

FOREST FUNGI COLLECTED IN NATIONAL PARKS
IN THE MARITIME PROVINCES

by

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ABSTRACT

A check list of fungi, collected in the four National Parks in the Maritime Provinces is presented. The lists are arranged both by fungi and by host. It is aimed to help park naturalists, and others, interested in this often overlooked but ever present group of organisms.

Résumé

L'auteur présente une énumération des Champignons récoltés dans quatre parcs Nationaux dans les provinces Maritimes. Les listes sont par Champignons et par arbres-hôtes. Elles ont pour but de renseigner les naturalistes des parcs, etc., intéressés par ce groupe d'organismes souvent ignorés mais toujours présents.

Introduction

With the public's growing awareness of the environment and with increased tourism, the popularity of guided tours on nature trails, and of lectures by park naturalists on the many different forms of life, has also grown. Fungi are one of the forms in these living communities - mostly overlooked and bypassed, but nonetheless present, frequent, and often important.

This report contains a list of fungi collected in the four National Parks in the Maritime Provinces (Fundy National Park, N.B., Kejimikujik National Park, Cape Breton Highlands National Park, N.S., and Prince Edward Island National Park) during forest disease surveys in the past two decades. Most specimens were collected by personnel of the Forest Insect and Disease Survey of the Maritimes Forest Research Centre, Canadian Forestry Service, and all specimens and records are kept at the Mycological Herbarium of the Centre at Fredericton, N.B. In the Check List of Fungi (pp. 2-10), the fungi are listed alphabetically with their common name or the type of disease they cause (where applicable) along with the list of hosts. In the Check List of Hosts (pp. 11-16), the host plants are given in alphabetical order, as are the fungi collected on them.

The report includes the following numbers of fungi and hosts for each of the National Parks.

	<u>Species</u>	<u>Hosts</u>
Fundy National Park, N.B.	43	26
Kejimikujik National Park, N.S.	38	23
Cape Breton Highlands National Park, N.S.	66	27
Prince Edward Island National Park, P.E.I.	12	8

Part I

Check List of Fungi

Fungus	Fundy	Kejimkujik	Cape Breton	P.E.I.
<u>Apiosporina morbosa</u> (Schw. ex Fr.) Arx - Black knot of cherry				
Prunus sp.	x	-	-	-
Prunus pensylvanica	-	-	x	-
<u>Armillaria mellea</u> (Vahl. ex Fr.) Kummer - Shoestring fungus				
Ground	-	-	x	-
<u>Auricularia auricularis</u> (Hook.) Underw. - Jew's ear fungus				
Picea sp.	x	-	-	-
<u>Bifusella linearis</u> (Peck) Hoehn. - Needle cast				
Pinus strobus	-	x	-	-
<u>Cercospora microsora</u> Sacc. - Leaf spot				
Tilia americana	-	-	-	x
<u>Chrysomyxa arctostaphyli</u> Diet. - Witches' broom				
Picea rubens	-	x	-	-
Picea mariana	-	x	-	-
<u>Chrysomyxa ledi</u> de Bary - Needle rust				
Picea glauca	-	-	-	x
Picea mariana	-	-	x	-
<u>Chrysomyxa ledicola</u> Lagh. - Needle rust				
Picea mariana	-	x	x	-
Picea rubens	x	-	-	-
<u>Chrysomyxa weirii</u> Jacks. - Needle rust				
Picea rubens	x	-	-	-
<u>Ciborinia whetzellii</u> (Seav.) Seav. - Ink spot				
Populus tremuloides	-	-	x	-
<u>Coccomyces hiemalis</u> Higgins - Shot hole of cherry				
Prunus pensylvanica	-	-	x	-
<u>Coleosporium asterum</u> (Diet.) Syd. - Pine needle rust				
Pinus divaricata	-	-	x	-
<u>Coriolellus variiformis</u> (Peck) Sarkar - Decay fungus				
Unidentified conifer	x	-	-	-
<u>Corticium</u> sp. - Decay fungus				
Picea glauca	-	-	x	-
<u>Crepidotus fulvotomentosus</u> Peck - Mushroom				
Acer sp.	-	-	x	-
<u>Cronartium ribicola</u> J.C. Fischer - White pine blister rust				
Pinus strobus	x	x	-	-
Ribes sp.	x	x	x	-

