

**REVISED AND EXPANDED NAMES AND
AUTHORS FOR FUNGI AT THE
GREAT LAKES FORESTRY CENTRE**

D.T. Myren, C.N. Davis, and W.E. Britnell

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ABSTRACT

This report is an assemblage of the names and authors used for 431 fungi and 5 other organisms at the Great Lakes Forestry Centre. Common names, hosts, and a list of the more familiar synonyms are included.

RÉSUMÉ

Ce rapport rassemble les noms et auteurs utilisés pour 431 champignons et 5 autres organismes au Centre de foresterie des Grand-Lacs. Il comprend les noms communs et les hôtes, ainsi que les synonymes les plus courants.

FOREWORD

This information report is an updated and expanded version of the guide to fungi names and authors published at this Centre in 1986 (D.T. Myren and E.B. Dorworth, G.L.F.C. Inf. Rep. 0-X-376). Since that time, a number of new fungi have been found in Ontario and fungal nomenclature has undergone many changes. Experience has indicated that, unlike the earlier guide, many of the less frequently encountered fungi should be included. The list also encompasses 2 bacteria, 1 nematode, 2 parasitic flowering plants, and some fungi that we expect to collect in the future. A total of 436 organisms, compared to the 243 listed in our previous report, are included. Some common names have also been changed to more closely conform with those traditionally used.

The names of the fungi follow closely those published by Farr et al. (1989). Author abbreviations are those presented in Kirk and Ansell (1992). Their principles for making abbreviations are followed for authors not listed.

Common names used are based on those presented in Anon. (1975) and Boyce (1961). Also consulted were Lincoff (1981) and Courtenay and Burdsall (1982). Hosts are listed by common name following those used in Hosie (1979).

The names of the fungi, as well as their authors, recommended for use are listed alphabetically in Section 1. Fungi with an anamorph and a teleomorph are listed under each name, with the other morph presented under the appropriate column.

Section 2 presents common synonyms for many of the fungi. Synonyms selected are recent or in common usage. Not all synonyms, nor all fungi with synonyms, are included.

Section 3 is an alphabetical listing of common names. We do not present these common names as necessarily being the best, but have tried to follow tradition, and have created what we feel are acceptable names for fungi for which no common name could be found. In some instances the common name may refer to the fungus and in others to the disease caused. Frequently the host is included in the common name. Four blank pages have been provided in the appendix to allow additional fungi or corrections to be listed.

We recognize that not all mycologists or pathologists will agree with our choice of names and we welcome any suggestions or corrections that you may wish to make. If you believe that we are in error, please provide a reference with your comments. A third edition of this list is not anticipated in the near future; however, periodic additions and correction sheets may be issued.

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Cover photo: Shoot blight, *Venturia macularis* (Fr.:Fr.) E. Müll. & Arx on
trembling aspen, *Populus tremuloides* Michx.

1. MAIN ENTRIES

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Agrobacterium tumefaciens</i> (Smith & Townsend) Conn	Bact.	hardwoods	crown gall	
<i>Aleurodiscus amorphus</i> (Pers.:Fr.) J. Schröt.	B	conifers	balsam fir canker	
<i>Aleurodiscus oakesii</i> (Berk. & M.A. Curtis) Höhn. & Litsch.	B	hardwoods	smooth patch of oak	
<i>Alternaria catalpae</i> (Ellis & G. Martin) Joly	D	catalpa	leaf spot	
<i>Amylostereum chailletii</i> (Pers.:Fr.) Boidin	B	conifers	wood wasp Stereum	
<i>Apiognomonina errabunda</i> (Roberge) Höhn.	A	hardwoods	anthracnose	<i>Discula umbrinella</i> (Berk. & Broome) M. Morelet
<i>Apiognomonina tiliae</i> (Rehm) Höhn.	A	basswood	anthracnose	<i>Discula</i> sp.
<i>Apiognomonina veneta</i> (Sacc. & Speg.) Höhn.	A	sycamore	anthracnose	<i>Discula platani</i> (Peck) Sacc.
<i>Apiosporina collinsii</i> (Schwein.) Höhn.	A	serviceberries	witches'-broom of serviceberry	<i>Fusicladium</i> sp.
<i>Apiosporina morbosa</i> (Schwein.:Fr.) Arx	A	cherries, plums	black knot	<i>Fusicladium</i> sp.
<i>Aplosporella clintonii</i> (Peck) Petr. & Syd.	D	maple	clintonii branch canker	
<i>Arceuthobium americanum</i> Nutt. ex Engelm.	N/A	jack pine and black spruce	dwarf mistletoe	
<i>Arceuthobium pusillum</i> Peck	N/A	spruces, esp. black spruce	eastern dwarf mistletoe	
<i>Armillaria calvescens</i> Bérubé & Dessur.	B	conifers and hardwoods	Armillaria root rot	
<i>Armillaria gallica</i> H. Marxm. & Romagn.	B	hardwoods	Armillaria root rot	
<i>Armillaria ostoyae</i> (Romagn.) Herink	B	conifers	Armillaria root rot	
<i>Armillaria ponderosa</i> (Peck) Sacc.	B	under conifers	white matsutake	
<i>Armillaria sinapina</i> Bérubé & Dessur.	B	conifers and hardwoods	Armillaria root rot	
<i>Ascocoryne sarcoides</i> (Jacq.:Fr.) J.W. Groves & D.E. Wilson	A	spruces	pink stain	<i>Coryne dubia</i> (Pers.) Gray
<i>Ascodichaena rugosa</i> Butin	A	beech	black patch	<i>Polymorphum quercinum</i> (Pers.) Chevall.

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Asteroma caryae</i> (Peck) B. Sutton	D	hickories	leaf spot of hickory	<i>Gnomonia caryae</i> F.A. Wolf
<i>Asteroma microspermum</i> (Peck) B. Sutton	D	birch	leaf spot	
<i>Asteroma ulmeum</i> (Miles) B. Sutton	D	elms	leaf spot	<i>Stegophora ulmea</i> (Schwein.:Fr.) Syd. & P. Syd.
<i>Asterosporium betulinum</i> Peck	D	birch	branch canker	
<i>Atopospora betulina</i> (Fr.:Fr.) Petr.	A	birch	tar spot	
<i>Aureobasidium apocryptum</i> (Ellis & Everh.) Herm.-Nijh.	D	maples	anthracnose	
<i>Aureobasidium pullulans</i> (de Bary) G. Arnaud	D	cosmopolitan	Pullularia	
<i>Bifusella linearis</i> (Peck) Höhn.	A	eastern white pine	Bifusella needle cast	<i>Hypodermium effusum</i> Schwein.
<i>Bjerkandera adusta</i> (Willd.:Fr.) P. Karst.	B	hardwoods	scorched conk	
<i>Bjerkandera fumosa</i> (Pers.:Fr.) P. Karst.	B	hardwoods	anise conk	
<i>Blumeriella jaapii</i> (Rehm) Arx	A	cherries & plums	shot-hole	<i>Phloeosporella padi</i> (Lib.) Arx
<i>Botryodiplodia gallae</i> (Schwein.) Petr. & Syd.	D	oaks	oak dieback	
<i>Botryosphaeria obtusa</i> (Schwein.) Shoemaker	A	apples & other hardwoods	frog-eye leaf spot	<i>Sphaeropsis</i> sp.
<i>Botryosphaeria stevensii</i> Shoemaker	A	apples & other hardwoods	black rot	<i>Diplodia mutila</i> (Fr.:Fr.) Mont.
<i>Botryotinia fuckeliana</i> (de Bary) Whetzel	A	nursery stock and house plants	gray mold	<i>Botrytis cinerea</i> Pers.:Fr.
<i>Botrytis cinerea</i> Pers.:Fr.	D	nursery stock and house plants	gray mold	<i>Botryotinia fuckeliana</i> (de Bary) Whetzel
<i>Brunchorstia laricina</i> Ettl.	D	larch	Scleroderris canker	<i>Gremmeniella laricina</i> (Ettl.) Petrini et al.
<i>Brunchorstia pinea</i> (P. Karst.) Höhn.	D	N. Amer. race – pines Eur. race – pines, firs, spruces & larches	Scleroderris canker	<i>Gremmeniella abietina</i> (Lagerb.) M. Morelet
<i>Bursaphelenchus xylophilus</i> (Steiner & Buhrer) Nickle	Nema.	conifers	pinewood nematode	
<i>Caliciopsis pinea</i> Peck	A	eastern white pine	Caliciopsis canker	

(cont'd)

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Calonectria kyotensis</i> Terash.	A	conifer and nursery stock	Cylindrocladium root rot	<i>Cylindrocladium scoparium</i> Morgan
<i>Caloscypha fulgens</i> (Pers.) Boud.	A	conifer seeds	seed rot	<i>Geniculodendron pyriforme</i> G.A. Salt
<i>Capnodium salicinum</i> Mont.	A	hardwoods	sooty mold	<i>Fumagospora capnodioides</i> G. Arnaud
<i>Cenangium acicola</i> (Fuckel) Rehm	A	pinus	needle cup	
<i>Cenangium atropurpureum</i> E.K. Cash & R.W. Davidson	A	pinus	needle Cenangium	
<i>Cenangium ferruginosum</i> Fr.:Fr.	A	jack pine and Scots pine	yellow cup	
<i>Ceratocystis coerulescens</i> (Münch) B.K. Bakshi	A	hardwoods and conifers	sap streak	<i>Chalara ungeri</i> Sacc.
<i>Ceratocystis fagacearum</i> (Bretz) J. Hunt	A	oaks	oak wilt	<i>Chalara quercina</i> B.W. Henry
<i>Ceratocystis fimbriata</i> Ellis & Halst.	A	poplars	poplar target canker	<i>Chalara</i> sp.
<i>Cerrena unicolor</i> (Bull.:Fr.) Murrill	B	hardwoods	mossy maze conk	
<i>Chalara quercina</i> B.W. Henry	D	oaks	oak wilt	<i>Ceratocystis fagacearum</i> (Bretz) J. Hunt
<i>Chalara ungeri</i> Sacc.	D	hardwoods and conifers	sap streak	<i>Ceratocystis coerulescens</i> (Münch) B.K. Bakshi
<i>Chapeckia nigrospora</i> (Peck) M.E. Barr	A	birches	blackened branch canker	
<i>Chlorociboria aeruginascens</i> (Nyl.) Kanouse ex C.S. Ramamurthi, Korf & L.R. Batra	A	rotting wood	green stain	
<i>Chondrostereum purpureum</i> (Pers.:Fr.) Pouzar	B	hardwoods	silver-leaf fungus	
<i>Chrysomyxa arctostaphyli</i> Dietel	B	spruces	spruce broom rust alt. bearberry	
<i>Chrysomyxa ledi</i> (Alb. & Schwein.) de Bary var. <i>ledi</i> var. <i>cassandrae</i> (Peck & Clinton) Savile	B	spruces	spruce needle rust alt. Labrador tea alt. leatherleaf	
<i>Chrysomyxa ledicola</i> Lagerh.	B	spruces alt. Labrador tea	large-spored spruce needle rust	
<i>Chrysomyxa pirolata</i> G. Winter	B	spruces alt. pyrolas	spruce cone rust	

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Chrysomyxa weirii</i> H.S. Jacks.	B	spruces	Weir's spruce cushion rust	
<i>Ciborinia foliicola</i> (E.K. Cash & R.W. Davidson) Whetzel	A	willows	black rib of willow	
<i>Ciborinia whetzelii</i> (Seaver) Seaver	A	trembling aspen	ink spot of aspen	<i>Sclerotium bifrons</i> Ellis & Everh. ex Sacc. & Syd.
<i>Ciborinia wisconsinensis</i> L.R. Batra	A	willows	black rib of willow	
<i>Cladosporium humile</i> Davis	D	maples	leaf spot	<i>Venturia acerina</i> Plakidas ex M.E. Barr
<i>Climacocystis borealis</i> (Fr.:Fr.) Kotl. & Pouzar	B	conifers	borealis rotter	
<i>Climacodon septentrionalis</i> (Fr.:Fr.) P. Karst.	B	hardwoods	northern tooth	
<i>Coccomyces strobi</i> J. Reid & Cain	A	eastern white pine and red pine	Coccomyces canker	
<i>Coleosporium asterum</i> (Dietel) Syd. & P. Syd.	B	pinus alt. goldenrods, asters	pine needle rust	
<i>Coleosporium pinicola</i> Arthur	B	jack pine	pine needle rust	
<i>Coleosporium viburni</i> Arthur	B	jack and red pine alt. viburnums	pine needle rust	
<i>Colletotrichum gloeosporioides</i> (Penz.) Penz. & Sacc.	D	willows	black canker of willow	<i>Glomerella cingulata</i> (Stoneman) Spauld. & H. Schrenk
<i>Coniophora puteana</i> (Schumach.:Fr.) P. Karst.	B	conifers and hardwoods	brown cubical rot	
<i>Cordana pauciseptata</i> Preuss	D	conifers and hardwoods	blue stain	
<i>Corniculariella spina</i> (Berk. & Ravenel) DiCosmo	D	hardwoods, esp. ashes	canker	<i>Durandiella fraxini</i> (Schwein.:Fr.) Seaver
<i>Coryne dubia</i> (Pers.) Gray	D	spruces	pink stain	<i>Ascocoryne sarcoides</i> (Jacq.:Fr.) J.W. Groves & D.E. Wilson
<i>Coryneum umbonatum</i> Nees	D	oaks	oak Coryneum	<i>Pseudovalsa longipes</i> (Tul.) Sacc.
<i>Cristulariella moricola</i> (I. Hino) Redhead	D	maples	bull's eye leaf spot	<i>Grovesinia pyramidalis</i> M.N. Cline, J.L. Crane & S.D. Cline

(cont'd)

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Cronartium coleosporioides</i> Arthur f. sp. <i>coleosporioides</i>	B	jack and Scots pines alt. Indian paint brush and cow-wheat	orange stalactiform blister rust	
<i>Cronartium comandrae</i> Peck	B	jack pine alt. bastard toad flax and northern comandra	comandra blister rust	
<i>Cronartium comptoniae</i> Arthur	B	jack, Austrian and Scots pines alt. sweet gale and sweet fern	sweet fern blister rust	
<i>Cronartium quercuum</i> (Berk.) Miyabe ex Shirai f. sp. <i>banksianae</i> Burds. & G. Snow	B	jack and Scots pines alt. oaks	eastern gall rust	
<i>Cronartium ribicola</i> J.C. Fisch.	B	eastern white pine alt. currants and gooseberries	white pine blister rust	
<i>Cryphonectria parasitica</i> (Murrill) M.E. Barr	A	hardwoods, mainly chestnuts & oaks	chestnut blight	
<i>Cryptodiaporthe acerinum</i> J. Reid & Cain	A	maples	branch canker	
<i>Cryptodiaporthe hystrix</i> (Tode:Fr.) Petr.	A	maples	maple blight	<i>Diplodina acerina</i> (Pass.) B. Sutton
<i>Cryptodiaporthe populea</i> (Sacc.) Butin	A	poplars	Dothichiza canker	<i>Discosporium populeum</i> (Sacc.) B. Sutton
<i>Cryptodiaporthe salicella</i> (Fr.:Fr.) Petr.	A	willows	willow dieback	<i>Diplodina microsperma</i> (Johnst.) B. Sutton
<i>Cryptoporus volvatus</i> (Peck) Shear	B	conifers – red pine	pouch fungus	
<i>Cyclaneusma minus</i> (Butin) DiCosmo, Peredo & Minter	A	pinus, esp. Scots	Naemacyclus needle cast	
<i>Cyclaneusma niveum</i> (Pers.:Fr.) DiCosmo Peredo & Minter	A	pinus – not Scots	Naemacyclus needle cast	
<i>Cylindrocarpon faginatum</i> C. Booth	D	hickory and beech	beech bark disease	<i>Nectria coccinea</i> (Pers.:Fr.) Fr. var. <i>faginata</i> M.L. Lohman, A.M.J. Watson & Ayers
<i>Cylindrocarpon heteronemum</i> (Berk. & Broome) Wollenw.	D	hardwoods	target canker	<i>Nectria galligena</i> Bres.

