

**INDEX OF HOSTS AND ASSOCIATED FUNGI  
IDENTIFIED BY THE FOREST INSECT  
AND DISEASE SURVEY IN ONTARIO  
FROM 1967 TO 1987**  
**III. MAPLES, BIRCHES AND POPLARS**

*D.T. Myren  
and  
C.N. Davis*

Forestry Canada  
Ontario Region  
Great Lakes Forestry Centre

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#### ABSTRACT

This publication lists all fungi found on maple, birch and poplar hosts from 1967 to 1987 by personnel of the Forest Insect and Disease Survey Unit at Forestry Canada, Ontario Region's Great Lakes Forestry Centre. The list is arranged alphabetically in two sections, first by host and then by organism. Indexes of common names of hosts and of diseases provide the reader who is unfamiliar with the Latin binomials with access to the appropriate pages in the lists. A comprehensive index of all Latin binomials, including frequently used synonyms, is included.

#### RÉSUMÉ

Le présent rapport énumère tous les champignons découverts chez les érables, les bouleaux et les peupliers de 1967 à 1987 par des employés de l'unité du Relevé des insectes et des maladies des arbres du Centre de foresterie des Grands Lacs de la Région de l'Ontario de Forêts Canada. La liste, présentée par ordre alphabétique, se divise en deux parties, la première énumérant les hôtes et la seconde, les champignons. Les noms vernaculaires des hôtes et des maladies sont présentés à l'intention du lecteur qui ne connaît pas bien les noms latins et sont accompagnés d'un renvoi aux pages appropriées. Le rapport comprend également un index général de tous les noms latins, y compris leurs synonymes les plus usités.

#### ACKNOWLEDGMENTS

We acknowledge the assistance provided by the Forest Insect and Disease Survey (FIDS) field staff in the preparation of this report. It is only through their detection of tree diseases and submission of well-documented samples that the information presented here is made possible. Special thanks go to FIDS rangers B. Smith, W. Ingram and P. Bolan for their assistance in assembling and organizing this information, and to W. Britnell of our mycology staff for his careful review of the manuscript. The cooperation of staff of the Ontario Ministry of Natural Resources (OMNR) in submitting samples and alerting our field staff to problem locations is appreciated.

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Cover photo: *Armillaria mellea* on white birch.

## INTRODUCTION

This index is the third in a series of four reports prepared by the mycology section of the Forest Insect and Disease Survey (FIDS) Unit and covers fungi that have been observed on maples, birches and poplars. Previous indexes in the series covered fungi of the pines and all conifers other than pines.

The information presented in these indexes of fungi and their hosts was obtained from the FIDS data bank maintained at Forestry Canada's Petawawa National Forestry Institute. This data bank contains detailed records of each tree disease collection made by FIDS staff since 1967. Information from the Great Lakes Forestry Centre extension sample records that is not contained in the data bank is included. Most of the samples in our extension records were collected by staff of the Ontario Ministry of Natural Resources.

The present index has been prepared to ensure that at least some of the information in our data bank is available to the forestry community at large. Additional indexes will be prepared over the next several years to cover all tree species native to Ontario; some of the more widely planted exotics will also be included.

The text consists of two major divisions. In the first, the hosts are arranged in alphabetical order by their Latin binomials. In the second, the organisms are arranged similarly. These divisions are followed by alphabetical lists of the common names of both the hosts and the diseases, with corresponding Latin binomials. By consulting these lists for names that may be more familiar, the reader will gain access to the binomials in the main body of the text. An index of all Latin binomials, including anamorphs and synonyms, has also been included.

Many of the fungi presented are not true pathogens but have been found on the hosts as saprophytes. Others are known to be either weakly or vigorously pathogenic. To simplify attempts to recognize the category to which a fungus belongs, we have assigned a number according to the following system, which is used in the annual FIDS reports:

1. Capable of causing serious injury to or death of living trees.
2. Capable of causing sporadic or local injury but not usually a threat to living trees.
3. Of minor importance and not known to have caused serious damage to trees.
4. Known as a saprophytic fungus.

### M. Mycorrhizal.

Assignment of an organism to a specific category is based on our field observations and laboratory experience. Decay fungi, which are certainly among the most serious fungi on forest trees, are difficult to place in this rating system as many do not kill their hosts but do cause significant wood-volume loss. This loss cannot be considered an injury but may predispose the host to eventual breakage from wind, ice or other abiotic agents.

Geographic locations refer to the provincial administrative regions presented in Figure 1. We have elected to use a suitable abbreviation in designating the regions, such as NE for the Northeastern Region. In the text, the number of collections from a region follows the abbreviation and is enclosed within parentheses. It should be noted that these are only the regions from which the fungus was reported; the fungus was not necessarily more abundant there, nor was it necessarily absent from other regions.