Fungus	Fundy	Kejimikujik	Cape Breton	P.E.I.
<u>Cryptodiaporthe populea</u> (Sacc.) Butin - Dothichiza canker				
<i>Populus nigra</i> var. <i>italica</i>	x	-	-	x
<u>Cylindrosporella microsperma</u> (Peck) Petr. - Leaf spot				
<i>Betula alleghaniensis</i>	-	-	x	-
<u>Cystostereum murraini</u> (Berk. & Curt.) Pouzar - Decay fungus				
<i>Betula alleghaniensis</i>	-	-	x	-
<u>Dacrymyces palmatus</u> (Schw.) Bres. - Jelly fungus				
<i>Abies balsamea</i>	-	x	-	-
<u>Daedalea confragosa</u> Bolt. ex Fr. - Decay fungus				
<i>Betula alleghaniensis</i>	-	-	x	-
<u>Daedalea unicolor</u> Bull. ex Fr. - Decay fungus				
<i>Acer pensylvanicum</i>	-	-	x	-
<u>Dasyscyphus agassizii</u> (Berk. & Curt.) Sacc. - Bark fungus				
<i>Abies balsamea</i>	x	-	x	-
<u>Delphinella balsameae</u> (Waterm.) E. Muell. - Balsam fir tip blight				
<i>Abies balsamea</i>	x	-	-	-
<u>Didymascella thujina</u> (Durand) Maire - Cedar leaf blight				
<i>Thuja occidentalis</i>	x	-	-	-
<u>Discula quercina</u> (West.) Arx - Anthracnose				
<i>Fagus grandifolia</i>	-	x	x	-
<i>Fraxinus</i> sp.	-	-	x	-
<u>Erysiphe aggregata</u> (Peck) Farl. - Powdery mildew				
<i>Alnus</i> sp.	-	-	x	-
<u>Fabrella tsugae</u> (Farl.) Kirsch. - Needle fungus				
<i>Tsuga canadensis</i>	-	x	-	-
<u>Fomes connatus</u> (Weinm.) Gill. - Decay fungus				
<i>Acer</i> sp.	-	-	x	-
<u>Fomes fomentarius</u> (L. ex Fr.) Kickx - Decay fungus				
<i>Acer saccharum</i>	-	-	x	-
<i>Acer pensylvanicum</i>	-	-	x	-
<i>Betula alleghaniensis</i>	-	-	x	-
<i>Betula papyrifera</i>	-	-	x	-
<i>Betula</i> sp.	x	x	-	-
<u>Fomes ignarius</u> var. <u>laevigatus</u> (Fr.) Overh. - Decay fungus				
<i>Betula alleghaniensis</i>	-	-	x	-
<i>Prunus</i> sp.	-	-	x	-

Fungus	Fundy	Kejinkujik	Cape Breton	P.E.I.
<u>Fomes pinicola</u> (Swartz ex Fr.) Cke. - Decay fungus				
Abies balsamea	x	x	x	-
Betula alleghaniensis	-	-	x	-
Betula sp.	-	x	x	-
Picea rubens	x	-	x	-
Tsuga canadensis	-	x	-	-
<u>Fomes</u> sp. - Decay fungus				
Fagus grandifolia	-	-	x	-
<u>Fusicoccum abietinum</u> (Hartig) Prill. & Delacr. - Red flag				
Abies balsamea	-	-	x	-
<u>Ganoderma applanatum</u> (Pers. ex Wallr.) Pat. - Decay fungus, Artist's conk				
Acer sp.	-	-	x	-
Betula papyrifera	-	x	-	-
Fagus grandifolia	-	-	x	-
<u>Gnomoniella coryli</u> (Batsch ex Fr.) Sacc. - Leaf spot				
Corylus cornuta	-	-	x	-
<u>Haematostereum rugosum</u> (Pers. ex Fr.) Pouzar - Decay fungus				
Acer rubrum	-	-	x	-
<u>Hydnochaete olivaceum</u> (Schw.) Banker - Decay fungus				
Quercus rubra	-	x	-	-
Quercus sp.	-	-	x	-
<u>Hyphoderma setigerum</u> (Fr.) Donk - Decay fungus				
Abies balsamea	x	-	-	-
Acer sp.	-	-	x	-
<u>Hymenochaete tabacina</u> (Sow. ex Fr.) Lév. - Decay fungus				
Acer sp.	x	x	-	-
Populus grandidentata	-	x	-	-
<u>Hypoxylon fragiforme</u> (Pers. ex Fr.) Kickx - Canker fungus				
Fagus grandifolia	-	x	-	-
<u>Hypoxylon fuscum</u> Pers. ex Fr. - Bark fungus				
Alnus sp.	-	-	x	-
<u>Hypoxylon mammatum</u> (Wahl.) Miller - Hypoxylon canker				
Populus tremuloides	-	-	x	-
<u>Isthmiella faullii</u> (Darker) Darker - Needle cast				
Abies balsamea	x	x	-	x

