascomycetes

Gremmeniella abietina	Helotiales
Peziza sylvestris	Pezizales
Tryblidiopsis pinastri	Helotiales

Deuteromycetes

Cladosporium (Hormodendrum) sp.	Moniliales - B
Cytospora kunzei	Sphaeropsidales - A
Melanconium sp.	Melanconiales - A

Heterobasidiomycetidae

Chrysomyxa ledicola	Uredinales
Pucciniastrum arcticum	Uredinales

Homobasidiomycetidae

Polyporus schweinitzii	Polyporaceae
Polyporus tomentosus	Polyporaceae

Picea mariana

Ascomycetes

Isthmiella crepidiformis	Phacidiales
Isthmiella faullii	Phacidiales

Heterobasidiomycetidae

Chrysomyxa ledicola	Uredinales
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Homobasidiomycetidae

Polyporus tomentosus	Polyporaceae
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Pinus sp.

Heterobasidiomycetidae

Pseudohydnum gelatinosum	Tremellales
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Homobasidiomycetidae

Botryobasidium isabellinum	Corticaceae
Corticium echinosporum	Corticaceae

SPECIFIC HOSTS

Pinus sp. (continued)

Homobasidiomycetidae

Corticium polyporoideum	Corticaceae
Gloeocystidiellum radiosum	Corticaceae
Polyporus schweinitzii	Polyporaceae
Tomentella atrorubra	Thelephoraceae
Tomentella ferruginea	Thelephoraceae
Tomentella neobourdotii	Thelephoraceae
Trametes carbonaria	Polyporaceae

Pinus banksiana

Ascomycetes

Cenangium atropurpureum	Helotiales
Elytroderma deformans	Phacidiales
Gremmeniella abietina	Helotiales
Lachnella agassizii	Helotiales
Scleroderris sp.	Helotiales
Scoleconectria cucurbitula	Hypocreales
Wallrothiella arceuthobii	Sphaeriales - A1

Deuteromycetes

Cladosporium variabile	Moniliales - B
Sclerophoma pithya	Sphaeropsidales - A
Zythia sp.	Sphaeropsidales - A

Heterobasidiomycetidae

Cronartium sp.	Uredinales
Cronartium coleosporioides	Uredinales
Cronartium comandrae	Uredinales
Cronartium comptoniae	Uredinales
Endocronartium harknessii	Uredinales

Homobasidiomycetidae

Hydnellum sp.	Thelephoraceae
Poria subacida	Polyporaceae
Thelephora sp.	Thelephoraceae
Vararia pallescens	Hymenochaetaceae

SPECIFIC HOSTS

Pinus contorta

Homobasidiomycetidae

Amphinema byssoides	Corticaceae
Kneiffiella fibrosa	Thelephoraceae

Pinus contorta var. latifolia

Ascomycetes

Gremmeniella abietina	Helotiales
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Heterobasidiomycetidae

Coleosporium asterum	Uredinales
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Pinus nigra

Ascomycetes

Gremmeniella abietina	Helotiales
Lophodermium pinastri	Helotiales

Pinus ponderosa

Homobasidiomycetidae

Coniophora olivascens	Coniophoraceae
Merulius fugax	Corticaceae
Peniophora sp.	Corticaceae
Peniophora burtii	Corticaceae
Peniophora crassa	Corticaceae
Peniophora gigantea	Corticaceae
Peniophora hastata	Corticaceae
Polyporus subcartilagineus	Polyporaceae
Serpula himantioides	Coniophoraceae
Thelephora sp.	Thelephoraceae
Tomentella bresadolae	Thelephoraceae
Tomentella umbrinella	Thelephoraceae
Tomentella viridis	Thelephoraceae
Trametes carbonaria	Polyporaceae

Pinus resinosa

Ascomycetes

Cenangium abietis	Helotiales
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SPECIFIC HOSTS

Pinus resinosa (continued)

Ascomycetes

Gremmeniella abietina
Lophodermium pinastri
Mycosphaerella sp.
Scoleconectria cucurbitula
Valsa pini

Helotiales
Phacidiales
Dothidiales
Hypocreales
Sphaeriales - AA

Deuteromycetes

Cladosporium sp.
Cytospora sp.
Diplodia pinea
Fusarium decemcellulare
Leptographium sp.

Moniliales - B
Sphaeropsidales - A
Sphaeropsidales - B
Moniliales - C
Moniliales - A

Homobasidiomycetidae

Cristella sulphurea
Fomes annosus
Merulius serpens
Polyporus volvatus
Pseudotomentella griseopergamacea
Thelephora sp.