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Cylindrocladium scoparium</i> Morgan	D	conifer nursery stock	Cylindrocladium root rot	<i>Calonectria kyotensis</i> Terash.
<i>Cylindrosporella betulae-papyriferae</i> (Dearn. & Overh.) Arx	D	paper birch	leaf spot	
<i>Cylindrosporium juglandis</i> F.A. Wolf	D	black walnut	leaf spot	<i>Mycosphaerella juglandis</i> K.J. Kessler
<i>Cylindrosporium populinum</i> (Peck) Vassiljevsky	D	poplars	leaf spot	
<i>Cylindrosporium salicinum</i> (Peck) Dearn.	D	willows	leaf spot	
<i>Cytospora abietis</i> Sacc.	D	conifers	Cytospora canker	<i>Valsa abietis</i> (Fr.:Fr.) Fr.
<i>Cytospora annulata</i> Ellis & Everh.	D	maples	Cytospora canker	<i>Valsa ambiens</i> (Pers.:Fr.) Fr. subsp. <i>leucostomoides</i> (Peck) Spielman
<i>Cytospora chrysosperma</i> (Pers.:Fr.) Fr.	D	poplars, willows	Cytospora canker	<i>Valsa sordida</i> Nitschke
<i>Cytospora cincta</i> Sacc.	D	mountain-ash, cherries	Cytospora canker	<i>Leucostoma cincta</i> (Fr.:Fr.) Höhn.
<i>Cytospora kunzei</i> Sacc.	D	spruces, esp. blue	Cytospora canker	<i>Leucostoma kunzei</i> (Fr.:Fr.) Munk
<i>Cytospora leucosperma</i> (Pers.:Fr.) Fr.	D	hardwoods	Cytospora canker	<i>Valsa ambiens</i> (Pers.:Fr.) Fr.
<i>Cytospora leucostoma</i> Sacc.	D	hardwoods	Cytospora canker	<i>Leucostoma persoonii</i> (Nitschke) Höhn.
<i>Cytospora nivea</i> Sacc.	D	willows, poplars	Cytospora canker	<i>Leucostoma nivea</i> (Hoffm.:Fr.) Höhn.
<i>Cytospora pinastri</i> Fr.:Fr.	D	balsam fir	fir needle blight	<i>Valsa friesii</i> (Duby) Fuckel
<i>Cytospora pini</i> Desm.	D	eastern white pine	Cytospora canker	<i>Valsa pini</i> (Alb. & Schwein.) Fr.
<i>Cytospora pruinosa</i> (Fr.:Fr.) Sacc.	D	white ash	Cytospora canker	<i>Valsa cypri</i> (Tul.) Tul. & C. Tul.
<i>Cytosporina ludibunda</i> Sacc.	D	white elm	elm twig canker	
<i>Daedalea quercina</i> (L.:Fr.) Fr.	B	hardwoods, esp. oak	thick-maze oak polypore	
<i>Daedaleopsis confragosa</i> (Bolton:Fr.) J. Schröt.	B	hardwoods	thin-maze flat polypore	
<i>Daldinia concentrica</i> (Bolton:Fr.) Ces. & De Not.	A	hardwoods	carbon ball	
<i>Davisomycella ampla</i> (Davis) Darker	A	jack pine	tar spot needle cast	
<i>Davisomycella fragilis</i> Darker	A	jack pine	brittle tar spot needle cast	

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Delphinella balsameae</i> (Waterman) E. Müll.	A	balsam fir	Delphinella tip blight	
<i>Dermea acerina</i> (Peck) Rehm	A	maples	maple canker	<i>Sphaeronema acerinum</i> Peck
<i>Dermea balsamea</i> (Peck) Seaver	A	balsam fir, hemlock	Dermea twig canker	<i>Foveostroma abietinum</i> (Peck) DiCosmo
<i>Didymascella thujina</i> (E.J. Durand) Maire	A	cedars	Keithia needle blight	
<i>Didymochora betulina</i> Höhn.	D	birches	leaf spot	
<i>Didymosphaeria catalpae</i> J.B. Parker	A	catalpa	leaf spot	<i>Phyllosticta catalpae</i> Ellis & G.W. Martin
<i>Diplocarpon mespili</i> (Sorauer) B. Sutton	A	rosaceous hardwoods	Fabraea leaf spot	<i>Entomosporium mespili</i> (DC.) Sacc.
<i>Diplodia mutila</i> (Fr.:Fr.) Mont.	D	apples and other hardwoods	black rot	<i>Botryosphaeria stevensii</i> Shoemaker
<i>Diplodia tumefaciens</i> (Shear) Zalasky	D	poplars	rough bark	<i>Keissleriella emergens</i> (P. Karst.) S.K. Bose
<i>Diplodina acerina</i> (Pass.) B. Sutton	D	maples	maple blight	<i>Cryptodiaporthe hystrix</i> (Tode:Fr.) Petr.
<i>Diplodina microsperma</i> (Johnst.) B. Sutton	D	willows	willow dieback	<i>Cryptodiaporthe salicella</i> (Fr.:Fr.) Petr.
<i>Discella quercina</i> (G. Winter) Arx	D	oaks	leaf spot	
<i>Discosporium populeum</i> (Sacc.) B. Sutton	D	poplars	Dothichiza canker	<i>Cryptodiaporthe populea</i> (Sacc.) Butin
<i>Discula betulina</i> (Westend.) Arx	D	birches	anthracnose	
<i>Discula campestris</i> (Pass.) Arx	D	maples	anthracnose	
<i>Discula fraxinea</i> (Peck) Redlin & Stack	D	ash	anthracnose	<i>Gnomoniella fraxini</i> Redlin & Stack
<i>Discula platani</i> (Peck) Sacc.	D	sycamore	anthracnose	<i>Apiognomonina veneta</i> (Sacc. & Speg.) Höhn.
<i>Discula umbrinella</i> (Berk. & Broome) M. Morelet	D	hardwoods	anthracnose	<i>Apiognomonina errabunda</i> (Roberge) Höhn.
<i>Dothistroma septospora</i> (Dorogin) M. Morelet	D	Austrian pine	red band needle blight	<i>Mycosphaerella pini</i> Rostr.
<i>Drepanopeziza populi-albae</i> (Kleb.) Nannf.	A	poplars	poplar Marssonina	<i>Marssonina castagnei</i> (Desm. & Mont.) Magnus
<i>Drepanopeziza populorum</i> (Desm.) Höhn.	A	poplars	poplar Marssonina	<i>Marssonina populi</i> (Lib.) Magnus
<i>Drepanopeziza salicis</i> (Tul. & C. Tul.) Höhn.	A	willows	leaf spot	<i>Monostichella salicis</i> (Westend.) Arx
<i>Drepanopeziza tremulae</i> Rimpau	A	poplars	poplar Marssonina	<i>Marssonina tremulae</i> (Lib.) Kleb.
<i>Durandiella fraxini</i> (Schwein.:Fr.) Seaver	A	hardwoods, esp. ashes	ash dieback	<i>Corniculariella spina</i> (Berk. & Ravenel) DiCosmo
<i>Elytroderma deformans</i> (Weir) Darker	A	jack pine	needle cast	

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Endocronartium harknessii</i> (J.P. Moore) Y. Hirats.	B	pinus	western gall rust	
<i>Entomosporium mespili</i> (DC.) Sacc.	D	rosaceous hardwoods	Fabraea leaf spot	<i>Diplocarpon mespili</i> (Sorauer) B. Sutton
<i>Erwinia amylovora</i> (Burrill) Winslow et al.	Bact.	mountain-ash, apples, flowering crabs	fire blight	
<i>Erysiphe aggregata</i> (Peck) Farl.	A	alders	catkin powdery mildew	
<i>Eutypella parasitica</i> R.W. Davidson & R.C. Lorenz	A	sugar maple	Eutypella canker	
<i>Eutypella quaternata</i> (Pers.:Fr.) Rappaz	A	beech and other hardwoods	bark canker	<i>Libertella faginea</i> Desm.
<i>Fabrella tsugae</i> (Farl.) Kirschst.	A	hemlock	hemlock needle blight	
<i>Fomes fomentarius</i> (L.:Fr.) J. Kickx f.	B	hardwoods	tinder fungus	
<i>Fomitopsis cajanderi</i> (P. Karst.) Kotl. & Pouzar	B	conifers	rose-colored conk	
<i>Fomitopsis pinicola</i> (Sw.:Fr.) P. Karst.	B	conifers and hardwoods	red belt fungus	
<i>Fomitopsis rosea</i> (Alb. & Schwein:Fr.) P. Karst.	B	conifers	rose-colored conk	
<i>Foveostroma abietinum</i> (Peck) DiCosmo	D	conifers	Dermea twig canker	<i>Dermea balsamea</i> (Peck) Seaver
<i>Fumagospora capnodioides</i> G. Arnaud	D	hardwoods	sooty mold	<i>Capnodium salicinum</i> Mont.
<i>Fusarium avenaceum</i> (Fr.:Fr.) Sacc.	D	cosmopolitan	Fusarium	<i>Giberella avenacea</i> R.J. Cook
<i>Fusarium oxysporum</i> Scltdl.:Fr. f. sp. <i>pini</i> (R. Hartig) W.C. Snyder & H.N. Hansen	D	conifers	damping-off	
<i>Ganoderma applanatum</i> (Pers.) Pat.	B	hardwoods, occasional on conifers	artist's conk	
<i>Ganoderma lucidum</i> (Curtis:Fr.) P. Karst.	B	hardwoods, conifers	lacquer conk	
<i>Ganoderma tsugae</i> Murrill	B	hemlock	hemlock lacquer conk	
<i>Geniculodendron pyriforme</i> G.A. Salt	D	conifer seeds	seed rot	<i>Caloscypha fulgens</i> (Pers.) Boud.
<i>Giberella avenacea</i> R.J. Cook	A	cosmopolitan	Fusarium	<i>Fusarium avenaceum</i> (Fr.:Fr.) Sacc.
<i>Gloeophyllum sepiarium</i> (Wulfen:Fr.) P. Karst.	B	conifers & hardwoods	chocolate shelf	
<i>Gloeophyllum trabeum</i> (Pers.:Fr.) Murrill	B	hardwoods	maze-gill conk	
<i>Gloeoporus dichrous</i> (Fr.:Fr.) Bres.	B	hardwoods	gelatinous-pored polypore	

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Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Glomerella cingulata</i> (Stoneman) Spauld. & H. Schrenk	A	willows	black canker of willow	<i>Colletotrichum gloeosporioides</i> (Penz.) Penz. & Sacc.
<i>Gnomonia caryae</i> F.A. Wolf	A	hickories	leaf spot of hickory	<i>Asteroma caryae</i> (Peck) B. Sutton
<i>Gnomonia leptostyla</i> (Fr.:Fr.) Ces. & De Not.	A	walnuts	leaf spot	<i>Marssonina juglandis</i> (Lib.) Magnus
<i>Gnomoniella fraxini</i> Redlin & Stack	A	ashes	anthracnose	<i>Discula fraxinea</i> (Peck) Redlin & Stack
<i>Gremmeniella abietina</i> (Lagerb.) M. Morelet	A	conifers	Scleroderris canker	<i>Brunchorstia pinea</i> (P. Karst.) Höhn.
<i>Gremmeniella laricina</i> (Ettl.) Petrini et al.	A	larch	Scleroderris canker	<i>Brunchorstia laricina</i> Ettl.
<i>Grovesinia pyramidalis</i> M.N. Cline, J.L. Crane & S.D. Cline	A	maples	bull's eye leaf spot	<i>Cristulariella moricola</i> (I. Hino) Redhead
<i>Guignardia aesculi</i> (Peck) V.B. Stewart	A	horse-chestnut leaf blotch	horse-chestnut	<i>Phyllosticta sphaeropsoidea</i> Ellis & Everh.
<i>Gymnosporangium clavariiforme</i> (Wulfen:Pers.) DC.	B	junipers, alt. hawthorns	clavariiforme juniper rust	
<i>Gymnosporangium clavipes</i> (Cooke & Peck) Cooke & Peck	B	junipers, alt. hawthorns, serviceberries	quince rust	
<i>Gymnosporangium cornutum</i> Arthur ex Kern	B	junipers, alt. mountain-ash	mountain-ash–juniper rust	
<i>Gymnosporangium globosum</i> (Farl.) Farl.	B	junipers, alt. hawthorns	globose gall rust	
<i>Gymnosporangium juniperi-virginianae</i> Schwein.	B	junipers alt. apples	cedar–apple rust	
<i>Hendersonia pinicola</i> Wehm.	D	pinus	needle cast parasite	
<i>Herpotrichia juniperi</i> (Duby) Petr.	A	conifers	snow mold	
<i>Heterobasidium annosum</i> (Fr.:Fr.) Bref.	B	conifers	Fomes root rot	<i>Spiniger meineckellus</i> (A.J. Olson) Stalpers
<i>Hymenochaete agglutinans</i> Ellis	B	hardwoods	glueing fungus	
<i>Hypodermella laricis</i> Tubeuf	A	larches	needle cast	<i>Leptothyrella laricis</i> Dearn.
<i>Hypodermina hartigii</i> Hilitzer	D	spruces	needle cast	<i>Lirula macrospora</i> (R. Hartig) Darker
<i>Hypodermium effusum</i> Schwein.	D	eastern white pine	Bifusella needle cast	<i>Bifusella linearis</i> (Peck) Höhn.

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<i>Hypoxylon cohaerens</i> (Pers.:Fr.) Fr.	A	beech	beech dieback	
<i>Hypoxylon mammatum</i> (Wahlenb.) P. Karst.	A	maples, poplars, yellow birch	Hypoxylon canker	
<i>Inonotus circinatus</i> (Fr.) Gilb.	B	conifers	circinatus root rot	
<i>Inonotus obliquus</i> (Pers.:Fr.) Pilát	B	birches	clinker conk	
<i>Inonotus tomentosus</i> (Fr.:Fr.) S. Teng	B	conifers	tomentosus root rot	
<i>Irpex lacteus</i> (Fr.:Fr.) Fr.	B	hardwoods	white tooth	
<i>Ischnoderma resinatum</i> (Schröd.:Fr.) P. Karst.	B	hardwoods	resinous polypore	
<i>Isthmiella crepidiformis</i> (Darker) Darker	A	black spruce	needle cast	
<i>Isthmiella faullii</i> (Darker) Darker	A	balsam fir	needle cast	
<i>Kabatiella borealis</i> (Ellis & Everh.) Arx	D	poplars, willows	anthracnose	
<i>Kabatina juniperi</i> R. Schneid. & Arx.	D	junipers	shoot blight	
<i>Kabatina thujae</i> R. Schneid. & Arx	D	cedars	shoot blight	
<i>Keissleriella emergens</i> (P.Karst.) S.K. Bose	A	poplars	rough bark	<i>Diplodia tumefaciens</i> (Shear) Zalasky
<i>Lachnellula agassizii</i> (Berk. & M.A. Curtis) Dennis	A	conifers	white-haired bark cup	
<i>Lachnellula occidentalis</i> (G.G. Hahn & Ayers) Dharne	A	larches	white-haired larch cup	
<i>Lachnellula willkommii</i> (R. Hartig) Dennis	A	European larch	European larch canker	
<i>Laetiporus sulphureus</i> (Bull.:Fr.) Murrill	B	oak, hardwoods	sulphur shelf	<i>Sporotrichum versisporum</i> (Lloyd) Stalpers
<i>Lecanosticta acicola</i> (Thüm.) Syd.	D	pinus	brown-spot needle blight	<i>Mycosphaerella dearnessii</i> M.E. Barr
<i>Lenzites betulina</i> (L.:Fr.) Fr.	B	hardwoods	little gilled birch shelf	
<i>Leptographium procerum</i> (W.B. Kendr.) M.J. Wingf.	D	red and eastern white pine	black root stain	
<i>Leptographium terebrantis</i> S.J. Barras & T.J. Perry	D	pinus	blue root stain	
<i>Leptostroma abietis</i> Darker	D	spruce	needle cast	<i>Lophodermium piceae</i> (Fuckel) Höhn.
<i>Leptostroma austriacum</i> Oudem.	D	pinus	needle cast	<i>Lophodermium seditiosum</i> Minter, Staley & Millar
<i>Leptostroma durissimum</i> Cooke	D	pinus	needle cast	<i>Lophodermium australe</i> Dearn.