Fungus	Fundy	Kejimkujik	Cape Breton	P.E.I.
<u>Kabatiella apocrypta</u> (Ell. & Ev.) Arx - Anthracnose				
Acer rubrum	-	-	x	-
Acer saccharum	-	-	x	-
Acer spicatum	x	-	-	-
<u>Lenzites saepiaria</u> (Wulf. ex Fr.) Fr. - Decay fungus				
Abies balsamea	-	-	x	-
Pinus strobus	-	x	-	-
<u>Leucostoma kunzei</u> (Fr.) Munk - Twig fungus				
Pinus strobus	-	x	-	-
<u>Leucostoma persoonii</u> (Nits.) Hoehn. - Twig canker				
Crataegus sp.	-	x	-	-
<u>Lirula mirabilis</u> (Darker) Darker - Needle cast				
Abies balsamea	x	-	-	-
<u>Lirula nervata</u> (Darker) Darker - Needle cast				
Abies balsamea	x	-	-	-
<u>Lophodermium pinastri</u> (Schrad. ex Hook) Chev. - Needle cast				
Pinus divaricata	-	-	x	-
Pinus strobus	-	x	-	-
Pinus resinosa	-	-	-	x
<u>Melampsorella caryophyllacearum</u> Schroet. - Witches' broom				
Abies balsamea	x	-	x	x
<u>Merulius tremellosus</u> Schrad. ex Fr. - Decay fungus				
Unidentified hardwood	x	-	-	-
<u>Nectria cimabarina</u> (Tode ex Fr.) Fr. - Canker				
Ulmus sp.	x	-	-	-
<u>Nectria coccinea</u> var. <u>faginata</u> Lohm., Wats. & Ayers - Beech bark disease				
Fagus grandifolia	x	-	x	-
<u>Nectria fuckeliana</u> Booth - Canker				
Picea glauca	x	-	-	-
<u>Panellus stipticus</u> (Bull. ex Fr.) Karst. - Mushroom				
Fraxinus americana	-	x	-	-
<u>Peniophora polygonia</u> (Pers. ex Fr.) Bourd. & Galz. - Decay fungus				
Populus tremuloides	-	-	x	-
<u>Phaeophlebia strigoso-zonata</u> (Schw.) W.B. Cooke - Decay fungus				
Populus tremuloides	-	-	x	-

Fungus	Fundy	Kejimikujik	Cape Breton	P.E.I.
<u>Phaeostoma sphaerophila</u> (Peck) Barr on <u>Apiosporina morbosa</u> - Parasitic fungus				
Prunus pensylvanica	-	x	-	-
<u>Phleospora aceris</u> (Lib.) Sacc. - Leaf spot				
Acer pensylvanicum	-	-	x	-
Acer saccharum	x	-	-	-
<u>Phyllosticta minima</u> (Berk. & Curt.) Underw. & Earle - Leaf spot				
Acer saccharum	-	x	-	-
<u>Physalospora miyabeana</u> Fukushi - Willow blight				
Salix sp.	-	x	-	-
<u>Pleurotus ostreatus</u> (Jacq. ex Fr.) Kummer - Mushroom				
Betula sp.	-	-	x	-
Populus grandidentata	-	x	-	-
<u>Polyporus abietinus</u> Dicks. ex Fr. - Decay fungus				
Abies balsamea	x	x	x	-
Picea glauca	-	-	x	-
Picea mariana	-	-	x	-
Pinus strobus	-	x	-	-
Pinus sp.	-	-	-	x
<u>Polyporus adustus</u> Willd. ex Fr. - Decay fungus				
Acer sp.	-	-	x	-
<u>Polyporus albellus</u> Peck - Decay fungus				
Betula alleghaniensis	-	x	-	-
<u>Polyporus caesius</u> Schrad. ex Fr. - Decay fungus				
Pinus resinosa	-	-	-	x
<u>Polyporus elegans</u> Bull. ex Fr. - Decay fungus				
Fagus grandifolia	-	-	x	-
<u>Polyporus guttulatus</u> Peck - Decay fungus				
Abies balsamea	-	x	-	-
<u>Polyporus hirsutus</u> Wulf. ex Fr. - Decay fungus				
Acer rubrum	-	-	x	-
<u>Polyporus pargamensis</u> Fr. - Decay fungus				
Acer sp.	x	-	-	-
<u>Polyporus perennis</u> L. ex Fr. - Decay fungus				
Ground	-	-	x	-
<u>Polyporus schweinitzii</u> Fr. - Decay fungus				
Picea sp.	x	-	-	-
Pinus strobus	x	-	-	-