Corticaceae
Polyporaceae
Corticaceae
Polyporaceae
Thelephoraceae
Thelephoraceae

Pinus strobus

Ascomycetes

Cenangium abietis
Gremmeniella abietina
Leucostoma kunzei

Helotiales
Helotiales
Sphaeriales - AA

Deuteromycetes

Cytospora pini
Fusarium decemcellulare
Gelatinosporium abietinum
Oidium sp.
Phacidiopycnis pseudotsugae
Phomopsis sp.

Sphaeropsidales - A
Moniliales - C
Sphaeropsidales - C
Moniliales - A
Sphaeropsidales - A
Sphaeropsidales - A

Heterobasidiomycetidae

Dacrymyces punctiformis

Tremellales

SPECIFIC HOSTS

Pinus strobus (continued)

Homobasidiomycetidae

Byssocorticium atrovirens	Corticaceae
Coniophora arida	Coniophoraceae
Fomes cajanderi	Polyporaceae
Merulius aureus	Corticaceae
Mycoacia alboviride	Corticaceae
Peniophora sanguinea	Corticaceae
Polyporus sp.	Polyporaceae
Polyporus tomentosus	Polyporaceae
Pseudotomentella sp.	Thelephoraceae
Pseudotomentella atrofusca	Thelephoraceae
Pseudotomentella griseopergamacea	Thelephoraceae
Pseudotomentella tristis	Thelephoraceae
Tomentella olivascens	Thelephoraceae

Pinus sylvestris

Ascomycetes

Gremmeniella abietina	Helotiales
Naemacyclus niveus	Phacidiales

Homobasidiomycetidae

Polyporus tomentosus	Polyporaceae
Pseudotomentella humicola	Thelephoraceae

Platanus sp.

Ascomycetes

Valsella sp.	Sphaeriales - AA
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Podophyllum peltatum

Heterobasidiomycetidae

Puccinia podophylli	Uredinales
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Populus sp.

Homobasidiomycetidae

Botryobasidium sp.	Corticaceae
Botryobasidium isabellinum	Corticaceae
Coniophora arida	Coniophoraceae

SPECIFIC HOSTS

Populus sp. (continued)

Homobasidiomycetidae

Coniophora olivacea	Coniophoraceae
Corticium sp.	Corticaceae
Cryptochaete rufa	Corticaceae
Favolus alveolaris	Polyporaceae
Gloeocystidiellum sp.	Corticaceae
Gloeocystidiellum porosum	Corticaceae
Hyphoderma clavigerum	Corticaceae
Kneiffiella fibrosa	Thelephoraceae
Merulius sp.	Corticaceae
Merulius serpens	Corticaceae
Odontia pruni	Corticaceae
Peniophora polygonia	Corticaceae
Peniophora septocystidia	Corticaceae
Phlebia sp.	Corticaceae
Phlebia strigoso-zonata	Corticaceae
Pholiota pusilla	Agaricales
Pholiota multifolia	Agaricales
Polyporus caesius	Polyporaceae
Poria reticulata	Polyporaceae
Pseudotomentella sp.	Thelephoraceae
Pseudotomentella tristis	Thelephoraceae
Pseudotomentella umbrina	Thelephoraceae
Radulum casearium	Corticaceae
Scytinostroma galactinum	Corticaceae
Sistotrema sp.	Corticaceae
Tomentella asperula	Thelephoraceae
Tomentella atroviolacea	Thelephoraceae
Tomentella botryoides	Thelephoraceae
Tomentella cinerascens	Thelephoraceae
Tomentella ferruginea	Thelephoraceae
Tomentella fuliginea	Thelephoraceae
Tomentella neobourdotii	Thelephoraceae
Tomentella pallidofulva	Thelephoraceae
Tomentella punicea	Thelephoraceae
Tomentella ruttneri	Thelephoraceae
Tomentella trachychaites	Thelephoraceae
Trametes trogii	Polyporaceae

Populus alba

Deuteromycetes

Dothichiza populea	Sphaeropsidales - A
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SPECIFIC HOSTS

Populus balsamifera

Ascomycetes

Ciborinia sp.

Helotiales

Deuteromycetes

Cladosporium sp.

Moniliales - A

Heterobasidiomycetidae

Melampsora medusae

Uredinales

Populus deltoides

Heterobasidiomycetidae

Melampsora medusae

Uredinales

Populus grandidentata

Ascomycetes

Valsa sp.