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Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Leptostroma pinorum</i> Sacc.	D	pinos	needle cast	<i>Lophodermium conigenum</i> (Brunaud) Hilitzer
<i>Leptostroma rostrupii</i> Minter	D	pinos	needle cast	<i>Lophodermium seditiosum</i> Minter, Staley & Millar
<i>Leptothyrella laricis</i> Dearn.	D	larches	needle cast	<i>Hypodermella laricis</i> Tubeuf
<i>Leucostoma cincta</i> (Fr.:Fr.) Höhn.	A	mountain-ash, cherries	Cytospora canker	<i>Cytospora cincta</i> Sacc.
<i>Leucostoma kunzei</i> (Fr.:Fr.) Munk	A	conifers, esp. blue spruce	Cytospora canker	<i>Cytospora kunzei</i> Sacc.
<i>Leucostoma nivea</i> (Hoffm.:Fr.) Höhn.	A	willows, poplars	Cytospora canker	<i>Cytospora nivea</i> Sacc.
<i>Leucostoma personii</i> (Nitschke) Höhn.	A	hardwoods	Cytospora canker	<i>Cytospora leucostoma</i> Sacc.
<i>Libertella faginea</i> Desm.	D	beech & other hardwoods	bark canker	<i>Eutypella quaternata</i> (Pers.:Fr.) Rappaz
<i>Linospora arctica</i> P. Karst. var. <i>helvetica</i> Rehm	A	willows	Linospora willow blight	
<i>Linospora tetraspora</i> G.E. Thomps.	A	balsam poplar	Linospora leaf blight	
<i>Lirula macrospora</i> (R. Hartig) Darker	A	spruces	needle cast	<i>Hypodermina hartigii</i> Hilitzer
<i>Lirula mirabilis</i> (Darker) Darker	A	balsam fir	needle cast	
<i>Lirula nervata</i> (Darker) Darker	A	balsam fir	needle cast	
<i>Lirula punctata</i> (Darker) Darker	A	balsam fir	needle cast	
<i>Lophodermella concolor</i> (Dearn.) Darker	A	pinos	needle cast	
<i>Lophodermella montivaga</i> Petr.	A	pinos	needle cast	
<i>Lophodermella sulcigena</i> (Rostr.) Höhn.	A	pinos	needle cast	
<i>Lophodermium australe</i> Dearn.	A	pinos	needle cast	<i>Leptostroma durissimum</i> Cooke
<i>Lophodermium conigenum</i> (Brunaud) Hilitzer	A	pinos	needle cast	<i>Leptostroma pinorum</i> Sacc.
<i>Lophodermium juniperinum</i> (Fr.) De Not.	A	junipers	needle cast	
<i>Lophodermium nitens</i> Darker	A	eastern white & red pine seedlings	needle cast	
<i>Lophodermium piceae</i> (Fuckel) Höhn.	A	spruces	needle cast	<i>Leptostroma abietis</i> Darker
<i>Lophodermium pinastri</i> (Schrad.:Fr.) Chevall.	A	pinos	needle cast	

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<i>Lophodermium seditiosum</i> Minter, Staley & Millar	A	pinus	needle cast	<i>Leptostroma austriacum</i> Oudem. <i>Leptostroma rostrupii</i> Minter
<i>Lophomerum autumnale</i> (Darker) Magasi	A	balsam fir	needle cast	
<i>Lophomerum darkerii</i> Ouell.	A	spruces	needle cast	
<i>Lophophacidium dooksii</i> Corlett & Shoemaker	A	eastern white pine	Dooks' needle blight	
<i>Lophophacidium hyperboreum</i> Lagerb.	A	spruces	snow blight	
<i>Marssonina balsamiferae</i> Y. Hirats.	D	balsam poplar	leaf spot	
<i>Marssonina castagnei</i> (Desm. & Mont.) Magnus	D	poplars	poplar Marssonina	<i>Drepanopeziza populi-albae</i> (Kleb.) Nannf.
<i>Marssonina juglandis</i> (Lib.) Magnus	D	hickories, walnuts	leaf spot	<i>Gnomonia leptostyla</i> (Fr.:Fr.) Ces. & De Not.
<i>Marssonina martinii</i> (Sacc. & Ellis) Magnus	D	oaks	leaf spot	
<i>Marssonina populi</i> (Lib.) Magnus	D	poplars	poplar Marssonina	<i>Drepanopeziza populorum</i> (Desm.) Höhn.
<i>Marssonina tremulae</i> (Lib.) Kleb.	D	poplars	poplar Marssonina	<i>Drepanopeziza tremulae</i> Rimpau
<i>Massaria inquinans</i> (Tode:Fr.) De Not.	A	sugar maple	branch canker	
<i>Melampsora abietis-capraearum</i> Tubeuf	B	balsam fir, alt. willows	fir-willow, rust	
<i>Melampsora abietis-canadensis</i> C.A. Ludw. ex Arthur	B	eastern hemlock, alt. poplars	hemlock-poplar rust	
<i>Melampsora epitea</i> Thüm. f. sp. <i>tsugae</i> Ziller	B	eastern hemlock, alt. willows	hemlock-willow rust	
<i>Melampsora medusae</i> Thüm.	B	tamarack, alt. poplars	larch-poplar rust	
<i>Melampsora paradoxa</i> Dietel & Holw.	B	tamarack, alt. willows	larch-willow rust	
<i>Melampsorella caryophyllacearum</i> J. Schröt.	B	balsam fir, alt. chickweed	fir broom rust	
<i>Melampsorium betulinum</i> Kleb.	B	birch, alt. larch	birch rust	
<i>Melanconis juglandis</i> (Ellis & Everh.) A.H. Graves	A	butternut	branch dieback	<i>Melanconium oblongum</i> Berk.
<i>Melanconis stilbostoma</i> (Fr.:Fr.) Tul.	A	birches	branch dieback	<i>Melanconium bicolor</i> Nees:Fr.

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Melanconium bicolor</i> Nees:Fr.	D	birches	branch dieback	<i>Melanconis stilbostoma</i> (Fr.:Fr.) Tul.
<i>Melanconium oblongum</i> Berk.	D	butternut	branch dieback	<i>Melanconis juglandis</i> (Ellis & Everh.) A.H. Graves
<i>Melasmia acerina</i> Lév.	D	maples	tar spot	<i>Rhytisma acerinum</i> (Pers.:Fr.) Fr.
<i>Melasmia punctata</i> Sacc. & Roum.	D	maples	speckled tar spot	<i>Rhytisma punctatum</i> (Pers.:Fr.) Fr.
<i>Melasmia salicina</i> Lév.	D	willow	tar spot	<i>Rhytisma salicinum</i> (Pers.:Fr.) Fr.
<i>Meloderma desmazieresii</i> (Duby) Darker	A	pinus	needle blight	
<i>Meria laricis</i> Vuill.	D	European larch	Meria needle cast	
<i>Meruliporia incrassata</i> (Berk. & M.A. Curtis) Murrill	B	conifers	house rotter	
<i>Microsphaera penicillata</i> (Wallr.:Fr.) Lév.	A	hardwoods and shrubs	powdery mildew	
<i>Microstroma juglandis</i> (Bérenger) Sacc.	B	hickories, walnuts and butternut	white mold	
<i>Monilinia fructicola</i> (G. Winter) Honey	A	cherries	brown rot	<i>Monilia</i> sp.
<i>Monostichella robergei</i> (Desm.) Höhn.	D	blue beech	leaf spot	
<i>Monostichella salicis</i> (Westend.) Arx	D	willows	leaf spot	<i>Drepanopeziza salicis</i> (Tul. & C. Tul.) Höhn.
<i>Mycosphaerella dearnessii</i> M.E. Barr	A	pinus	brown-spot needle blight	<i>Lecanosticta acicola</i> (Thüm.) Syd.
<i>Mycosphaerella effigurata</i> (Schwein.) House	A	ashes	leaf spot	<i>Piggotia fraxini</i> Berk. & M.A. Curtis
<i>Mycosphaerella fraxinicola</i> (Schwein.) House	A	ashes	leaf spot	<i>Phyllosticta viridis</i> Ellis & Kellerm.
<i>Mycosphaerella juglandis</i> K.J. Kessler	A	black walnut	leaf spot	<i>Cylindrosporium juglandis</i> F.A. Wolf.
<i>Mycosphaerella laricina</i> (R. Hartig) Mig.	A	larch	needle cast	<i>Cercoseptoria</i> sp.
<i>Mycosphaerella pini</i> Rostr.	A	Austrian pine	red band needle blight	<i>Dothistroma septospora</i> (Dorogin) M. Morelet
<i>Mycosphaerella populi</i> (Auersw.) J. Schröt.	A	poplars	Septoria leaf spot	<i>Septoria populi</i> Desm.
<i>Mycosphaerella populicola</i> G.E. Thomps.	A	balsam and other poplars	Septoria leaf spot	<i>Septoria populicola</i> Peck
<i>Mycosphaerella populorum</i> G.E. Thomps.	A	balsam, exotics, and hybrid poplars	Septoria canker	<i>Septoria musiva</i> Peck
<i>Mytilinidion mytilinellum</i> (Fr.) H. Zogg	A	pinus and spruces	clam shell	

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<i>Nectria cinnabarina</i> (Tode:Fr.) Fr.	A	hardwoods	coral spot	<i>Tubercularia vulgaris</i> Tode:Fr.
<i>Nectria coccinea</i> (Pers.:Fr.) Fr. var. <i>faginata</i> M.L. Lohman, A.M.J. Watson & Ayers	A	hickory & beech	beech bark disease	<i>Cylindrocarpon faginatum</i> C. Booth
<i>Nectria galligena</i> Bres.	A	hardwoods	target canker	<i>Cylindrocarpon heteronemum</i> (Berk. & Broome) Wollenw.
<i>Nothopacidium abietinellum</i> (Dearn.) J. Reid & Cain	A	balsam fir	snow blight	
<i>Ophiostoma ulmi</i> (Buisman) Nannf.	A	elms	Dutch elm disease	<i>Pesotum ulmi</i> (M.B. Schwarz) J.L. Crane & Schokn.
<i>Oxyporus populinus</i> (Schumach.:Fr.) Donk	B	maples and other hardwoods	mossy maple conk	
<i>Perenniporia fraxinophila</i> (Peck) Ryvarden	B	ashes and other hardwoods	ash Fomes	
<i>Perenniporia subacida</i> (Peck) Donk	B	hardwoods and conifers	white root conk	
<i>Pesotum ulmi</i> (M.B. Schwarz) J.L. Crane & Schokn.	D	elms	Dutch elm disease	<i>Ophiostoma ulmi</i> (Buisman) Nannf.
<i>Phacidiopycnis pseudotsugae</i> (M. Wilson) G.G. Hahn	D	conifers	snow blight	<i>Phacidium coniferarum</i> (G.G. Hahn) DiCosmo Nag Raj & W.B. Kendr.
<i>Phacidium abietis</i> (Dearn.) J. Reid & Cain	A	balsam fir	snow blight	
<i>Phacidium balsamicola</i> (Smerlis) DiCosmo, Nag Raj & W.B. Kendr.	A	balsam fir	snow blight	
<i>Phacidium coniferarum</i> (G.G. Hahn) DiCosmo,	A	conifers	snow blight	<i>Phacidiopycnis pseudotsugae</i> (M. Wilson) G.G. Hahn
<i>Phaeocryptopus gaeumannii</i> (T. Rohde) Petr.	A	Douglas-fir	Swiss needle cast	
<i>Phaeolus schweinitzii</i> (Fr.:Fr.) Pat.	B	hardwoods and conifers	velvet top fungus	
<i>Phaeoramularia maculicola</i> (Romell & Sacc.) B. Sutton	D	poplars	leaf spot	
<i>Phanerochaete gigantea</i> (Fr.:Fr.) S.S. Rattan et al.	B	conifers	conifer parchment	

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Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Phellinus everhartii</i> (Ellis & Galloway) A. Ames	B	hardwoods, esp. oak	charred Fomes	
<i>Phellinus igniarius</i> (L.:Fr.) Quél.	B	hardwoods, esp. willows	false tinder fungus	
<i>Phellinus pini</i> (Brot.:Fr.) A. Ames	B	conifers	red ring rot	
<i>Phellinus robustus</i> (P. Karst.) Bourd. & Galzin	B	hardwoods	oak loving fomes	
<i>Phellinus tremulae</i> (Bondartsev) Bondartsev & Borissov	B	poplars	poplar false tinder fungus	
<i>Phloeosporella padi</i> (Lib.) Arx	D	cherries and plums	shot-hole	<i>Blumeriella jaapii</i> (Rehm) Arx
<i>Phoma glomerata</i> (Corda) Wollenw. & Hochapfel	D	cosmopolitan	seedling blight	
<i>Phomopsis arnoldiae</i> B. Sutton	D	Russian olive	Russian olive canker	
<i>Phomopsis juniperovora</i> G.G. Hahn	D	junipers and cedars	juniper needle blight	
<i>Phomopsis occulta</i> (Sacc.) Traverso	D	conifers	conifer occulta	
<i>Phyllactinia guttata</i> (Wallr.:Fr.) Lév.	A	hardwoods	powdery mildew	
<i>Phyllosticta catalpae</i> Ellis & G.W. Martin	A	catalpa	leaf spot	<i>Didymosphaeria catalpae</i> J.B. Parker
<i>Phyllosticta minima</i> (Berk. & M.A. Curtis) Underw. & Earle	D	maples	leaf spot	
<i>Phyllosticta multicorniculata</i> Bissett & M.E. Palm	D	balsam fir	needle blight	
<i>Phyllosticta negundinis</i> Sacc. & Speg.	D	Manitoba maple	negundo leaf spot	
<i>Phyllosticta sorbi</i> Westend.	D	mountain-ash	leaf spot	
<i>Phyllosticta sphaerospoidea</i> Ellis & Everh.	D	horse-chestnut leaf blotch	horse-chestnut	<i>Guignardia aesculi</i> (Peck) V.B. Stewart
<i>Phyllosticta thujae</i> Bissett & M.E. Palm	D	eastern white cedar	leaf blight	
<i>Phyllosticta tiliae</i> Sacc. & Speg.	D	basswood	leaf spot	
<i>Phyllosticta viridis</i> Ellis. & Kellerm.	D	ashes	leaf spot	<i>Mycosphaerella fraxinicola</i> (Schwein.) House
<i>Phytophthora nicotianae</i> Breda de Haan var. <i>parastica</i> (Dastur) G.M. Waterh.	Oomy.	cosmopolitan	damping-off	
<i>Piggotia fraxini</i> Berk. & M.A. Curtis	D	ashes	leaf spot	<i>Mycosphaerella effigurata</i> (Schwein.) House

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<i>Piptoporus betulinus</i> (Bull.:Fr.) P. Karst.	B	birches	birch conk	
<i>Plasmopara ribicola</i> J. Schröt. ex Davis	Oomy.	currants and gooseberries	downy mildew	
<i>Plasmopara viburni</i> Peck	Oomy.	high-bush cranberry	downy mildew	
<i>Plasmopara viticola</i> (Berk. & M.A. Curtis) Berl. & De Toni	Oomy.	grape	downy mildew	
<i>Pleuroceras populi</i> G.E. Thomps.	A	poplars	leaf spot	<i>Septomyxa populina</i> (Peck) Arx
<i>Pleurotus ostreatus</i> (Jacq.:Fr.) P. Kumm.	B	hardwoods	oyster mushroom	
<i>Podosphaera clandestina</i> (Wallr.:Fr.) Lév.	A	serviceberries and hawthorn	powdery mildew	
<i>Pollaccia elegans</i> Servazzi	D	balsam poplar	shoot blight	<i>Venturia populina</i> (Vuill.) Fabric.
<i>Pollaccia radiosa</i> (Lib.) E. Bald. & Cif.	D	trembling aspen	shoot blight	<i>Venturia macularis</i> (Fr.:Fr.) E. Müll. & Arx
<i>Pollaccia saliciperda</i> (Allesch. & Tubeuf) Arx	D	willows	willow scab	<i>Venturia saliciperda</i> J. Nüesch
<i>Polymorphum quercinum</i> (Pers.) Chevall.	D	beech	black patch	<i>Ascodichaena rugosa</i> Butin
<i>Postia balsamea</i> (Peck) Jülich	B	conifers, esp. balsam fir	balsam conk	
<i>Pseudovalsa longipes</i> (Tul.) Sacc.	A	oaks	oak Coryneum	<i>Coryneum umbonatum</i> Nees
<i>Puccinia sparganioides</i> Ellis & Barthol.	B	ash, alt. cordgrass	ash leaf rust	
<i>Pucciniastrum americanum</i> (Farl.) Arthur	B	white spruce, alt. raspberry	American spruce-raspberry rust	
<i>Pucciniastrum arcticum</i> Tranzschel	B	white spruce, alt. dwarf raspberry	arctic spruce-raspberry rust	
<i>Pucciniastrum epilobii</i> G.H. Otth	B	balsam fir, alt. fireweed	fireweed rust	
<i>Pucciniastrum goeppertianum</i> (J.G. Kühn) Kleb.	B	balsam fir, alt. blueberry	witches' broom on blueberry	
<i>Pycnoporus cinnabarinus</i> (Jacq.:Fr.) P. Karst.	B	hardwoods, rarely conifers	cinnabar-red polypore	
<i>Pythium ultimum</i> Trow	Oomy.	cosmopolitan	damping-off	