Fungus	Fundy	Kejinkujik	Cape Breton	P.E.I.
<u>Polyporus tulipiferae</u> (Schw.) Overh. - Decay fungus				
Acer rubrum	-	-	x	-
<u>Polyporus versicolor</u> L. ex Fr. - Decay fungus				
Acer sp.	x	x	-	-
Fagus grandifolia	-	-	x	-
<u>Polyporus zonatus</u> Fr. - Decay fungus				
Betula papyrifera	-	-	x	-
<u>Poria ferrea</u> (Pers.) Overh. - Decay fungus				
Fagus grandifolia	-	-	x	-
<u>Poria ferruginosa</u> (Schrad. ex Fr.) Karst. - Decay fungus				
Prunus sp.	x	-	-	-
Quercus rubra	-	x	-	-
<u>Poria obliqua</u> (Pers. ex Fr.) Karst. - Decay fungus				
Betula papyrifera	-	x	x	-
<u>Puccinia dioicae</u> P. Magn. - Leaf rust				
Solidago canadensis	-	-	x	-
<u>Puccinia orbicula</u> Peck & G.W. Clint. - Leaf rust				
Prenanthes racemosa	-	-	x	-
<u>Puccinia sparganioides</u> Ell. & Barth. - Ash rust				
Fraxinus nigra	-	-	x	-
<u>Pucciniastrum epilobii</u> Otth - Needle and leaf rust				
Epilobium sp.	-	-	x	-
<u>Pucciniastrum goeppertianum</u> (Kuehn) Kleb. - Needle rust; Witches' broom				
Abies balsamea	x	-	-	x
Vaccinium sp.	x	-	-	-
<u>Pycnoporus cinnabarinus</u> (Jacq. ex Fr.) Karst. - Decay fungus				
Betula alleghaniensis	-	x	-	-
Fagus grandifolia	x	-	-	-
<u>Rhytisma acerinum</u> (Pers. ex St. Amans) Fr. - Tar spot				
Acer rubrum	-	x	x	x
Acer saccharum	-	x	-	-
<u>Rhytisma ilicis-canadensis</u> Schw. - Tar spot				
Nemopanthus mucronata	-	-	x	-
<u>Rhytisma punctatum</u> Pers. ex Fr. - Tar spot				
Acer pensylvanicum	-	-	x	-
Acer spicatum	x	-	-	-

Fungus	Fundy	Kejimikujik	Cape Breton	P.E.I.
<u>Rhytisma salicinum</u> Pers. ex Fr. - Tar spot				
Salix sp.	x	-	x	-
<u>Schizophyllum commune</u> Fr. - Decay fungus				
Acer rubrum	-	-	x	-
Betula alleghaniensis	-	-	x	-
<u>Scolecconectria curcurbitula</u> (Tode. ex Fr.) Booth - Twig fungus				
Pinus strobus	-	x	-	-
<u>Scytinostroma galactinum</u> (Fr.) Donk - Decay fungus				
Abies balsamea	-	-	x	-
<u>Septobasidium pinicola</u> Snell - Brown felt fungus				
Pinus strobus	-	x	-	-
<u>Septoria betulae</u> (Lib.) West. - Leaf spot				
Betula papyrifera	x	x	-	-
<u>Stereum hirsutum</u> (Willd. ex Fr.) S.F. Gray - Decay fungus				
Alnus sp.	-	-	-	x
<u>Stereum ostrea</u> (Blume & Nees ex Fr.) Fr. - Decay fungus				
Betula alleghaniensis	x	-	-	-
<u>Taphrina carnea</u> Johanson - Leaf blister				
Betula alleghaniensis	x	-	x	-
<u>Taphrina dearnessii</u> Jenkins - Black leaf blister				
Acer rubrum	x	-	x	-
<u>Taphrina robinsoniana</u> Gies. - Catkin hypertrophy				
Alnus sp.	x	x	x	x
<u>Taphrina wiesnerii</u> (Rathay) Mix - Witches' broom				
Prunus pensylvanica	x	-	x	-
<u>Trametes mollis</u> (Sommerf.) Fr. - Decay fungus				
Acer sp.	-	-	x	-
<u>Trametes trogii</u> Berk. - Decay fungus				
Populus sp.	-	x	-	-
<u>Uredinopsis osmundae</u> Magn. - Rust fungus				
Abies balsamea	x	-	-	-
Osmunda cinnamomea	x	-	-	-
<u>Uredinopsis</u> sp. - Needle rust				
Abies balsamea	-	-	x	-