Sphaeriales - AA

Homobasidiomycetidae

Kneiffiella fibrosa

Thelephoraceae

Tomentella lateritia

Thelephoraceae

Tomentella ochracea

Thelephoraceae

Populus tremula

Homobasidiomycetidae

Pseudotomentella tristis

Thelephoraceae

Populus tremuloides

Ascomycetes

Eutypa acharii

Sphaeriales - AA

Pezicula ocellata

Helotiales

Deuteromycetes

Cytospora chrysosperma

Sphaeropsidales - A

Cytosporella sp.

Sphaeropsidales - A

SPECIFIC HOSTS

Populus tremuloides (continued)

Heterobasidiomycetidae

Melampsora medusae

Uredinales

Homobasidiomycetidae

Amphinema byssoides

Corticaceae

Tomentella umbrinella

Thelephoraceae

Populus trichocarpa

Homobasidiomycetidae

Tomentella calcicola

Thelephoraceae

Potentilla sp.

Heterobasidiomycetidae

Phragmidium sp.

Uredinales

Potentilla recta

Heterobasidiomycetidae

Phragmidium ivesiae

Uredinales

Phragmidium potentillae

Uredinales

Prunus sp.

Homobasidiomycetidae

Gloeocystidiellum porosum

Corticaceae

Hyphoderma radula

Corticaceae

Thelephora sp.

Thelephoraceae

Tomentella cinerascens

Thelephoraceae

Prunus americana

Ascomycetes

Taphrina pruni

Taphrinales

Prunus pensylvanica

Ascomycetes

Tympanis prunicola

Helotiales

SPECIFIC HOSTS

Prunus serotina

Ascomycetes

Podospaera oxyacanthae

Erysiphales

Homobasidiomycetidae

Tomentella olivascens

Thelephoraceae

Prunus virginiana

Ascomycetes

Apiosporina morbosa

Dothideales

Podospaera oxyacanthae

Erysiphales

Pyrola sp.

Heterobasidiomycetidae

Chrysomyxa pirolata

Uredinales

Quercus sp.

Homobasidiomycetidae

Coniophora puteana

Coniophoraceae

Favolus alveolaris

Polyporaceae

Fomes everhartii

Polyporaceae

Peniophora sanguinea

Corticaceae

Polyporus sulphureus

Polyporaceae

Pseudotomentella griseopergamacea

Thelephoraceae

Pseudotomentella tristis

Thelephoraceae

Thelephora sp.

Thelephoraceae

Quercus alba

Ascomycetes

Diaporthe leiphaemia var. raveneliana

Sphaeriales - B1

Deuteromycetes

Coryneum kunzei

Melanconiales - C

Dothiorella sp.

Sphaeropsidales - A

SPECIFIC HOSTS

Quercus borealis

Ascomycetes

Cryptodiaporthe densissima	Sphaeriales - B1
Hypoxylon mediterraneum	Sphaeriales - A2
Phaeobulgaria inquinans	Pezizales
Taphrina caerulescens	Taphrinales
Valsa sp.	Sphaeriales - AA

Deuteromycetes

Coryneum kunzei	Melanconiales - C
Cytospora intermedia	Sphaeropsidales - A
Diplodina sp.	Sphaeropsidales - B
Dothiorella sp.	Sphaeropsidales - A
Fusicoccum sp.	Sphaeropsidales - A
Gloeosporium sp.	Melanconiales - A

Rhamnus sp.

Heterobasidiomycetidae

Puccinia coronata	Uredinales
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Deuteromycetes

Botryodiplodia sp.	Sphaeropsidales - B
Cilicium sp.	Moniliales - A

Ribes sp.

Heterobasidiomycetidae

Puccinia caricina	Uredinales
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Ribes glandulosum

Heterobasidiomycetidae

Puccinia caricina	Uredinales
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Robinia pseudoacacia

Deuteromycetes

Camarosporium robiniae	Sphaeropsidales - C
Myxosporium sp.	Melanconiales - A

SPECIFIC HOSTS

Robinia pseudoacacia (continued)

Homobasidiomycetidae

Botryobasidium sp.	Corticaceae
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Rosa sp.

Heterobasidiomycetidae

Phragmidium americanum	Uredinales
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Rosa acicularis

Heterobasidiomycetidae

Phragmidium americanum	Uredinales
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Salix sp.