(cont'd)

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Radulodon americanus</i> Ryvardeen	B	hardwoods	aspen root rot	
<i>Resinicium bicolor</i> (Alb. & Schwein.:Fr.) Parmasto	B	conifers	fragile toothed butt rot	
<i>Rhabdocline pseudotsugae</i> Syd.	A	Douglas-fir	Rhabdocline needle cast	
<i>Rhabdocline weirii</i> A.K. Parker & J. Reid subs. <i>oblonga</i> A.K. Parker & J. Reid	A	Douglas-fir	weirii needle cast	
<i>Rhabdogloeopsis balsameae</i> (Davis) Petr.	D	balsam fir	snow blight	<i>Sarcotrochila balsameae</i> (Davis) Korf
<i>Rhizina undulata</i> Fr.:Fr.	A	conifers, esp. seedlings after burns	tea pot fungus	
<i>Rhizoctonia solani</i> J.G. Kühn	D	cosmopolitan	damping-off	<i>Thanatephorus cucumeris</i> (A.B. Frank) Donk
<i>Rhizosphaera kalkhoffii</i> Bubák	D	spruces	needle blight	
<i>Rhizosphaera pini</i> (Corda) Maubl.	D	balsam fir, spruces	needle blight	
<i>Rhytisma acerinum</i> (Pers.:Fr.) Fr.	A	maples	tar spot	<i>Melasmia acerina</i> Lév.
<i>Rhytisma punctatum</i> (Pers.:Fr.) Fr.	A	maples	speckled tar spot	<i>Melasmia punctatum</i> Sacc. & Roum.
<i>Rhytisma salicinum</i> (Pers.:Fr.) Fr.	A	willows	tar spot	<i>Melasmia salicina</i> Lév.
<i>Sarcotrochila balsameae</i> (Davis) Korf	A	balsam fir	snow blight	<i>Rhabdogloeopsis balsameae</i> (Davis) Petr.
<i>Sarcotrochila piniperda</i> (Rehm) Korf	A	spruces	snow blight	
<i>Sarea resinae</i> (Fr.:Fr.) Kuntze	A	white spruce	resin cup	<i>Zythia resinae</i> (Fr.:Fr.) P. Karst.
<i>Schizophyllum commune</i> Fr.:Fr.	B	cosmopolitan	split-gill	
<i>Sclerophoma pythiophila</i> (Corda) Höhn.	D	conifers	needle blight	<i>Sydowia polyspora</i> (Bref. & Tavel) E. Müll.
<i>Sclerotium bifrons</i> Ellis & Everh. ex Sacc. & Syd.	D	poplars	ink spot of aspen	<i>Ciborinia whetzeli</i> (Seaver) Seaver
<i>Scolecnectria cucurbitula</i> (Tode:Fr.) C. Booth	A	pinus, balsam fir	cucurbitula canker	<i>Zythiostroma pinastri</i> (P. Karst.) Höhn.
<i>Scorias spongiosa</i> (Schwein.:Fr.) Fr.	A	white pine	sooty mold	
<i>Scytinostroma galactinum</i> (Fr.) Donk	B	conifers and hardwoods	crusty butt rot	
<i>Septomyxa populina</i> (Peck) Arx	D	poplars	leaf spot	<i>Pleuroceras populi</i> G.E. Thomps.
<i>Septoria aceris</i> (Lib.) Berk. & Broome	D	maples	Septoria leaf spot	
<i>Septoria betulae</i> Pass.	D	birches	leaf spot	

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Septoria betulae-odoratae</i> Bubák & Vleugel	D	birches	leaf spot	
<i>Septoria musiva</i> Peck	D	poplars	Septoria canker	<i>Mycosphaerella populorum</i> G.E. Thomps.
<i>Septoria populi</i> Desm.	D	poplars	Septoria leaf spot	<i>Mycosphaerella populi</i> (Auersw.) J. Schröt.
<i>Septoria populicola</i> Peck	D	poplars, esp. balsam poplar	Septoria leaf spot	<i>Mycosphaerella populicola</i> G.E. Thomps.
<i>Serpula himantoides</i> (Fr.:Fr.) P. Karst.	B	hardwoods and conifers	slash Merulius	
<i>Serpula lacrimans</i> (Wulfen:Fr.) J. Schröt.	B	conifers	dry rotter	
<i>Sirococcus clavignenti-juglandacearum</i> V.M.G Nair, Kostichka & Kuntz	D	butternut	butternut canker	
<i>Sirococcus conigenus</i> (DC.) P.F. Cannon & Minter	D	pinus, blue spruce	shoot blight	
<i>Sirodothis populnea</i> (Thüm.) B. Sutton & A. Funk	D	poplars	poplar Tympanis	<i>Tympanis spermatiospora</i> (Nyl.) Nyl.
<i>Sparassis crispa</i> (Wulfen:Fr.) Fr.	B	oaks and pines	cauliflower mushroom	
<i>Sphaerognomonia carpinea</i> (Fr.:Fr.) Potebnia	A	blue beech	leaf spot	
<i>Sphaeronaema acerinum</i> Peck	D	maples	maple canker	<i>Dermea acerina</i> (Peck) Rehm
<i>Sphaeropsis sapinea</i> (Fr.) Dyko & B. Sutton	D	pinus, usually Scots & Austrian	Diplodia tip blight	
<i>Sphaeropsis ulmicola</i> Ellis & Everh.	D	elms	elm canker	
<i>Spilocaea pomi</i> Fr.:Fr.	D	apples, hawthorns, mountain-ash	apple scab	<i>Venturia inaequalis</i> (Cooke) G. Winter
<i>Spiniger meineckellus</i> (A.J. Olson) Stalpers	D	conifers, maples, chesnut, elms	Fomes root rot	<i>Heterobasidion annosum</i> (Fr.:Fr.) Bref.
<i>Splanchnonema pupula</i> (Fr.:Fr.) Kuntze	A	maples	branch canker	<i>Stegosporium pyriforme</i> (Hoffm.:Fr.) Corda
<i>Spongipellis unicolor</i> (Schwein.) Murrill	B	oaks mainly	creamy bracket heart rot	
<i>Sporotrichum versisporum</i> (Lloyd) Stalpers	D	oak, hardwoods	sulphur shelf	<i>Laetiporus sulphureus</i> (Bull.:Fr.) Murrill
<i>Stegosporium acerinum</i> Peck	D	maples	branch canker	
<i>Stegosporium pyriforme</i> (Hoffm.:Fr.) Corda	D	maples	branch canker	<i>Splanchnonema pupula</i> (Fr.:Fr.) Kuntze
<i>Stegophora ulmea</i> (Schwein.:Fr.) Syd. & P. Syd.	A	elms	leaf spot	<i>Asteroma ulmeum</i> (Miles) B. Sutton

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Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Stereum hirsutum</i> (Willd.:Fr.) Gray	B	hardwoods mainly	hairy parchment	
<i>Stereum sanguinolentum</i> (Alb. & Schwein.:Fr.) Fr.	B	conifers	bleeding Stereum	
<i>Stigmina juniperina</i> (Georgescu & Badea) M.B. Ellis	D	junipers	needle cast	
<i>Sydowia polyspora</i> (Bref. & Tavel) E. Müll.	A	conifers	needle blight	<i>Sclerophoma pythiophila</i> (Corda) Höhn.
<i>Taphrina caerulescens</i> (Desm. & Mont.) Tul.	A	most oaks, not white oaks	oak leaf blister	
<i>Taphrina communis</i> (Sadeb.) Giesenh.	A	cherries and plums	plum pockets	
<i>Taphrina dearnessii</i> Jenkins	A	maples	black leaf blister	
<i>Taphrina deformans</i> (Berk.) Tul.	A	peach	peach leaf curl	
<i>Taphrina flava</i> Farl.	A	birches	yellow leaf blister	
<i>Taphrina pruni</i> Tul.	A	plums	bladder plum	
<i>Taphrina robinsoniana</i> Giesenh.	A	alders	catkin tongue	
<i>Taphrina wiesneri</i> (Ráthay) Mix	A	cherries curl of cherry	witches'-broom and leaf	
<i>Thanatephorus cucumeris</i> (A.B. Frank) Donk	B	cosmopolitan	damping-off	<i>Rhizoctonia solani</i> J.G. Kühn
<i>Thelephora terrestris</i> Ehrh.:Fr.	B	conifers and hardwoods	smothering fungus	
<i>Therrya fuckelii</i> (Rehm) Kujala	A	pinus	Therrya canker	
<i>Thyronectria balsamea</i> (Cooke & Peck) Seeler	A	balsam fir	balsam canker	<i>Gyrostroma</i> sp.
<i>Trametes cervina</i> (Schwein.) Bres.	B	hardwoods	tawny toothed Trametes	
<i>Trametes conchifer</i> (Schwein.:Fr.) Pilát	B	elm (branches)	little nest polypore	
<i>Trametes hirsuta</i> (Wulfen:Fr.) Quéf.	B	conifers & hardwoods	hairy conk	
<i>Trametes pubescens</i> (Schumach.:Fr.) Pilát	B	hardwoods	downy-top Trametes	
<i>Trametes versicolor</i> (L.:Fr.) Pilát	B	conifers & hardwoods	rainbow conk	
<i>Trichaptum abietinum</i> (Dicks.:Fr.) Ryvarden	B	conifers	purple-toothed polypore	
<i>Trichaptum bififormis</i> (Fr.) Ryvarden	B	hardwoods	violet-toothed polypore	
<i>Trichoderma viride</i> Pers.:Fr.	D	cosmopolitan	Trichoderma	

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Tryblidiopsis pinastri</i> (Pers.:Fr.) P. Karst.	A	conifers	Tympanis canker	<i>Tryblidiopycnis pinastri</i> Höhn.
<i>Tryblidiopycnis pinastri</i> Höhn.	D	conifers	Tympanis canker	<i>Tryblidiopsis pinastri</i> (Pers.:Fr.) P. Karst.
<i>Tubakia dryina</i> (Sacc.) B. Sutton	D	hardwoods, mainly oaks	leaf spot	
<i>Tubercularia ulmea</i> J.C. Carter	D	elms	elm canker	
<i>Tubercularia vulgaris</i> Tode:Fr.	D	hardwoods	coral spot	<i>Nectria cinnabarina</i> (Tode:Fr.) Fr.
<i>Tympanis confusa</i> Nyl.	A	pinus	pine Tympanis	
<i>Tympanis hypopodia</i> Nyl.	A	conifers	Tympanis canker	
<i>Tympanis spermiospora</i> (Nyl.) Nyl.	A	poplars	poplar Tympanis	<i>Sirodothis populnea</i> (Thüm.) B. Sutton & A. Funk
<i>Tympanis truncatula</i> (Pers.:Fr.) Rehm	A	hardwoods and conifers	Tympanis canker	
<i>Uncinula adunca</i> (Wallr.:Fr.) Lév.	A	poplars, willows	powdery mildew	
<i>Uncinula circinata</i> Cooke & Peck	A	maples	powdery mildew	
<i>Uncinuliella flexuosa</i> (Peck) U. Braun	A	horse-chestnut	powdery mildew	
<i>Ustulina deusta</i> (Hoffm.:Fr.) Lind	A	hardwoods	carbon cushion	
<i>Valsa abietis</i> (Fr.:Fr.) Fr.	A	conifers	branch canker	<i>Cytospora abietis</i> Sacc.
<i>Valsa ambiens</i> (Pers.:Fr.) Fr.	A	hardwoods	white-tendrill Cytospora	<i>Cytospora leucosperma</i> (Pers.:Fr.) Fr.
<i>Valsa ambiens</i> (Pers.:Fr.) Fr. subs. <i>leucostomoides</i> (Peck) Spielman	A	hardwoods	Cytospora canker	<i>Cytospora annulata</i> Ellis & Everh.
<i>Valsa cypri</i> (Tul.) Tul. & C. Tul.	A	white ash	Cytospora canker	<i>Cytospora pruinosa</i> (Fr.:Fr.) Sacc.
<i>Valsa friesii</i> (Duby) Fuckel	A	balsam fir	fir needle blight	<i>Cytospora pinastri</i> Fr.:Fr.
<i>Valsa pini</i> (Alb. & Schwein.) Fr.	A	eastern white pine	Cytospora canker	<i>Cytospora pini</i> Desm.
<i>Valsa sordida</i> Nitschke	A	poplars, willows	golden-tendrill Cytospora	<i>Cytospora chrysosperma</i> (Pers.:Fr.) Fr.
<i>Venturia acerina</i> Plakidas ex M.E. Barr	A	sugar maple, red maple	leaf spot	<i>Cladosporium humile</i> Davis
<i>Venturia inaequalis</i> (Cooke) G. Winter	A	apples, hawthorns, mountain-ash	apple scab	<i>Spilocaea pomi</i> Fr.:Fr.
<i>Venturia macularis</i> (Fr.:Fr.) E. Müll. & Arx	A	trembling aspen	shoot blight	<i>Pollaccia radiosa</i> (Lib.) E. Bald. & Cif.

(cont'd)

Scientific name and author(s)	Sub-division	Hosts	Common Name	Teleomorph/Anamorph (if applicable)
<i>Venturia populina</i> (Vuill.) Fabric.	A	balsam poplar	shoot blight	<i>Pollaccia elegans</i> Servazzi
<i>Venturia saliciperda</i> J. Nüesch	A	willows	willow scab	<i>Pollaccia saliciperda</i> (Allesch. & Tubeuf) Arx
<i>Verticillium albo-atrum</i> Reinke & Berthold	D	hardwoods	Verticillium wilt	
<i>Verticillium dahliae</i> Kleb.	D	hardwoods	Verticillium wilt	
<i>Winterella betulae</i> (Tul. & C. Tul.) Kuntze	A	birches	branch canker	
<i>Xylaria polymorpha</i> (Pers.:Fr.) Grev.	A	hardwoods	dead man's fingers	
<i>Zythia aurantiaca</i> (Peck) Sacc.	D	dogwoods	dogwood canker	
<i>Zythia resinae</i> (Fr.:Fr.) P. Karst.	D	white spruce	resin cup	<i>Sarea resinae</i> (Fr.:Fr.) Kuntze
<i>Zythiostroma pinastri</i> (P. Karst.) Höhn.	D	pinus, balsam fir	cucurbitula canker	<i>Scoleconectria cucurbitula</i> (Tode:Fr.) C. Booth