Fungus	Fundy	Kejinkujik	Cape Breton	P.E.I.
<u>Valsa abietis</u> Fr. - Canker				
Abies balsamea	-	x	-	-
<u>Valsa ceratosperma</u> (Tode ex Fr.) Maire - Canker				
Crataegus sp.	-	x	-	-
<u>Valsa pini</u> Alb. & Schw. ex Fr. - Canker				
Abies balsamea	-	x	-	-
<u>Valsa sordida</u> Nits - Canker				
Populus nigra var. italica	x	-	-	-
<u>Venturia macularis</u> (Fr.) E. Muell. & Arx - Twig and leaf blight				
Populus grandidentata	x	x	-	-
Populus tremuloides	x	x	x	-
<u>Venturia saliciperda</u> Nuesch - Willow blight				
Salix sp.	x	x	-	-

Part II

Check List of Hosts

Host	Fundy	Kejim- kujik	Cape Breton	P.E.I.
<u>Abies balsamea</u> (L.) Mill. - Balsam fir				
<i>Dasyscyphus agassizii</i>	x	-	x	-
<i>Delphinella balsameae</i>	x	-	-	-
<i>Fomes pinicola</i>	x	x	x	-
<i>Fusicoccum abietinum</i>	-	-	x	-
<i>Hyphoderma setigerum</i>	x	-	-	-
<i>Isthmiella faullii</i>	x	x	-	x
<i>Lenzites saepiaria</i>	-	-	x	-
<i>Lirula mirabilis</i>	x	-	-	-
<i>Melampsorella caryophyllacearum</i>	x	-	x	x
<i>Peniophora polygonia</i>	-	-	x	-
<i>Polyporus abietinus</i>	x	x	x	-
<i>Polyporus guttulatus</i>	-	x	-	-
<i>Pucciniastrum goeppertianum</i>	x	-	-	x
<i>Scytinostroma galactinum</i>	-	-	x	-
<i>Uredinopsis osmundae</i>	x	-	-	-
<i>Uredinopsis</i> sp.	-	-	x	-
<i>Valsa abietis</i>	-	x	-	-
<i>Valsa pini</i>	-	x	-	-
<u>Acer pensylvanicum</u> L. - Striped maple				
<i>Daedalea unicolor</i>	-	-	x	-
<i>Fomes fomentarius</i>	-	-	x	-
<i>Phleospora aceris</i>	-	-	x	-
<i>Rhytisma punctatum</i>	-	-	x	-
<u>Acer rubrum</u> L. - Red maple				
<i>Kabatiella apocrypta</i>	-	-	x	-
<i>Polyporus hirsutus</i>	-	-	x	-
<i>Polyporus tulipiferae</i>	-	-	x	-
<i>Rhytisma acerinum</i>	-	x	x	x
<i>Schizophyllum commune</i>	-	-	x	-
<u>Acer saccharum</u> Marsh. - Sugar maple				
<i>Fomes fomentarius</i>	-	-	x	-
<i>Kabatiella apocrypta</i>	-	-	x	-
<i>Phleospora aceris</i>	x	-	-	-
<i>Phyllosticta minima</i>	-	x	-	-
<i>Rhytisma acerinum</i>	-	x	-	-
<u>Acer spicatum</u> Lam. - Mountain maple				
<i>Kabatiella apocrypta</i>	x	-	-	-
<i>Rhytisma punctatum</i>	x	-	-	-
<u>Acer</u> sp. - Maple				
<i>Crepidotus fulvotomentosus</i>	-	-	x	-
<i>Fomes connatus</i>	-	-	x	-
<i>Ganoderma applanatum</i>	x	x	-	-
<i>Hymenochaete tabacina</i>	-	-	x	-
<i>Hyphoderma setigerum</i>	-	-	x	-