Ascomycetes

Lophodermium versicolor	Phacidiales
Valsa salicina	Sphaeriales - AA

Deuteromycetes

Cytospora sp.	Sphaeropsidales - A
Cytospora chrysosperma	Sphaeropsidales - A

Heterobasidiomycetidae

Melampsora sp.	Uredinales
Melampsora abietis-canadensis	Uredinales

Homobasidiomycetidae

Kneiffiella fibrosa	Thelephoraceae
Tomentella umbrinospora	Thelephoraceae

*Sambucus canadensis

Heterobasidiomycetidae

Puccinia bolleyana	Uredinales
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*Satureja vulgaris

Heterobasidiomycetidae

Puccinia menthae	Uredinales
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SPECIFIC HOSTS

<u>*Sequoia sempervirens</u>		
Homobasidiomycetidae		
Cristella sp.		Corticaceae
<u>*Shepherdia canadensis</u>		
Heterobasidiomycetidae		
Puccinia caricina		Uredinales
<u>Solidago sp.</u>		
Heterobasidiomycetidae		
Coleosporium asterum		Uredinales
<u>Solidago canadensis</u>		
Heterobasidiomycetidae		
Coleosporium asterum		Uredinales
<u>*Solidago flexicaulis</u>		
Heterobasidiomycetidae		
Coleosporium asterum		Uredinales
<u>*Solidago hispida</u>		
Heterobasidiomycetidae		
Coleosporium asterum		Uredinales
<u>Sorbus americana</u>		
Ascomycetes		
Valsa cincta		Sphaeriales - AA
Deuteromycetes		
Cytospora cincta		Sphaeropsidales - A
<u>Spartina sp.</u>		
Ascomycetes		
Phyllachora graminis		Sphaeriales - A

SPECIFIC HOSTS

Spiraea sp.

Homobasidiomycetidae

Tomentella ochracea

Thelephoraceae

Thuja sp.

Homobasidiomycetidae

Hymenochaete sp.

Hymenochaetaceae

Polyporus sericeomollis

Polyporaceae

Pseudotomentella sp.

Thelephoraceae

Pseudotomentella tristis

Thelephoraceae

Thelephora sp.

Thelephoraceae

Tomentella pallidofulva

Thelephoraceae

Thuja occidentalis

Ascomycetes

Valsa sp.

Sphaeriales - AA

Deuteromycetes

Cladosporium sp.

Moniliales - A

Cytospora sp.

Sphaeropsidales - A

Fusarium sp.

Moniliales - C

Homobasidiomycetidae

Pseudotomentella tristis

Thelephoraceae

Tomentella pallidofulva

Thelephoraceae

Tomentella papillata

Thelephoraceae

Thuja plicata

Homobasidiomycetidae

Thelephora sp.

Thelephoraceae

Tilia sp.

Deuteromycetes

Menispora glauca

Moniliales - A

Homobasidiomycetidae

Corticium sp.

Corticaceae

SPECIFIC HOSTS

Tilia americana

Deuteromycetes

Macrophoma sp.

Sphaeropsidales - A

Homobasidiomycetidae

Tomentella griseoviolacea

Thelephoraceae

Tomentella umbrinospora

Thelephoraceae

Tsuga sp.

Homobasidiomycetidae

Athelia sp.

Corticaceae

Botryobasidium isabellinum

Corticaceae

Byssocorticium atrovirens

Corticaceae

Cristella sp.

Corticaceae

Merulius sp.

Corticaceae

Pseudotomentella sp.

Thelephoraceae

Pseudotomentella griseopergamacea

Thelephoraceae

Pseudotomentella tristis

Thelephoraceae

Tomentella atrorubra

Thelephoraceae

Tomentella sublilacina

Thelephoraceae

Tsuga canadensis

Heterobasidiomycetidae

Melampsora abietis-canadensis

Uredinales

Homobasidiomycetidae

Tomentella griseoviolacea

Thelephoraceae

Tomentella umbrinella

Thelephoraceae

Ulmus sp.

Ascomycetes

Nectria cinnabarina

Hypocreales

Homobasidiomycetidae

Coniophora olivacea

Coniophoraceae

Panus strigosus

Agaricales

SPECIFIC HOSTS

Ulmus americana

Ascomycetes

Ceratocystis ulmi

Sphaeriales - A1

Deuteromycetes

Botryodiplodia sp.

Sphaeropsidales - B

Phoma sp.