2. INDEX OF COMMON SYNONYMS OF RECOMMENDED NAMES

Actinopelte dryina (Sacc.) Höhn.
Tubakia dryina (Sacc.) B. Sutton
Adelopus gaeumannii T. Rohde
Phaeocryptopus gaeumannii (T. Rohde) Petr.
Armillaria bulbosa (Barla) Kile & Watling
Armillaria gallica H. Marxm. & Romagn.
Armillaria obscura (Pers.) Herink
Armillaria ostoyae (Romagn.) Herink
Ascocalyx abietina (Lagerb.) Schläpf.-Bernh.
Gremmeniella abietina (Lagerb.) M. Morelet
Ascocalyx laricina (Ettl.) Schläpf.-Bernh.
Gremmeniella laricina (Ettl.) Petrini et al.
Ascochyta padi Lib.
Phloeospora padi (Lib.) Arx
Ascochyta piniperda Lindau
Sirococcus conigenus (DC.) P.F. Cannon & Minter
Asterostromella fraxini (Berk. & M.A. Curtis) Petr.
Piggotia fraxini Berk. & M.A. Curtis
Biatorrella resinae (Fr.:Fr.) Th. Fr.
Sarea resinae (Fr.:Fr.) Kuntze
Bifusella crepidiformis Darker
Isthmiella crepidiformis (Darker) Darker
Bifusella faullii Darker
Isthmiella faullii (Darker) Darker
Botryodiplodia ulmicola (Ellis & Everh.) Buisman
Sphaeropsis ulmicola Ellis & Everh.
Bursaphelenchus lignicolus Mamiya & Kiyohara
Bursaphelenchus xylophilus (Steiner & Buhrer) Nickle
Cenangium acuum Cooke & Peck
Cenangium acicola (Fuckel) Rehm
Cenangium balsameum Peck
Dermea balsamea (Peck) Seaver
Ceratocystis ulmi (Buisman) C. Moreau
Ophiostoma ulmi (Buisman) Nannf.
Cercospora juniperina Georgescu & Badea
Stigmata juniperina (Georgescu & Badea) M.B. Ellis
Ciborinia bifrons Whetzel
Ciborinia whetzeli (Seaver) Seaver
Cladosporium subsessile Ellis & Barthol.
Phaeoramularia maculicola (Romell & Sacc.) B. Sutton
Clavaria crispa Wulfen
Sparassis crispa (Wulfen:Fr.) Fr.
Coccomyces hiemalis B.B. Higgins
Blumeriella jaapii (Rehm) Arx

Coleosporium solidaginis Thüm. nom. illeg.
Coleosporium asterum (Dietel) Syd. & P. Syd.
Corticium galactinum (Fr.) Burt
Scytinostroma galactinum (Fr.) Donk
Coryne sarcoides (Jacq.) Tul. & C. Tul.
Ascocoryne sarcoides (Jacq.: Fr.) J.W. Groves & D.E. Wilson
Cristulariella pyramidalis Waterman & R.P. Marshall
Cristulariella moricola (I. Hino) Redhead
Crumenula laricina Ettl.
Gremmeniella laricina (Ettl.) Petrini et al.
Cryptodiaporthe salicina (Curr.) Wehm.
Cryptodiaporthe salicella (Fr.:Fr.) Petr.
Cryptospora betulae Tul. & C. Tul.
Winterella betulae (Tul. & C. Tul.) Kuntze
Cylindrocladium floridanum Sobers & C.P. Seym.
Cylindrocladium scoparium Morgan
Cylindrosporella caryae (Ell. & Ev.) Petr.
Asteroma caryae (Peck) B. Sutton
Cylindrosporella ulmea (Miles) Arx
Asteroma ulmeum (Miles) B. Sutton
Cytophoma pruinosa (Fr.:Fr.) Höhnelt
Cytospora pruinosa (Fr.:Fr.) Sacc.
Cytospora ambiens Sacc.
Cytospora leucosperma (Pers.:Fr.) Fr.
Cytospora dubyi Sacc.
Cytospora pinastri Fr.:Fr.
Cytospora negundinis Ellis & Everh.
Cytospora annulata Ellis & Everh.
Daedalea confragosa (Bolton:Fr.) Fr.
Daedaleopsis confragosa (Bolton:Fr.) J. Schröt.
Daedalea unicolor (Bull.:Fr.) Fr.
Cerrena unicolor (Bull.:Fr.) Murrill
Dasyscyphus agassizii (Berk. & M.A. Curtis) Sacc.
Lachnellula agassizii (Berk. & M.A. Curtis) Dennis
Dasyscyphus occidentalis G.G. Hahn & Ayers
Lachnellula occidentalis (G.G. Hahn & Ayers) Dharne
Dasyscyphus willkommii (R. Hartig) Rehm
Lachnellula willkommii (R. Hartig) Dennis
Diaporthe juglandis Ellis & Everh.
Melanconis juglandis (Ellis & Everh.) A.H. Graves
Dibotryon morbosum (Schwein.:Fr.) Theiss. & Syd.
Apiosporina morbosa (Schwein.:Fr.) Arx
Dichaena quercina (Pers.) Sacc.
Polymorphum quercinum (Pers.) Chevall.

Dichaena rugosum (L.:Fr.) Fr.
Ascodichaena rugosa Butin

Didymascella tsugae (Farl.) Maire
Fabrella tsugae (Farl.) Kirschst.

Didymosphaeria populina Vuill.
Venturia populina (Vuill.) Fabric.

Dimerosporium collinsii (Schwein.) Thüm.
Apiosporina collinsii (Schwein.) Höhn.

Diplodia pinea (Desm.) J. Kickx f.
Sphaeropsis sapinea (Fr.:Fr.) Dyko & B. Sutton

Discella carbonacea (Fr.) Berk. & Broome
Diplodina microsperma (Johnst.) B. Sutton

Discella salicis (Westend.) Boerema
Diplodina microsperma (Johnst.) B. Sutton

Dothichiza populea Sacc. & Briard
Discosporium populeum (Sacc.) B. Sutton

Dothichiza pythiophila (Corda) Petr.
Sclerophoma pythiophila (Corda) Höhn.

Dothidea betulina Fr.:Fr.
Atopospora betulina (Fr.:Fr.) Petr.

Dothiorella gallae Starbäck
Botryodiplodia gallae (Schwein.) Petr. & Syd.

Dothistroma pini Hulbary
Dothistroma septospora (Dorogin) M. Morelet

Encoeliopsis laricina (Ettl.) J.W. Groves
Gremmeniella laricina (Ettl.) Petrini et al.

Endothia parasitica (Murrill) P.J. Anderson & H.W. Anderson
Cryphonectria parasitica (Murrill) M.E. Barr

Erysiphe penicillata (Wallr.:Fr.) Fr.
Microsphaera penicillata (Wallr.:Fr.) Lév.

Eutypa quaternata (Pers.:Fr.) L.C. Tiffany & J.C. Gilman
Eutypella quaternata (Pers.:Fr.) Rappaz

Fabraea maculatum G.F. Atk.
Diplocarpon mespili (Sorauer) B. Sutton

Fomes annosus (Fr.:Fr.) Cooke
Heterobasidion annosum (Fr.:Fr.) Bref.

Fomes applanatus (Pers.) Gillet
Ganoderma applanatum (Pers.) Pat.

Fomes connatus (Weinm.) Gillet
Oxyporus populinus (Schumach.:Fr.) Donk

Fomes everhartii (Ellis & Galloway) H. Schrenk & Spauld.
Phellinus everhartii (Ellis & Galloway) A. Ames

Fomes fraxinophilus (Peck) Sacc.
Perenniporia fraxinophila (Peck) Ryvarden

- Fomes igniarius* (L.:Fr.) J. Kickx f.
Phellinus igniarius (L.:Fr.) Quél.
- Fomes igniarius* (L.:Fr.) J. Kickx f. f. *tremulae* Bondartsev
Phellinus tremulae (Bondartsev) Bondartsev & Borissov
- Fomes pini* (Brot.:Fr.) P. Karst.
Phellinus pini (Brot.:Fr.) A. Ames
- Fomes pinicola* (Swartz:Fr.) Cooke
Fomitopsis pinicola (Swartz:Fr.) P. Karst.
- Fomes robustus* P. Karst.
Phellinus robustus (P. Karst.) Bourd. & Galz.
- Fomes roseus* (Alb. & Schwein.:Fr.) Cooke
Fomitopsis rosea (Alb. & Schwein.:Fr.) P. Karst.
- Fomes subroseus* (Weir) Overh.
Fomitopsis cajanderi (P. Karst.) Kotl. & Pouzar
- Fusarium granulorum* Ellis & Everh.
Fusarium avenaceum (Fr.:Fr.) Sacc.
- Fusarium roseum* Link f. *cerealis* (Cooke) W.C. Snyder & E.M. Hansen
Fusarium avenaceum (Fr.:Fr.) Sacc.
- Fusicladium dendriticum* (Wallr.) Fuckel
Spilocaea pomi Fr.:Fr.
- Fusicladium radiosum* (Lib.) Lind
Pollaccia radiosa (Lib.) E. Bald. & Cif.
- Fusicladium radiosum* (Lib.) Lind var. *balsamiferae* Davis
Pollaccia elegans Servazzi
- Fusicladium saliciperda* (Allesch. & Tubeuf) Tubeuf
Pollaccia saliciperda (Allesch. & Tubeuf) Arx
- Ganoderma curtisii* (Berk.) Murrill
Ganoderma lucidum (Curtis:Fr.) P. Karst.
- Gelatinosporium abietinum* Peck
Foveostroma abietinum (Peck) DiCosmo
- Gloeosporium acerinum* Pass.
Diplodina acerina (Pass.) B. Sutton
- Gloeosporium apocryptum* Ellis & Everh.
Aureobasidium apocryptum (Ellis & Everh.) Herm.-Nijh.
- Gloeosporium aridum* Ell. & Holw.
Discula fraxinea (Peck) Redlin & Stack
- Gloeosporium betulinum* Westend.
Discula betulina (Westend.) Arx
- Gloeosporium boreale* Ellis & Everh.
Kabatiella borealis (Ellis & Everh.) Arx
- Gloeosporium castagnei* Desm. & Mont.
Marssonina castagnei (Desm. & Mont.) Magnus
- Gloeosporium martinii* (Sacc. & Ellis) Ellis & Everh.
Marssonina martinii (Sacc. & Ellis) Magnus

Gloeosporium populi (Lib.) Mont. & Desm.
Marssonina populi (Lib.) Magnus
Gloeosporium robergei Desm.
Monostichella robergei (Desm.) Höhn.
Gloeosporium salicis Westend.
Monostichella salicis (Westend.) Arx
Glomerella miyabeana (Fukushi) Arx
Glomerella cingulata (Stoneman) Spauld. & H. Schrenk
Gnomonia errabunda (Roberge) Auersw.
Apiognomonium errabunda (Roberge) Höhn.
Gnomonia quercina Kleb.
Apiognomonium errabunda (Roberge) Höhn.
Gnomonia platani Kleb.
Apiognomonium veneta (Sacc. & Speg.) Höhn.
Gnomonia tiliae Kleb.
Apiognomonium tiliae (Rehm) Höhn.
Gnomonia ulmea (Schwein.:Fr.) E. Müll.
Stegophora ulmea (Schwein.:Fr.) Syd. & P. Syd.
Gnomonia veneta (Sacc. & Speg.) Kleb.
Apiognomonium veneta (Sacc. & Speg.) Höhn.
Godronia fraxini (Schwein.:Fr.) Höhn.
Durandiella fraxini (Schwein.:Fr.) Seaver
Haematostereum sanguinolentum (Alb. & Schwein.:Fr.) Pouzar
Stereum sanguinolentum (Alb. & Schwein.:Fr.) Fr.
Herpotrichia nigra R. Hartig
Herpotrichia juniperi (Duby) Petr.
Hypoderma deformans Weir
Elytroderma deformans (Weir) Darker
Hypoderma desmazieresii Duby
Meloderma desmazieresii (Duby) Darker
Hypodermella ampla (Davis) Dearn.
Davisomycella ampla (Davis) Darker
Hypodermella concolor (Dearn.) Darker
Lophodermella concolor (Dearn.) Darker
Hypodermella mirabilis Darker
Lirula mirabilis (Darker) Darker
Hypodermella montivaga (Petr.) Darker
Lophodermella montivaga Petr.
Hypodermella nervata Darker
Lirula nervata (Darker) Darker
Hypodermella punctata Darker
Lirula punctata (Darker) Darker
Hypoxylon concentricum (Bolton:Fr.) Grev.
Daldinia concentrica (Bolton:Fr.) Ces. & De Not.

Hypoxyton deustum (Hoffm.:Fr.) Grev.
Ustulina deusta (Hoffm.:Fr.) Lind

Hypoxyton pruinaum (Klotzsch) Cooke
Hypoxyton mammatum (Wahlenb.) P. Karst.

Irpex tulipiferae (Schwein.) Schwein.
Irpex lacteus (Fr.:Fr.) Fr.

Kabatiella apocrypta (Ellis & Everh.) Arx
Aureobasidium apocryptum (Ellis & Everh.) Herm.-Nijh.

Keithia thujina E.J. Durand
Didymascella thujina (E.J. Durand) Maire

Lenzites sepiaria (Wulfen:Fr.) Fr.
Gloeophyllum sepiarium (Wulfen:Fr.) P. Karst.

Lenzites trabea (Pers.:Fr.) Fr.
Gloeophyllum trabeum (Pers.:Fr.) Murrill

Leucocytospora kunzei (Sacc.) Z. Urb.
Cytospora kunzei Sacc.

Lophium mytilinellum Fr.
Mytilinidion mytilinellum (Fr.) H. Zogg

Lophodermium juniperi (Grev.) Darker
Lophodermium juniperinum (Fr.) De Not.

Lophodermium lineare (Peck) Ellis & Everh.
Bifusella linearis (Peck) Höhn.

Macrophoma tumefaciens Shear
Diplodia tumefaciens (Shear) Zalasky

Macrosporium catalpae Ellis & G. Martin
Alternaria catalpae (Ellis & G. Martin) Joly

Marssonina brunnea (Ellis & Everh.) Magnus
Marssonina tremulae (Lib.) Kleb.

Marssonina fraxini (Ellis & Davis) Davis
Piggotia fraxini Berk. & M.A. Curtis

Marssonina juglandis (Lib.) Sacc.
Marssonina juglandis (Lib.) Magnus

Marssonina rhabdospora (Ellis & Everh.) Magnus
Cylindrosporium populinum (Peck) Vassiljevsky

Melampsora albertensis Arthur
Melampsora medusae Thüm.

Melampsora betulina G. Winter
Melampsoridium betulinum Kleb.

Melampsora bigelowii Thüm.
Melampsora paradoxa Dietel & Holw.

Melanconis nigrospora (Peck) Wehm.
Chapeckia nigrospora (Peck) M.E. Barr

Merulius himantoides Fr.:Fr.
Serpula himantoides (Fr.:Fr.) P. Karst.

Merulius lacrimans (Wulfen:Fr.) Fr.
Serpula lacrimans (Wulfen:Fr.) J. Schröt.

Micropera abietina (Peck) Höhn.
Foveostroma abietinum (Peck) DiCosmo

Microstoma boreale (Ellis & Everh.) Cooke
Kabatiella borealis (Ellis & Everh.) Arx

Mycosphaerella macularis (Fr.:Fr.) J. Schröt.
Venturia macularis (Fr.:Fr.) E. Müll. & Arx

Naemacyclus minor Butin
Cyclaneusma minus (Butin) DiCosmo, Peredo & Minter

Naemacyclus niveus (Pers.:Fr.) Sacc.
Cyclaneusma niveum (Pers.:Fr.) DiCosmo, Peredo & Minter

Nectria balsamea Cooke & Peck
Thyronectria balsamea (Cooke & Peck) Seeler

Odontia bicolor (Alb. & Schwein.:Fr.) Quél.
Resinicium bicolor (Alb. & Schwein.:Fr.) Parmasto

Oedocephalum lineatum B.K. Bakshi
Spiniger meineckellus (A.J. Olson) Stalpers

Peniophora gigantea Masee
Phanerochaete gigantea (Fr.:Fr.) S.S. Rattan et al.

Perenospora viticola (Berk. & M.A. Curtis) de Bary
Plasmopora viticola (Berk. & M.A. Curtis) Berl. & De Toni

Phacidium abietinellum Dearn.
Nothophacidium abietinellum (Dearn.) J. Reid & Cain

Phacidium balsameae Davis
Sarcotrochila balsameae (Davis) Korf

Phacidium expansum Davis
Sarcotrochila piniperda (Rehm) Korf

Phacidium infestans P. Karst. var. *abietis* Dearn.
Phacidium abietis (Dearn.) Reid & Cain

Phloeospora aceris (Lib.) Sacc.
Septoria aceris (Lib.) Berk. & Broome

Phoma acicola (Lév.) Sacc.
Sclerophoma pythiophila (Corda) Höhn.

Phoma conidiogena Schnegg
Phoma glomerata (Corda) Wollenw. & Hochapfel

Phomopsis elaeagni (J.C. Carter & Sacamano) R.H. Arnold & J.C. Carter
Phomopsis arnoldiae B. Sutton

Phyllosticta caryae Peck
Asteroma caryae (Peck) B. Sutton

Phyllosticta paviae Desm.
Phyllosticta sphaeropsoidea Ellis & Everh.