Host	Fundy	Kejim kujuk	Cape Breton	P.E.I.
<u>Acer</u> sp. - Maple (continued)				
Polyporus adustus	-	-	x	-
Polyporus pargamenus	x	-	-	-
Polyporus versicolor	x	x	-	-
Trametes mollis	-	-	x	-
<u>Alnus</u> sp. - Alder				
Erysiphe aggregata	-	-	x	-
Hypoxyton fuscum	-	-	x	-
Stereum hirsutum	-	-	-	x
Taphrina robinsoniana	x	x	x	x
<u>Betula alleghaniensis</u> Britt. - Yellow birch				
Cylindrosporella microsperma	-	-	x	-
Cystostereum murraili	-	-	x	-
Daedalea confragosa	-	-	x	-
Fomes fomentarius	-	-	x	-
Fomes ignarius var. laevigatus	-	-	x	-
Fomes pinicola	-	-	x	-
Polyporus albellus	-	x	-	-
Pycnoporus cinnabarinus	-	x	-	-
Schizophyllum commune	-	-	x	-
Stereum ostrea	x	-	-	-
Taphrina carnea	x	-	x	-
<u>Betula papyrifera</u> Marsh. - White birch				
Fomes fomentarius	-	-	x	-
Ganoderma applanatum	-	x	-	-
Polyporus zonatus	-	-	x	-
Poria obliqua	-	x	x	-
Septoria betulae	x	x	-	-
<u>Betula</u> sp. - Birch				
Fomes fomentarius	x	x	-	-
Fomes pinicola	-	x	x	-
Pleurotus ostreatus	-	-	x	-
<u>Corylus cornuta</u> Marsh. - Beaked hazelnut				
Gnomoniella coryli	-	-	x	-
<u>Crataegus</u> sp. - Hawthorn				
Leucostoma personii	-	x	-	-
Valsa ceratosperma	-	x	-	-
<u>Epilobium</u> sp. - Fireweed				
Pucciniastrum epilobii	-	-	x	-

Host	Fundy	Kejim- kujik	Cape Breton	P.E.I.
<u>Fagus grandifolia</u> Ehrh. - American beech				
Discula quercina	-	-	x	-
Fomes sp.	-	-	x	-
Ganoderma applanatum	-	-	x	-
Hypoxylon fragiforme	-	x	-	-
Nectria coccinea var. faginata	x	-	x	-
Polyporus elegans	-	-	x	-
Polyporus versicolor	-	-	x	-
Poria ferrea	-	-	x	-
Pycnoporus cinnabarinus	x	-	-	-
<u>Fraxinus americana</u> L. - White ash				
Panellus stipticus	-	x	-	-
<u>Fraxinus nigra</u> Marsh. - Black ash				
Puccinia sparganioides	-	-	x	-
<u>Fraxinus</u> sp. - Ash				
Discula quercina	-	-	x	-
Ground				
Armillaria mellea	-	-	x	-
Polyporus perennis	-	-	x	-
<u>Nemopanthus mucronata</u> (L.) Trel. - Mountain holly				
Rhytisma ilicis-canadensis	-	-	x	-
<u>Osmunda cinnamomea</u> L. - Cinnamon fern				
Uredinopsis osmundae	x	-	-	-
<u>Picea glauca</u> (Moench) Voss - White spruce				
Chrysomyxa ledi	-	-	-	x
Chrysomyxa ledicola	-	-	x	-
Corticium sp.	-	-	x	-
Nectria fuckeliana	x	-	-	-
Polyporus abietinus	-	-	x	-
<u>Picea mariana</u> (Mill.) BSP. - Black spruce				
Chrysomyxa arctostaphyli	-	x	-	-
Chrysomyxa ledi	-	-	x	-
Chrysomyxa ledicola	-	x	x	-
Polyporus abietinus	-	-	x	-
<u>Picea rubens</u> Sarg. - Red spruce				
Chrysomyxa arctostaphyli	-	x	-	-
Chrysomyxa ledicola	x	-	-	-
Chrysomyxa weirii	x	-	-	-
Fomes pinicola	x	-	x	-