Sphaeropsidales - A

Ulmus pumila

Ascomycetes

Cryptosporella hypoderma

Sphaeriales - A1

*Viola eriocarpa

Heterobasidiomycetidae

Puccinia violae

Uredinales

MISCELLANEOUS HOSTS

Corticolous

Homobasidiomycetidae

Tomentella umbrinella

Thelephoraceae

Fungicolous

Ascomycetes

Hypomyces lactifluorum
on Homobasidiomycetidae

Hypocreales

Deuteromycetes

Darluca filum
on Coleosporium asterum

Sphaeropsidales - B

Homobasidiomycetidae

Botryobasidium flavescens
on Ganoderma applanatum

Corticaceae

Botryobasidium isabellinum
on Poria laevigata

Corticaceae

Hyphoderma setigerum
on Poria sp.

Corticaceae

Tomentella ruttneri
on Ganoderma sp.

Thelephoraceae

Tomentella sublilacina
on Polyporus schweinitzii

Thelephoraceae

Tomentella viridis
on Polyporus dryadeus

Thelephoraceae

Humicolous

Ascomycetes

Hypomyces lactifluorum
Leotia stipitata
Rhizina undulataHypocreales
Helotiales
Pezizales

Heterobasidiomycetidae

Sebacina incrustans

Tremellales

MISCELLANEOUS HOSTS

Humicolous (continued)

Homobasidiomycetidae

<i>Amanita rubescens</i>	Agaricales
<i>Amanita verna</i>	Agaricales
<i>Cantharellus lutescens</i>	Cantharellaceae
<i>Cantharellus tubaeformis</i>	Cantharellaceae
<i>Clavulinopsis fusiformis</i>	Clavariaceae
<i>Clitopilus abortivus</i>	Agaricales
<i>Coprinus</i> sp.	Agaricales
<i>Coprinus atramentarius</i>	Agaricales
<i>Cortinarius subpulchrifolius</i>	Agaricales
<i>Cortinarius violaceus</i>	Agaricales
<i>Hydnellum velutinum</i>	Thelephoraceae
<i>Lactarius controversus</i>	Agaricales
Lactarius <i>Lactarius deliciosus</i>	Agaricales
<i>Leccinum insigne</i>	Agaricales
<i>Naematoloma sublateritium</i>	Agaricales
<i>Polyporus melanopus</i>	Polyporaceae
<i>Polyporus picipes</i>	Polyporaceae
<i>Polyporus tomentosus</i>	Polyporaceae
<i>Polyporus varius</i>	Polyporaceae
<i>Pseudotomentella</i> sp.	Thelephoraceae
<i>Thelephora</i> sp.	Thelephoraceae
<i>Thelephora terrestris</i>	Thelephoraceae
<i>Tomentella atroviolacea</i>	Thelephoraceae
<i>Tomentella avellanea</i>	Thelephoraceae
<i>Trogia infundibuliformis</i>	Agaricales

Lignicolous

Ascomycetes

<i>Plectania coccinea</i>	Pezizales
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Heterobasidiomycetidae

<i>Tremella</i> sp.	Tremellales
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Homobasidiomycetidae

<i>Amphinema byssoides</i>	Corticaceae
<i>Asterostroma andinum</i>	Hymenochaetaceae
<i>Botryobasidium flavescens</i>	Corticaceae
<i>Botryobasidium isabellinum</i>	Corticaceae
<i>Coniophora</i> sp.	Coniophoraceae
<i>Coniophora arida</i>	Coniophoraceae
<i>Coniophora puteana</i>	Coniophoraceae

MISCELLANEOUS HOSTS

Lignicolous (continued)