Physalospora obtusa (Schwein.) Cooke
Botryosphaeria obtusa (Schwein.) Shoemaker

- Physalospora malorum* Shear, N.E. Stevens & M.S. Wilcox
Botryosphaeria stevensii Shoemaker
- Phytophthora parasitica* Dastur
Phytophthora nicotianae Breda de Haan var. *parasitica* (Dastur) G.M. Waterh.
- Pleurotus sapidus* Kalchbr.
Pleurotus ostreatus (Jacq.:Fr.) P. Kumm.
- Podosphaera oxyacanthae* (DC.) de Bary
Podosphaera cldestina (Wallr.:Fr.) Lév.
- Polychaeton salicinum* (Mont.) Kuntze
Capnodium salicinum Mont.
- Polyporus abietinus* (Dickson:Fr.) Fr.
Trichaptum abietinum (Dickson:Fr.) Ryvarden
- Polyporus adustus* (Willd.:Fr.) Fr.
Bjerkandera adusta (Willd.:Fr.) P. Karst.
- Polyporus balsameus* Peck
Postia balsamea (Peck) Jülich
- Polyporus betulinus* (Bull.:Fr.) Fr.
Piptoporus betulinus (Bull.:Fr.) P. Karst.
- Polyporus bififormis* Fr.
Trichaptum bififormis (Fr.) Ryvarden
- Polyporus borealis* Fr.:Fr.
Climacocystis borealis (Fr.:Fr.) Kotl. & Pouzar
- Polyporus cervinus* (Schwein.) Steud.
Trametes cervina (Schwein.) Bres.
- Polyporus cinnabarinus* Jacq.:Fr.
Pycnoporus cinnabarinus (Jacq.:Fr.) P. Karst.
- Polyporus circinatus* (Fr.) Fr.
Inonotus circinatus (Fr.) Gilb.
- Polyporus conchifer* (Schwein.:Fr.) Fr.
Trametes conchifer (Schwein.:Fr.) Pilát
- Polyporus dichrous* Fr.:Fr.
Gloeoporus dichrous (Fr.:Fr.) Bres.
- Polyporus dryophilus* Berk.
Inonotus dryophilus (Berk.) Murrill
- Polyporus dualis* Peck
Inonotus circinatus (Fr.) Gilb.
- Polyporus fumosus* Pers.:Fr.
Bjerkandera fumosus (Pers.:Fr.) P. Karst.
- Polyporus glomeratus* Peck
Inonotus glomeratus (Peck) Murrill
- Polyporus hirsutus* (Wulfen:Fr.) Fr.
Trametes hirsuta (Wulfen:Fr.) Quél.
- Polyporus obliquus* (Pers.:Fr.) Fr.
Inonotus obliquus (Pers.:Fr.) Pilát

- Polyporus pubescens* (Schumach.:Fr.) Quél.
Trametes pubescens (Schumach.:Fr.) Pilát
- Polyporus resinosus* (Schrader:Fr.) Fr.
Ischnoderma resinosum (Schrad.:Fr.) P. Karst.
- Polyporus schweinitzii* Fr.:Fr.
Phaeolus schweinitzii (Fr.:Fr.) Pat.
- Polyporus sulphureus* (Bull.:Fr.) Fr.
Laetiporus sulphureus (Bull.:Fr.) Murrill
- Polyporus tomentosus* Fr.:Fr.
Inonotus tomentosus (Fr.:Fr.) Teng
- Polyporus tsugae* (Murrill) Overh.
Ganoderma tsugae Murrill
- Polyporus tulipiferae* (Schwein.) Overh.
Irpex lacteus (Fr.:Fr.) Fr.
- Polyporus versicolor* (L.:Fr.) Fr.
Trametes versicolor (L.:Fr.) Pilát
- Polyporus volvatus* Peck
Cryptoporus volvatus (Peck) Shear
- Polystictus pargamenus* (Fr.) Fr.
Trichaptum biformis (Fr.) Ryvarden
- Poria incrassata* (Berk. & M.A. Curtis) Burt
Meruliporia incrassata (Berk. & M.A. Curtis) Murrill
- Poria subacida* (Peck) Sacc.
Perenniporia subacida (Peck) Donk
- Potebniomyces balsamicola* Smerlis
Phacidium balsamicola (Smerlis) DiCosmo, Nag Raj & W.B. Kendr.
- Potebniomyces coniferarum* (G.G. Hahn) Smerlis
Phacidium coniferarum (G.G. Hahn) DiCosmo, Nag Raj & W.B. Kendr.
- Pucciniastrum arcticum* Tranzschel var. *americanum* Farl.
Pucciniastrum americanum (Farl.) Arthur
- Pullularia pullulans* (de Bary) Berkhout
Aureobasidium pullulans (de Bary) G. Arnaud
- Rehmiellopsis balsameae* Waterman
Delphinella balsameae (Waterman) E. Müll.
- Rhizina inflata* (Schaeff.) P. Karst.
Rhizina undulata Fr.:Fr.
- Rhizosphaera abietis* L. Mangin & Har.
Rhizosphaera pini (Corda) Maubl.
- Scirrha acicola* (Dearn.) Sigg.
Mycosphaerella dearnessii M.E. Barr
- Scirrha pini* A. Funk & A.K. Parker
Mycosphaerella pini Rostr.
- Scleroderris lagerbergii* Gremmen
Gremmeniella abietina (Lagerb.) M. Morelet

Scleroderris laricina (Ettl.) Gremmen
Gremmeniella laricina (Ettl.) Petrini et al.
Sclerophoma pini (Desm.) Höhn.
Rhizosphaera kalkhoffii Bubák
Sclerotinia fructicola (G. Winter) Rehm
Monilia fructicola (G. Winter) Honey
Sclerotinia fuckeliana (de Bary) Fuckel
Botryotinia fuckeliana (de Bary) Whetzel
Septoria betulicola Peck
Septoria betulae Pass.
Septoria microsperma Peck
Asteroma microspermum (Peck) B. Sutton
Septoria salicina Peck
Cylindrosporium salicinum (Peck) Dearn.
Serpula incrassata (Berk. & M.A. Curtis) Donk
Meruliporia incrassata (Berk. & M.A. Curtis) Murrill
Sirococcus strobilinus Preuss
Sirococcus conigenus (DC.) P.F. Cannon & Minter
Sparassis radicata Weir
Sparassis crispa (Wulfen:Fr.) Fr.
Sphaeropsis clintonii Peck
Aplosporella clintonii (Peck) Petr. & Syd.
Sphaeropsis gallae Berk. & M.A. Curtis
Botryodiplodia gallae (Schwein.) Petrak & Syd.
Steccherinum septentrionale (Fr.:Fr.) Banker
Climacodon septentrionalis (Fr.:Fr.) P. Karst.
Stegonosporium acerinum Peck
Stegonosporium acerinum Peck
Stegonosporium ovatum (Pers.) S. Hughes
Stegonosporium pyriforme (Hoffm.:Fr.) Corda
Stereum chailletii (Pers.:Fr.) Fr.
Amylostereum chailletii (Pers.:Fr.) Boidin
Stereum complicatum (Fr.:Fr.) Fr.
Stereum hirsutum (Willd.:Fr.) Gray
Stereum purpureum Pers.:Fr.
Chondrostereum purpureum (Pers.:Fr.) Pouzar
Taphrina cerasi (Fuckel) Sadeb.
Taphrina wiesneri (Ráthay) Mix
Trametes pargamenus (Fr.) Kotl. & Pouzar
Trichaptum biformis (Fr.) Ryvarden
Trichoderma lignorum Tode
Trichoderma viride Pers.:Fr.
Trichoscyphella willkommii (R. Hartig) Nannf.
Lachnellula willkommii (R. Hartig) Dennis

Tympanis acericola J.W. Groves
Tympanis truncatula (Pers.:Fr.) Rehm
Tympanis acerina Peck
Dermea acerina (Peck) Rehm
Tympanis pinastri (Pers.:Fr.) Tul. & C. Tul.
Tryblidiopsis pinastri (Pers.:Fr.) P. Karst.
Tyromyces unicolor (Schwein.) J. Lowe
Spongipellis unicolor (Schwein.) Murrill
Uncinula flexuosa Peck
Uncinuliella flexuosa (Peck) U. Braun
Uncinula salicis (DC.) G. Winter
Uncinula adunca (Wallr.:Fr.) Lév.
Ustulina vulgaris Tul. & C. Tul.
Ustulina deusta (Hoffm.:Fr.) Lind
Valsa cincta (Fr.:Fr.) Fr.
Leucostoma cincta (Fr.:Fr.) Höhn.
Valsa fraxinina Peck
Valsa cypri (Tul.) Tul. & C. Tul.
Valsa juniperina Cooke
Valsa friesii (Duby) Fuckel
Valsa kunzei (Fr.:Fr.) Fr.
Leucostoma kunzei (Fr.:Fr.) Munk
Valsa leucostoma (Pers.:Fr.) Fr.
Leucostoma persoonii Höhn.
Valsa leucostomoides Peck
Valsa ambiens (Pers.:Fr.) Fr. subsp. *leucostomoides* (Peck) Spielman
Valsa nivea (Hoffm.:Fr.) Fr.
Leucostoma nivea (Hoffm.:Fr.) Höhn.
Valsa tomentella Peck
Winterella betulae (Tul. & C. Tul.) Kuntze
Venturia tremulae Aderh.
Venturia macularis (Fr.:Fr.) E. Müll. & Arx
Verticicladiella procera W.B. Kendr.
Leptographium procerum (W.B. Kendr.) M.J. Wingf.
Verticillium ovatum G.H. Berk. & A.B. Jacks.
Verticillium dahliae Kleb.

3. INDEX OF COMMON NAMES AND THEIR BINOMIALS

- American spruce-raspberry rust
Pucciniastrum americanum (Farl.) Arthur
- anise conk
Bjerkandera fumosa (Pers.:Fr.) P.Karst.
- anthracnose
 (ash)
Discula fraxinea (Peck) Redlin & Stack
Gnomoniella fraxini Redlin & Stack
 (basswood)
Apiognomonium tiliae (Rehm) Höhn.
 (birch)
Discula betulina (Westend.) Arx
 (hardwoods)
Apiognomonium errabunda (Roberge) Höhn.
Discula umbrinella (Berk. & Broome) M. Morelet
 (hickory)
Asteroma caryae (Peck) B. Sutton
Gnomonia caryae F.A. Wolf
 (maple)
Aureobasidium apocryptum (Ellis & Everh.) Herm.-Nijh.
Discula campestris (Pass.) Arx
 (poplar & willow)
Kabatiella borealis (Ellis & Everh.) Arx
 (sycamore)
Apiognomonium veneta (Sacc. & Speg.) Höhn.
Discula platani (Peck) Sacc.
- Apiosporina witches'-broom
Apiosporina collinsii (Schwein.) Höhn.
- apple scab
Spilocaea pomi Fr.:Fr.
Venturia inaequalis (Cooke) G. Winter
- arctic spruce-raspberry rust
Pucciniastrum arcticum Tranzschel
- Armillaria root rot
Armillaria calvescens Bérubé & Dessur
Armillaria gallica H. Marxm. & Romagn.
Armillaria ostoyae (Romagn.) Herink
Armillaria sinapina Bérubé & Dessur.
- artist's conk
Ganoderma applanatum (Pers.) Pat.
- ash dieback
Durandiella fraxini (Schwein.:Fr.) Seaver
- ash Fomes
Perenniporia fraxinophila (Peck) Ryvarden
- ash leaf rust
Puccinia sparganioides Ellis & Barthol.
- aspen root rot
Radulodon americanus Ryvarden

(cont'd)

- balsam canker
Thyronectria balsamea (Cooke & Peck) Seeler
- balsam conk
Postia balsamea (Peck) Jülich
- balsam fir canker
Aleurodiscus amorphus (Pers.:Fr.) J. Schröt.
- bark canker
Eutypella quaternata (Pers.:Fr.) Rappaz
Libertella faginea Desm.
- beech bark disease
Cylindrocarpon faginatatum C. Booth
Nectria coccinea (Pers.:Fr.) Fr. var. *faginata* M.H. Lohman, A.M.J. Watson & Ayers
- beech dieback
Hypoxylon cohaerens (Pers.:Fr.) Fr.
- bicolor canker of birch
Melanconis stilbostoma (Fr.:Fr.) Tul.
Melanconiumbicolor Nees.:Fr.
- Bifusella needle cast
Bifusella linearis (Peck) Höhn.
Hypodermium effusum Schwein.
- birch conk
Piptoporus betulinus (Bull.:Fr.) P. Karst.
- birch rust
Melampsorium betulinum Kleb.
- birch twig fungus
Asterosporium betulinum Peck
- black canker of willow
Colletotrichum gloeosporioides (Penz.) Penz. & Sacc.
Glomerella cingulata (Stoneman) Spauld. & H. Schrenk
- black knot
Apiosporina morbosa (Schwein.:Fr.) Arx
- black leaf blister
Taphrina dearnessii Jenkins
- black patch
Ascodichaena rugosa Butin
Polymorphum quercinum (Pers.) Chevall.
- black rib of willow
Ciborinia foliicola (E.K. Cash & R.W. Davidson) Whetzel
Ciborinia wisconsinensis L.R. Batra
- black root stain
Leptographium procerum (W.B. Kendr.) M.J. Wingf.
- black rot
Botryosphaeria stevensii Shoemaker
Diplodia mutila (Fr.:Fr.) Mont.
- blackened branch canker
Chapeckia nigrospora (Peck) M.E. Barr

(cont'd)

- bladder plum
Taphrina communis (Sadeb.) Giesenh.
Taphrina pruni Tul.
- bleeding Stereum
Stereum sanguinolentum (Alb. & Schwein.:Fr.) Fr.
- blue stain
Cordana pauciseptata Preuss
- blue-green stain
Chlorociboria aeruginascens (Nyl.) Kanouse ex C.S. Ramamurthi, Korf & L.R. Batra
- blue root stain
Leptographium terebrantis S.J. Barras & T.J. Perry
- borealis rotter
Climacocystis borealis (Fr.:Fr.) Kotl. & Pouzar
- branch canker
 (birch)
Asterosporium betulinum Peck
Chapeckia nigrospora (Peck) M.E. Barr
Winterella betulae (Tul. & C. Tul.) Kuntze
 (conifers)
Tryblidiopsis pinastri (Pers.:Fr.) P. Karst.
Tryblidiopycnis pinastri Höhn.
 (maple)
Aplosporella clintonii (Peck) Petr. & Syd.
Cryptodiaporthe acerinum J. Reid & Cain
Massaria inquinans (Tode:Fr.) De Not.
Splanchnonema pupula (Fr.:Fr.) Kuntze
Stegosporium acerinum Peck
Stegosporium pyriforme (Hoffm.:Fr.) Corda
 (mountain-ash)
Cytospora cincta Sacc.
Leucostoma cincta (Fr.:Fr.) Höhn.
- branch dieback
 (birch)
Melanconis stilbostoma (Fr.:Fr.) Tul.
Melanconium bicolor Nees:Fr.
 (butternut)
Melanconis juglandis (Ellis & Everh.) A.H. Graves
Melanconium oblongum Berk.
- brittle tar spot needle cast
Davisomycella fragilis Darker
- brown crumbly rot
Fomitopsis pinicola (Sw.:Fr.) P. Karst.
- brown cubical butt rot
Phaeolus schweinitzii (Fr.:Fr.) Pat.
- brown cubical rot
Coniophora puteana (Schumaker:Fr.) P. Karst.
Gloeophyllum sepiarium (Wulfen:Fr.) P. Karst.