Host	Fundy	Kejim- kujik	Cape Breton	P.E.I.
<u>Picea</u> sp. - Spruce				
Auricularia auricularis	x	-	-	-
Polyporus schweinitzii	x	-	-	-
<u>Pinus divaricata</u> - Jack pine				
Coleosporium asterum	-	-	x	-
Lophodermium pinastri	-	-	x	-
<u>Pinus resinosa</u> Ait. - Red pine				
Lophodermium pinastri	-	-	-	x
Polyporus caesius	-	-	-	x
<u>Pinus strobus</u> L. - Eastern white pine				
Bifusella linearis	-	x	-	-
Cronartium ribicola	x	x	-	-
Leucostoma kunzei	-	x	-	-
Polyporus abietinus	-	x	-	-
Polyporus schweinitzii	x	-	-	-
Scolecnectria curcurbitula	-	x	-	-
<u>Pinus</u> sp. - Pine				
Lenzites saepiaria	-	x	-	-
Polyporus abietinus	-	-	-	x
<u>Populus grandidentata</u> Michx. - Largetooth aspen				
Hymenochaete tabacina	-	x	-	-
Pleurotus ostreatus	-	x	-	-
Venturia macularis	x	x	-	-
<u>Populus nigra</u> (L.) var. <u>italica</u> Muench. - Lombardy poplar				
Cryptodiaporthe populea	x	-	-	x
Valsa sordida	x	-	-	-
<u>Populus tremuloides</u> Michx. - Trembling aspen				
Ciborinia whetzellii	-	-	x	-
Hypoxylon mammatum	-	-	x	-
Peniophora polygonia	-	-	x	-
Venturia macularis	x	x	x	-
<u>Prenanthes racemosa</u> Michx. - Rattlesnake-root				
Puccinia orbicula	-	-	x	-
<u>Prunus pensylvanica</u> L.f. - Pin cherry				
Apiosporina morbosa	-	-	x	-
Coccomyces hiemalis	-	-	x	-
Phaeostoma sphaeophila on				
Apiosporina morbosa	-	x	-	-
Taphrina wiesnerii	x	-	x	-

Host	Fundy	Kejim- kujik	Cape Breton	P.E.I.
<u>Prunus</u> sp. - Cherry				
<i>Apiosporina morbosa</i>	x	-	-	-
<i>Fomes ignarius</i> var. <i>laevigatus</i>	-	-	x	-
<i>Poria ferruginosa</i>	x	-	-	-
<u>Quercus borealis</u> Michx. f. - Red oak				
<i>Hydnochaete olivaceum</i>	-	x	-	-
<i>Poria ferruginosa</i>	-	x	-	-
<u>Quercus</u> sp. - Oak				
<i>Hydnochaete olivaceum</i>	-	x	-	-
<u>Ribes</u> sp. - Currant				
<i>Cronartium ribicola</i>	x	x	x	-
<u>Salix</u> sp. - Willow				
<i>Physalospora miyabeana</i>	-	x	-	-
<i>Rhytisma salicinum</i>	x	-	x	-
<i>Venturia saliciperda</i>	x	x	-	-
<u>Solidago canadensis</u> L. - Golden rod				
<i>Puccinia dioicae</i>	-	-	x	-
<u>Thuja occidentalis</u> L. - Eastern white cedar				
<i>Didymascella thujina</i>	x	-	-	-
<u>Tilia americana</u> L. - Basswood				
<i>Cercospora microsora</i>	-	-	-	x
<u>Tsuga canadensis</u> (L.) Carr. - Eastern hemlock				
<i>Fomes pinicola</i>	-	x	-	-
<i>Fabrella tsugae</i>	-	x	-	-
<u>Ulmus</u> sp. - Elm				
<i>Nectria cinnabarina</i>	x	-	-	-
<u>Vaccinium</u> sp. - Blueberry				
<i>Pucciniastrum goeppertianum</i>	x	-	-	-
Unidentified conifer				
<i>Corirolellus variiformis</i>	x	-	-	-
Unidentified hardwood				
<i>Merulius tremellosus</i>	x	-	-	-