Homobasidiomycetidae

<i>Coniophora olivacea</i>	Coniophoraceae
<i>Corticium</i> sp.	Corticaceae
<i>Corticium echinosporum</i>	Corticaceae
<i>Crepidotus</i> sp.	Agaricales
<i>Cristella</i> sp.	Corticaceae
<i>Favolus alveolaris</i>	Polyporaceae
<i>Geaster triplex</i>	Lycoperdales
<i>Gloeocystidiellum radiosum</i>	Corticaceae
<i>Hyphodontia arguta</i>	Corticaceae
<i>Hyphodontia breviseta</i>	Corticaceae
<i>Hyphodontia pallidula</i>	Corticaceae
<i>Kneiffiella fibrosa</i>	Thelephoraceae
<i>Merulius</i> sp.	Corticaceae
<i>Merulius fugax</i>	Corticaceae
<i>Merulius serpens</i>	Corticaceae
<i>Merulius tremellosus</i>	Corticaceae
<i>Mucronella alba</i>	Clavariaceae
<i>Mycoacia alboviride</i>	Corticaceae
<i>Odontia bicolor</i>	Corticaceae
<i>Odontia fusco-atra</i>	Corticaceae
<i>Paxillus</i> sp.	Agaricales
<i>Peniophora</i> sp.	Corticaceae
<i>Peniophora argillacea</i>	Corticaceae
<i>Peniophora aspera</i>	Corticaceae
<i>Peniophora burtii</i>	Corticaceae
<i>Peniophora coccinea-fulva</i>	Corticaceae
<i>Peniophora crassa</i>	Corticaceae
<i>Peniophora longispora</i>	Corticaceae
<i>Peniophora sanguinea</i>	Corticaceae
<i>Phlebia</i> sp.	Corticaceae
<i>Polyporus balsameus</i>	Polyporaceae
<i>Polyporus brumalis</i>	Polyporaceae
<i>Polyporus caesius</i>	Polyporaceae
<i>Polyporus immitis</i>	Polyporaceae
<i>Polyporus osseus</i>	Polyporaceae
<i>Polyporus picipes</i>	Polyporaceae
<i>Poria</i> sp.	Polyporaceae
<i>Poria cocos</i>	Polyporaceae
<i>Poria ferrugineofusca</i>	Polyporaceae
<i>Poria myceliosa</i>	Polyporaceae
<i>Poria rixosa</i>	Polyporaceae
<i>Pseudotomentella</i> sp.	Thelephoraceae
<i>Pseudotomentella atrofusca</i>	Thelephoraceae
<i>Pseudotomentella atroviolacea</i>	Thelephoraceae

MISCELLANEOUS HOSTS

Lignicolous (continued)

Homobasidiomycetidae

<i>Pseudotomentella griseopergamacea</i>	Thelephoraceae
<i>Pseudotomentella humicola</i>	Thelephoraceae
<i>Pseudotomentella mucidula</i>	Thelephoraceae
<i>Pseudotomentella nigra</i>	Thelephoraceae
<i>Pseudotomentella tristis</i>	Thelephoraceae
<i>Radulum</i> sp.	Corticiaceae
<i>Ramaria stricta</i>	Gomphaceae
<i>Sistotremma brinkmannii</i>	Corticiaceae
<i>Suillus piperatus</i>	Agaricales
<i>Tomentella atrorubra</i>	Thelephoraceae
<i>Tomentella atrovioleacea</i>	Thelephoraceae
<i>Tomentella bicolor</i>	Thelephoraceae
<i>Tomentella botryoides</i>	Thelephoraceae
<i>Tomentella bresadolae</i>	Thelephoraceae
<i>Tomentella brunneofirma</i>	Thelephoraceae
<i>Tomentella cinerascens</i>	Thelephoraceae
<i>Tomentella crinalis</i>	Thelephoraceae
<i>Tomentella ferruginea</i>	Thelephoraceae
<i>Tomentella fuliginea</i>	Thelephoraceae
<i>Tomentella fuscoferruginosa</i>	Thelephoraceae
<i>Tomentella griseoumbrina</i>	Thelephoraceae
<i>Tomentella griseovioleacea</i>	Thelephoraceae
<i>Tomentella lateritia</i>	Thelephoraceae
<i>Tomentella neobourdotii</i>	Thelephoraceae
<i>Tomentella ochracea</i>	Thelephoraceae
<i>Tomentella olivascens</i>	Thelephoraceae
<i>Tomentella pallidofulva</i>	Thelephoraceae
<i>Tomentella papillata</i>	Thelephoraceae
<i>Tomentella ruttneri</i>	Thelephoraceae
<i>Tomentella subalpina</i>	Thelephoraceae
<i>Tomentella sublilacina</i>	Thelephoraceae
<i>Tomentella trachychaites</i>	Thelephoraceae
<i>Tomentella umbrinella</i>	Thelephoraceae
<i>Tomentella umbrinospora</i>	Thelephoraceae
<i>Tomentella viridis</i>	Thelephoraceae
<i>Tomentella viridula</i>	Thelephoraceae
<i>Tomentellopsis</i> sp.	Thelephoraceae
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<i>Thelephora</i> sp.	Thelephoraceae
<i>Thelephora zygoesmoides</i>	Thelephoraceae
<i>Trametes carbonaria</i>	Polyporaceae
<i>Trametes heteromorpha</i>	Polyporaceae
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