(cont'd)

- brown cubical timber rotter
Daedalea quercina (L.:Fr.) Fr.
- brown fruit rot
Monilinia fructicola (G. Winter) Honey
- brown-spot needle blight
Lecanosticta acicola (Thüm.) Syd.
Mycosphaerella dearnessii M.E. Barr
- bull's eye leaf spot
Cristulariella moricola (I. Hino) Redhead
Grovesinia pyramidalis M.N. Cline, J.L. Crane & S.D. Cline
- butternut canker
Sirococcus clavignenti-juglandacearum V.M.G Nair, Kostichka & Kuntz
- Caliciopsis canker
Caliciopsis pinea Peck
- calico wood fungus
Daldinia concentrica (Bolton:Fr.) Ces. & De Not
- canker
Corniculariella spina (Berk. & Ravanel) DiCosmo
Durandiella fraxini (Schwein.:Fr.) Seaver
Zythia aurantiaca (Peck) Sacc.
- carbon ball
Daldinia concentrica (Bolton:Fr.) Ces. & De Not.
- carbon cushion
Ustulina deusta (Hoffm.:Fr.) Lind
- catkin blister
Taphrina robinsoniana Gieserh.
- catkin powdery mildew
Erysiphe aggregata (Peck) Farl.
- catkin tongue
Taphrina robinsoniana Giesenh.
- cauliflower mushroom
Sparassis crispa (Wulfen:Fr.) Fr.
- cedar-apple rust
Gymnosporangium juniperi-virginianae Schwein.
- charred Fomes
Phellinus everhartii (Ellis & Galloway) A. Ames
- chestnut blight
Cryphonectria parasitica (Murrill) M.E. Barr
- chocolate shelf
Gloeophyllum sepiarium (Wulfen:Fr.) P. Karst.
- cinnabar-red polypore
Pycnoporus cinnabarinus (Jacq.:Fr.) P. Karst.
- circinatus root rot
Inonotus circinatus (Fr.) Gilb.

(cont'd)

- clam shell
Mytilinidion mytilinellum (Fr.) H. Zogg
- clavariforme juniper rust
Gymnosporangium clavariiforme (Wulfen:Pers.) DC.
- clinker conk
Inonotus obliquus (Pers.:Fr.) Pilát
- clintonii branch canker
Aplosporella clintonii (Peck) Petr. & Syd.
- coal fungus
Ustulina deusta (Hoffm.:Fr.) Lind
- Coccomyces canker
Coccomyces strobi J. Reid & Cain
- comandra blister rust
Cronartium comandrae Peck
- common split-gill
Schizophyllum commune Fr.:Fr.
- conifer-aspen rust
Melampsora medusae Thüm.
- conifer occulta
Phomopsis occulta (Sacc.) Traverso
- conifer parchment
Phanerochaete gigantea (Fr.:Fr.) S.S. Rattan et al.
- coral spot
Nectria cinnabarina (Tode:Fr.) Fr.
Tubercularia vulgaris Tode:Fr.
- creamy-bracket heart rot
Spongipellis unicolor (Schwein.) Murrill
- crown gall
Agrobacterium tumefaciens (Smith & Townsend) Conn
- crusty butt rot
Scytinostroma galactinum (Fr.) Donk
- cucurbitula canker
Scolecconectria cucurbitula (Tode:Fr.) C. Booth
Zythiostroma pinastri (P. Karst.) Höhn.
- curry comb
Daedaleopsis confragosa (Bolton:Fr.) J. Schröt.
- Cylindrocladium root rot
Calonectria kyotensis Terash.
Cylindrocladium scoparium Morgan
- Cytospora canker
 (ash)
Cytospora pruinosa (Fr.:Fr.) Sacc.
Vasla cypri (Tul.) Tul. & C. Tul.
 (conifers)
Cytospora abietis Sacc.
Valsa abietis (Fr.:Fr.) Fr.

(cont'd)

- (eastern white pine)
Cytospora pini Desm.
Valsa pini (Alb. & Schwein.) Fr.
- (hardwoods)
Cytospora annulata Ellis & Everh.
Cytospora leucosperma (Pers.:Fr.) Fr.
Cytospora leucostoma Sacc.
Leucostoma persoonii (Nitschke) Höhn.
Valsa ambiens (Pers.:Fr.) Fr.
Valsa ambiens (Pers.:Fr.) Fr. subs. *leucostomoides* (Peck) Spielman
- (maples)
Cytospora annulata Ellis & Everh.
Valsa ambiens (Pers.:Fr.) Fr. subsp. *leucostomoides* (Peck) Spielman
- (mountain-ash & cherries)
Cytospora cincta Sacc.
Leucostoma cincta (Fr.:Fr.) Höhn.
- (pines)
Cytospora pini Desm.
- (poplars & willows)
Cytospora chrysosperma (Pers.:Fr.) Fr.
Cytospora nivea Sacc.
Leucostoma nivea (Hoffm.:Fr.) Höhn.
Valsa sordida Nitschke
- (spruce)
Cytospora kunzei Sacc.
Leucostoma kunzei (Fr.:Fr.) Munk
- (white ash)
Cytospora pruinosa (Fr.:Fr.) Sacc.
Valsa cypri (Tul.) Tul. & C. Tul.
- damping-off
Fusarium oxysporum Schltdl.:Fr. f. sp. *pini* (R. Hartig) W.C. Snyder & H.N. Hansen
Phytophthora nicotianae Breda de Haan var. *parastica* (Dastur) G.M. Waterh.
Pythium ultimum Trow
Rhizoctonia solani J.G. Kühn
Thanatephorus cucumeris (A.B. Frank) Donk
- dead-man's fingers
Xylaria polymorpha (Pers.:Fr.) Grev.
- Delphinella tip blight
Delphinella balsameae (Waterman) E. Müll.
- Dermea twig canker
Dermea acerina (Peck) Rehm
Dermea balsamea (Peck) Seaver
Fovestroma abietinum (Peck) DiCosmo
- Diplodia tip blight
Sphaeropsis sapinea (Fr.) Dyko & B. Sutton
- dirty branch canker
Massaria inquinans (Tode:Fr.) De Not.
- dogwood canker
Zythia aurantiaca (Peck) Sacc.

(cont'd)

- Dooks' needle blight
Lophophacidium dooksii Corlett & Shoemaker
- Dothichiza canker
Cryptodiaporthe populea (Sacc.) Butin
Discosporium populeum (Sacc.) B. Sutton
- downy mildew
Plasmopara ribicola J. Schröt. ex Davis
Plasmopara viburni Peck
Plasmopara viticola (Berk. & M.A. Curtis) Berl. & De Toni
- downy-top trametes
Trametes pubescens (Schumach.:Fr.) Pilát
- dry rotter
Serpula lacrimans (Wulfen:Fr.) J. Schröt.
- Dutch elm disease
Ophiostoma ulmi (Buisman) Nannf.
Pesotum ulmi (M.B. Schwarz) J.L. Crane & Schokn.
- dwarf mistletoe
Arceuthobium americanum Nutt. ex Engelm.
- eastern dwarf mistletoe
Arceuthobium pusillum Peck
- eastern gall rust
Cronartium quercuum (Berk.) Miyabe ex Shirai f. sp. *banksianae* Burds. & G. Snow
- elm canker
Sphaeropsis ulmicola Ellis & Everh.
Tubercularia ulmea J.C. Carter
- elm twig canker
Cytosporina ludibunda Sacc.
- European larch canker
Lachnellula willkommii (R. Hartig) Dennis
- Eutypella canker
Eutypella parasitica R.W. Davidson & R.C. Lorenz
- Fabraea leaf spot
Diplocarpon mespili (Sorauer) B. Sutton
Entomosporium mespili (DC.) Sacc.
- false tinder fungus
Phellinus igniarius (L.:Fr.) Quél.
- fir broom rust
Melampsorella caryophyllacearum J. Schröt.
- fir needle blight
Cytospora pinastri Fr.:Fr.
Valsa friesii (Duby) Fuckel
- fir-willow, rust
Melampsora abieti-capraearum Tubeuf
- fire blight
Erwinia amylovora (Burrill) Winslow et al.

(cont'd)

- fireweed rust
Pucciniastrum epilobii G.H. Otth.
- forest-products Lenzites
Gloeophyllum trabeum (Pers.:Fr.) Murrill
- fragile-toothed butt rot
Resinicium bicolor (Alb. & Schwein.:Fr.) Parmasto
- frog-eye leaf spot
Botryosphaeria obtusa (Schwein.) Shoemaker
- Fomes root rot
Heterobasidion annosum (Fr.:Fr.) Bref.
Spiniger meineckellus (A.J. Olson) Stalpers
- Fusarium
Fusarium avenaceum (Fr.:Fr.) Sacc.
Giberella avenacea R.J. Cook
- gelatinous-pored polypore
Gloeoporus dichrous (Fr.:Fr.) Bres.
- globose gall rust
Gymnosporangium globosum (Farl.) Farl.
- glueing fungus
Hymenochaete agglutinans Ellis
- gray mold
Botryotinia fuckeliana (de Bary) Whetzel
Botrytis cinerea Pers.:Fr.
- green stain
Chlorociboria aeruginascens (Nyl.) Kanouse ex C.S. Ramamurthi, Korf & L.R. Batra
- hairy conk
Trametes hirsuta (Wulfen:Fr.) Quél.
- hairy parchment
Stereum hirsutum (Willd.:Fr.) Gray
- hemlock lacquer conk
Ganoderma tsugae Murrill
- hemlock needle blight
Fabrella tsugae (Farl.) Kirschst.
- hemlock–poplar rust
Melampsora abietis-canadensis C.A. Ludw. ex Arthur
- hemlock–willow rust
Melampsora epitea Thüm. f. sp. *tsugae* Ziller
- horse-chestnut leaf blotch
Guignardia aesculi (Peck) V.B. Stewart
Phyllosticta sphaeropsoides Ellis & Everh.
- house rotter
Meruliporia incrassata (Berk. & M.A. Curtis) Murrill
- Hypoxylon canker
Hypoxylon mammatum (Wahlenb.) P. Karst.

(cont'd)

- ink spot of aspen
Ciborinia whetzelii (Seaver) Seaver
Sclerotium bifrons Ellis & Everh. ex Sacc. & Syd.
- juniper needle blight
Phomopsis juniperovora G.G. Hahn
- Keithia needle blight
Didymascella thujina (E.J. Durand) Maire
- Lachnellula dieback
Lachnellula agassizii (Berk. & M.A. Curtis) Dennis
Lachnellula occidentalis (G.G. Hahn & Ayers) Dharne
- larch–poplar rust
Melampsora medusae Thüm.
- larch–willow rust
Melampsora paradoxa Dietel & Holw.
- lacquer conk
Ganoderma lucidum (Curtis:Fr.) P. Karst.
- large-spored spruce–labrador tea rust
Chrysomyxa ledicola Lagerh.
- leaf blight
 (balsam poplar)
Linospora tetraspora G.E. Thomps.
 (cedars)
Phyllosticta thujae Bissett & M.E. Palm
 (willow)
Linospora arctica P. Karst. var. *helvetica* Rehm
- leaf blister
Taphrina caerulescens (Desm. & Mont.) Tul.
- leaf blotch
Guignardia aesculi (Peck) V.B. Stewart
Phyllosticta sphaeropsoidea Ellis & Everh.
- leaf spot
 (ash)
Mycosphaerella effigurata (Schwein.) House
Mycosphaerella fraxinicola (Schwein.) House
Piggotia fraxini Berk. & M.A. Curtis
Phyllosticta viridis Ellis & Kellerm.
 (balsam poplar)
Marssonina balsamiferae Y. Hirats.
 (basswood)
Phyllosticta tiliae Sacc. & Speg.
 (birch)
Asteroma microspermum (Peck) B. Sutton
Atopospora betulina (Fr.:Fr.) Petr.
Cylindrosporella betulae-papyriferae (Dearn. & Overh.) Arx
Didymochora betulina Höhn.
Septoria betulae Pass.
Septoria betulae-odoratae Bubák & Vleugel

(cont'd)

- (blue beech)
Monostichella robergei (Desm.) Höhn.
Sphaerognomonia carpinea (Fr.:Fr.) Potebnia
- (catalpa)
Alternaria catalpae (Ellis & G. Martin) Joly
Didymosphaeria catalpae J.B. Parker
Phyllosticta catalpae Ellis & G.W. Martin
- (elms)
Asteroma ulmeum (Miles) B. Sutton
Stegophora ulmea (Schwein.:Fr.) Syd. & P. Syd.
- (hickories)
Asteroma caryae (Peck) B. Sutton
Gnomonia caryae F.A. Wolf
- (maples)
Cladosporium humile Davis
Diplodina acerina (Pass.) B. Sutton
Venturia acerina Plakidas ex M.E. Barr
Phyllosticta minima (Berk. & M.A. Curtis) Underw. & Earle
Phyllosticta negundinis Sacc. & Speg.
Septoria aceris (Lib.) Berk. & Broome
- (mountain-ash)
Phyllosticta sorbi Westend.
- (oaks)
Discella quercina (G. Winter) Arx
Marssonina martinii (Sacc. & Ellis) Magnus
Tubakia dryina (Sacc.) B. Sutton
- (poplars)
Ciborinia whetzellii (Seaver) Seaver
Cylindrosporium populinum (Peck) Vassiljevsky
Drepanopeziza populi-albae (Kleb.) Nannf.
Drepanopeziza populorum (Desm.) Höhn.
Drepanopeziza tremulae Rimpau
Marssonina castagnei (Desm. & Mont.) Magnus
Mycosphaerella populi (Auersw.) J. Schröt.
Mycosphaerella populorum G.E. Thomps.
Mycosphaerella populicola G.E. Thomps.
Phaeoramularia maculicola (Romell & Sacc.) B. Sutton
Pleuroceras populi G.E. Thomps.
Sclerotium bifrons Ellis & Everh. ex Sacc. & Syd.
Septoria musiva Peck
Septoria populi Desm.
Septoria populicola Peck
Septomyxa populina (Peck) Arx
- (rosaceous hardwoods)
Diplocarpon mespili (Sorauer) B. Sutton
Entomosporium mespili (DC.) Sacc.
- (walnut)
Cylindrosporium juglandis F.A. Wolf
Gnomonia leptostyla (Fr.:Fr.) Ces. & De Not.
Marssonina juglandis (Lib.) Magnus
Mycosphaerella juglandis K.J. Kessler
- (willows)
Cylindrosporium salicinum (Peck) Dearn.
Monostichella salicis (Westend.) Arx
Drepanopeziza salicis (Tul. & C. Tul.) Höhn.

(cont'd)

- little nest polypore
Trametes conchifer (Schwein.:Fr.) Pilát
- Linospora leaf blight
Linospora tetraspora G.E. Thomps.
- Linospora willow blight
Linospora arctica P. Karst. var. *helvetica* Rehm
- little birch shelf
Lenzites betulina (L.:Fr.) Fr.
- little gilled birch shelf
Lenzites betulina (L.:Fr.) Fr.
- maple blight
Cryptodiaporthe hystrix (Tode:Fr.) Butin
Diplodina acerina (Pass.) B. Sutton
- maple canker
Dermea acerina (Peck) Rehm
Sphaeronaema acerinum Peck
- maze-gill conk
Gloeophyllum trabeum (Pers.:Fr.) Murrill
- Meria needle cast
Meria laricis Vuill.
- mossy maple conk
Oxyporus populinus (Schumach.:Fr.) Donk
- mossy maze conk
Cerrena unicolor (Bull.:Fr.) Murrill
- mountain-ash-juniper rust
Gymnosporangium cornutum Arthur ex Kern
- Naemacyclus needle cast
Cyclaneusma minus (Butin) DiCosmo, Peredo & Minter
Cyclaneusma niveum (Pers.:Fr.) DiCosmo Peredo & Minter
- Nectria canker
Cylindrocarpon heteronemum (Berk. & Broome) Wollenw.
Nectria galligena Bres.
- needle blight
(balsam fir)
Cytospora pinastri Fr.:Fr.
Phyllosticta multicorniculata Bissett & M.E. Palm
Valsa friesii (Duby) Fuckel
(balsam fir & spruce)
Rhizosphaera pini (Corda) Maubl.
(cedars)
Didymascella thujina (E.J. Durand) Maire
Kabatina thujae R. Schneid. & Arx
(conifers)
Sclerophoma pythiophila (Corda) Höhn.
Sydowia polyspora (Bref. & Tavel) E. Müll.
(hemlock)
Fabrella tsugae (Farl.) Kirschst.

(cont'd)

(juniper)

- Kabatina juniperi* R. Schneid. & Arx
- Phomopsis juniperovora* G.G. Hahn
- Stigmata juniperina* (Georgescu & Badea) M.B. Ellis

(pines)

- Dothistroma septospora* (Dorogin) M. Morelet
- Cyclaneusma minus* (Butin) DiCosmo, Peredo & Minter
- Cyclaneusma niveum* (Pers.:Fr.) DiCosmo, Peredo & Minter
- Lecanosticta acicola* (Thüm.) Syd.
- Lophophacidium dooksii* Corlett & Shoemaker
- Meloderma desmazieresii* (Duby) Darker
- Mycosphaerella dearnessii* M.E. Barr
- Mycosphaerella pini* Rostrup

(spruce)

- Rhizosphaera kalkhoffii* Bubák

needle cast

(balsam fir)

- Isthmiella faullii* (Darker) Darker
- Lirula mirabilis* (Darker) Darker
- Lirula nervata* (Darker) Darker
- Lirula punctata* (Darker) Darker
- Lophomerum autumnale* (Darker) Magasi

(Douglas-fir)

- Phaeocryptopus gaeumannii* (T. Rohde) Petr.
- Rhabdocline weirii* A.K. Parker & J. Reid subs. *oblonga* A.K. Parker & J. Reid

(jack pine)

- Davisomycella fragilis* Darker
- Elytroderma deformans* (Weir) Darker

(junipers)

- Lophodermium juniperinum* (Fr.) De Not.
- Stigmata juniperina* (Georgescu & Badea) M.B. Ellis

(larch)

- Hypodermella laricis* Tubeuf
- Leptothyrella laricis* Dearn.
- Meria laricis* Vuill.
- Mycosphaerella laricina* (R. Hartig) Mig.

(pines)

- Bifusella linearis* (Peck) Höhn.
- Hypodermium effusum* Schwein.
- Leptostroma austriacum* Oudem.
- Leptostroma durissimum* Cooke
- Leptostroma pinorum* Sacc.
- Leptostroma rostrupii* Minter
- Lophodermella concolor* (Dearn.) Darker
- Lophodermella montivaga* Petr.
- Lophodermella sulcigena* (Rostr.) Höhn.
- Lophodermium australe* Dearn.
- Lophodermium conigenum* (Brunaud) Hilitzer
- Lophodermium nitens* Darker
- Lophodermium pinastri* (Schrad.:Fr.) Chevall.
- Lophodermium seditiosum* Minter, Staley & Millar
- Meloderma desmazieresii* (Duby) Darker

(cont'd)

- (spruces)
- Hypodermina hartigii* Hiltzer
 - Isthmiella crepidiformis* (Darker) Darker
 - Leptostroma abietis* Darker
 - Lirula macrospora* (R. Hartig) Darker
 - Lophodermium piceae* (Fuckel) Höhn.
 - Lophomerum darkerii* Ouell.
- needle cast parasite
- Hendersonia pinicola* Wehm.
- needle cenangium
- Cenangium atropurpureum* E.K. Cash & R.W. Davidson
- needle cup
- Cenangium acicola* (Fuckel) Rehm
- negundo leaf spot
- Phyllosticta negundinis* Sacc. & Speg.
- northern tooth
- Climacodon septentrionalis* (Fr.:Fr.) P. Karst.
- oak Coryneum
- Coryneum umbonatum* Nees
 - Pseudovalsa longipes* (Tul.) Sacc.
- oak dieback
- Botryodiplodia gallae* (Schwein.) Petr. & Syd.
- oak leaf-blister
- Taphrina caerulescens* (Desm. & Mont.) Tul.
- oak loving Fomes
- Phellinus robustus* (P. Karst.) Bourd. & Galzin
- oak wilt
- Ceratocystis fagacearum* (Bretz) J. Hunt
 - Chalara quercina* B.W. Henry
- orange stalactiform blister rust
- Cronartium coleosporioides* Arthur f. sp *coleosporioides*
- oyster mushroom
- Pleurotus ostreatus* (Jacq.:Fr.) P. Kumm.
- peach leaf curl
- Taphrina deformans* (Berk.) Tul.
- Phomopsis blight
- Phomopsis juniperovora* G.G. Hahn
- pine needle rust
- Coleosporium asterum* (Dietel) Syd. & P. Syd.
 - Coleosporium pinicola* Arthur
 - Coleosporium viburni* Arthur
- pine Tympanis
- Tympanis confusa* Nyl.
- pinewood nematode
- Bursaphelenchus xylophilus* (Steiner & Buhner) Nickle

(cont'd)

- pink conk
Fomitopsis cajanderi (P. Karst.) Kotl. & Pouzar
- pink stain
Ascocoryne sarcoides (Jacq.:Fr.) J.W. Groves & D.E. Wilson
Coryne dubia (Pers.) Gray
- pitted sap rot
Trichaptum abietinum (Dick.:Fr.) Ryvarden
- plum pockets
Taphrina communis (Sadob.) Giesenh.
Taphrina pruni Tul.
- poplar dieback
Cryptodiaporthe hystrix (Tode:Fr.) Petr.
- poplar false tinder fungus
Phellinus tremulae (Bondartsev) Bondartsev & Borissov
- poplar Marssonina
Drepanopeziza populi-albae (Kleb.) Nannf.
Drepanopeziza populorum (Desm.) Höhn.
Drepanopeziza tremulae Rimpau
Marssonina castegnei (Desm. & Mont.) Magnus
Marssonina populi (Lib.) Magnus
Marssonina tremulae (Lib.) Kleb.
- poplar target canker
Ceratocystis fimbriata Ellis & Halst.
- poplar Tympanis
Sirodothis populnea (Thüm.) B. Sutton & A. Funk
Tympanis spermatispora (Nyl.) Nyl.
- pouch fungus
Cryptoporus volvatus (Peck) Shear
- powdery mildew
Erysiphe aggregata (Peck) Farl.
Microsphaera penicillata (Wallr.:Fr.) Lév.
Phyllactinia guttata (Wallr.:Fr.) Lév.
Podosphaera clandestina (Wallr.:Fr.) Lév.
Uncinula adunca (Wallr.:Fr.) Lév.
Uncinula circinata Cooke & Peck
Uncinuliella flexuosa (Peck) U. Braun
- pubescent conk
Trametes pubescens (Schumach.:Fr.) Pilát
- Pullularia
Aureobasidium pullulans (de Bary) G. Arnaud
- purple-toothed polypore
Trichaptum abietinum (Dicks.:Fr.) Ryvarden
- quince rust
Gymnosporangium clavipes (Cooke & Peck) Cooke & Peck
- rainbow conk
Trametes versicolor (L.:Fr.) Pilát

(cont'd)

- red band needle blight
Dothistroma septospora (Dorogin) M. Morelet
Mycosphaerella pini Rostrup
- red belt fungus
Fomitopsis pinicola (Sw.:Fr.) P. Karst.
- red heart rot
Stereum sanguinolentum (Alb. & Schwein.:Fr.) Fr.
- red ring rot
Phellinus pini (Brot.:Fr.) A. Ames
- resin cup
Sarea resinae (Fr.:Fr.) Kuntze
Zythia resinae (Fr.:Fr.) P. Karst.
- resinous polypore
Ischnoderma resinosum (Schrad.:Fr.) P. Karst.
- Rhabdocline needle cast
Rhabdocline pseudotsugae Syd.
- rose-colored conk
Fomitopsis cajanderi (P. Karst.) Kotl. & Pouzar
Fomitopsis rosea (Alb. & Schwein.:Fr.) P. Karst.
- rosy conk
Fomitopsis cajanderi (P. Karst.) Kotl. & Pouzar
- rough bark
Diplodia tumefaciens (Shear) Zalasky
Keissleriella emergens (P.Karst.) S.K. Bose
- Russian-olive canker
Phomopsis arnoldiae B. Sutton
- sap streak
Ceratocystis coerulescens (Münch) B.K. Bakshi
Chalara ungeri Sacc.
- Scleroderris canker
Brunchorstia laricina Ettl.
Brunchorstia pinea (P. Karst.) Höhn.
Gremmeniella abietina (Lagerb.) M. Morelet
Gremmeniella laricina (Ettl.) Petrini et al.
- Scoleconectria dieback
Scoleconectria cucurbitula (Tode:Fr.) C. Booth
Zythiostroma pinastri (P. Karst.) Höhn.
- scorched conk
Bjerkandera adusta (Willd.:Fr.) P. Karst.
- seed rot
Caloscypha fulgens (Pers.) Boud.
Geniculodendron pyriforme G.A. Salt
- seedling blight
Phoma glomerata (Corda) Wollenw. & Hochapfel
- Septoria canker
Mycosphaerella populorum G.E. Thomps.
Septoria musiva Peck

(cont'd)

Septoria leaf spot

Mycosphaerella populi (Auersw.) J. Schröt.
Mycosphaerella populorum G.E. Thomps.
Mycosphaerella populicola G.E. Thomps.
Septoria aceris (Lib.) Berk. & Broome
Septoria musiva Peck
Septoria populi Desm.
Septoria populicola Peck

shoot blight

(balsam poplar)

Pollaccia elegans Servazzi
Venturia populina (Vuill.) Fabric.

(cedars)

Kabatina thujae R. Schneid. & Arx

(juniper)

Kabatina juniperi R. Schneid. & Arx.

(pines & blue spruce)

Sirococcus conigenus (DC.) P.F. Cannon & Minter

(poplars)

Pollaccia radiosa (Lib.) E. Bald. & Cif.
Venturia macularis (Fr.:Fr.) E. Müll. & Arx

shot-hole

Blumeriella jaapii (Rehm) Arx
Phloeosporella padi (Lib.) Arx

silver-leaf fungus

Chondrostereum purpureum (Pers.:Fr.) Pouzar

slash conk

Gloeophyllum sepiarium (Wulfen:Fr.) P. Karst.

slash Merulius

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

slash rotter

Stereum hirsutum (Willd.:Fr.) Gray

smooth patch of oak

Aleurodiscus oakesii (Berk. & M.A. Curtis) Höhn. & Litsch.

smothering disease

Thelephora terrestris Ehrh.:Fr.

smothering fungus

Thelephora terrestris Ehrh.:Fr.

snow blight

(balsam fir)

Nothopacidium abietinellum (Dearn.) J. Reid & Cain
Phacidium abietis (Dearn.) J. Reid & Cain
Phacidium balsamicola (Smerlis) DiCosmo, Nag Raj & W.E. Kendr.
Rhabdogloeopsis balsameae (Davis) Petr.
Sarcotrochila balsameae (Davis) Korf

(conifers)

Phacidiopycnis pseudotsugae (M. Wilson) G.G. Hahn
Phacidium coniferarum (G.G. Hahn) DiCosmo, Nag Raj & W.B. Kendr.

(cont'd)

- (spruces)
Lophophacidium hyperboreum Lagerb.
Sarcotrichila piniperda (Rehm) Korf
- snow mold
Herpotrichia juniperi (Duby) Petr.
- sooty mold
Capnodium salicinum Mont.
Fumagospora capnodioides G. Arnaud
Scorias spongiosa (Schwein.:Fr.) Fr.
- speckled tar spot
Melasmia punctata Sacc. & Roum.
Rhytisma punctatum (Pers.:Fr.) Fr.
- split-gill
Schizophyllum commune Fr.:Fr.
- spruce branch canker
Cytospora kunzei Sacc.
Leucostoma kunzei (Fr.:Fr.) Munk
- spruce broom rust
Chrysomyxa arctostaphyli Dietel
- spruce cone rust
Chrysomyxa pirolata G. Winter
- spruce needle rust
Chrysomyxa ledi (Alb. & Schwein.) de Bary var. *ledi*
var. *cassandrae* (Peck & Clinton) Savile
Chrysomyxa ledicola Lagerh.
- sulphur shelf
Laetiporus sulphureus (Bull.:Fr.) Murrill
Sporotrichum versisporum (Lloyd) Stalpers
- sweet fern blister rust
Cronartium comptoniae Arthur
- Swiss needle cast
Phaeocryptopus gaeumannii (T. Rohde) Petr.
- tar spot
(birch)
Atopospora betulina (Fr.:Fr.) Petr.
(maples)
Melasmia acerina Lév.
Rhytisma acerinum (Pers.:Fr.) Fr.
(willows)
Melasmia salicina Lév.
Rhytisma salicinum (Pers.:Fr.) Fr.
- tar spot needle cast
Davisomycella ampla (Davis) Darker
- target canker
Cylindrocarpon heteronemum (Berk. & Broome) Wollenw.
Nectria galligena Bres.

(cont'd)

- tawny toothed Trametes
Trametes cervina (Schwein.) Bres.
- tea pot fungus
Rhizina undulata Fr.:Fr.
- Therrya canker
Therrya fuckelii (Rehm) Kujala
- thick-maze oak polypore
Daedalea quercina (L.:Fr.) Fr.
- thin-maze flat polypore
Daedaleopsis confragosa (Bolton:Fr.) J. Schröt.
- tinder fungus
Fomes fomentarius (L.:Fr.) J. Kickx f.
- tip blight
Sphaeropsis sapinea (Fr.) Dyko & B. Sutton
Delphinella balsameae (Waterman) E. Müll.
- tomentosus root rot
Inonotus tomentosus (Fr.:Fr.) S. Teng
- Trametes wood rotter
Trametes cervina (Schwein.) Bres.
- Trichoderma
Trichoderma viride Pers.:Fr.
- turkey tail
Trametes versicolor (L.:Fr.) Pilát
- twig blight
Cenangium atropurpureum E.K. Cash & R.W. Davidson
Cenangium ferruginosum Fr.:Fr.
- twig canker
Cytosporina ludibunda Sacc.
Dermea balsamea (Peck) Seaver
Foveostroma abietinum (Peck) DiCosmo
- twig and shoot blight
Coryneum umbonatum Nees
Pseudovalsa longipes (Tul.) Sacc.
- Tympanis canker
Tryblidiopsis pinastri (Pers.:Fr.) P. Karst.
Tryblidiopycnis pinastri Höhn.
Tympanis confusa Nyl.
Tympanis hypopodia Nyl.
Tympanis truncatula (Pers.:Fr.) Rehm
- varnished conk
Ganoderma lucidum (Curtis:Fr.) P. Karst.
Ganoderma tsugae Murril
- velvet top fungus
Phaeolus schweinitzii (Fr.:Fr.) Pat.
- Verticillium wilt
Verticillium albo-atrum Reinke & Berthold
Verticillium dahliae Kleb.

(cont'd)

- violet-toothed polypore
Trichaptum biformis (Fr.) Ryvarden
- weirii needle cast
Rhabdocline weirii A.K. Parker & J. Reid subs. *oblonga* A.K. Parker & J. Reid
- Weir's spruce cushion rust
Chrysomyxa weirii H.S. Jacks.
- western gall rust
Endocronartium harknessii (J.P. Moore) Y. Hirarts.
- white haired bark cup
Lachnellula agassizii (Berk. & M.A. Curtis) Dennis
- white haired larch cup
Lachnellula occidentalis (G.G. Hahn & Ayers) Dharne
- white matsutake
Armillaria ponderosa (Peck) Sacc.
- white mold
Microstroma juglandis (Bérenger) Sacc.
- white mottled rot
Climacocystis borealis (Fr.:Fr.) Kotl. & Pouzar
Fomes fomentarius (L.:Fr.) J. Kickx f.
Ganoderma applanatum (Pers.) Pat.
- white pine blister rust
Cronartium ribicola J.C. Fisch.
- white root conk
Perenniporia subacida (Peck) Donk
- white spongy rot
Inonotus obliquus (Pers.:Fr.) Pilát
Oxyporus populinus (Schumach.:Fr.) Donk
Phellinus everhartii (Ellis & Galloway) A. Ames
Pycnoporus cinnabarinus (Jacq.:Fr.) P. Karst.
Radulon americanus Ryvarden
- white stringy rot
Perenniporia subacida (Peck) Donk
Resinicium bicolor (Alb. & Schwein.:Fr.) Parmasto
- white tooth
Irpex lacteus (Fr.:Fr.) Fr.
- white-toothed polypore
Irpex lacteus (Fr.:Fr.) Fr.
- willow dieback
Cryptodiaporthe salicella (Fr.:Fr.) Petr.
Diplodina microsperma (Johnst.) B. Sutton
- willow scab
Pollaccia saliciperda (Allesch. & Tubeuf) Arx
Venturia saliciperda J. Nüesch
- witches'-broom & leaf curl of cherry
Taphrina wiesneri (Ráthay) Mix

(cont'd)

- witches' -broom on blueberry
Pucciniastrum goeppertianum (J.G. Kühn) Kleb.
- witches' -broom on serviceberry
Apiosporina collinsii (Schwein.) Höhn.
- wood wasp stereum
Amylostereum chailletii (Pers.:Fr.) Boidin
- yellow cup
Cenangium ferruginosum Fr.:Fr.
- yellow leaf-blister
Taphrina flava Farl.
- yellow stringy rot
Scytinostroma galactinum (Fr.) Donk

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APPENDIX

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