Many of the fungi and the diseases they cause do not have common names. For these we have constructed a name using the fungal genus, the type of disease, and/or the host, whichever we deemed most appropriate and least confusing. We do not necessarily nominate these as official common names, but use them only to facilitate the use of this host index.

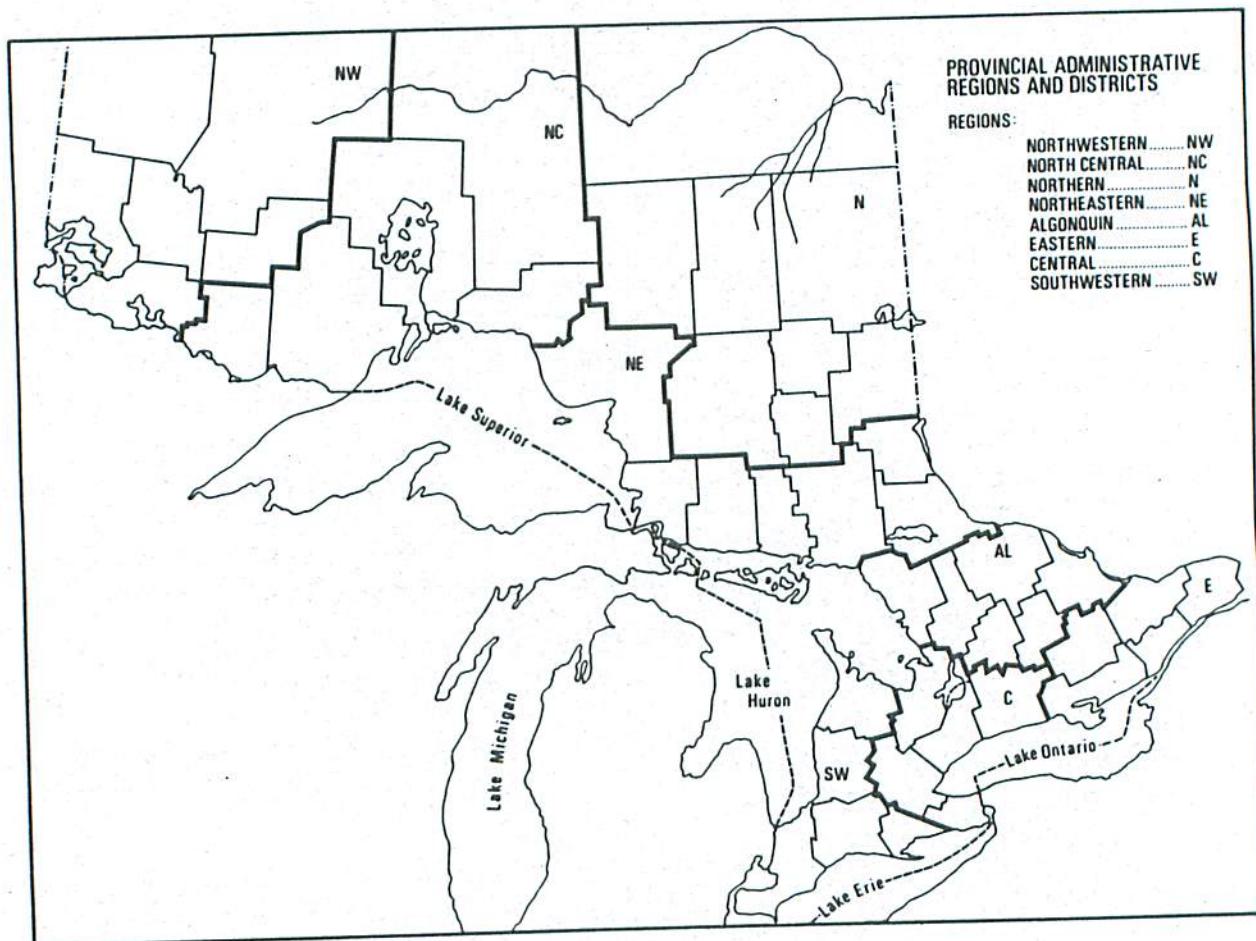


Figure 1. A map of the province of Ontario with the Ontario Ministry of Natural Resources' provincial administrative regions (bordered by darker lines and identified by the selected abbreviation).

## **HOST/FUNGUS LISTING**

*Acer spp., maple*

*Apiognomonia errabunda* (Roberge) Höhnel: anthracnose

Syn.: *Gnomonia errabunda* (Roberge) Auersw.

Syn.: *Gnomonia quercina* Kleb.

Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet

Syn.: *Gloeosporium umbrinellum* Berk. & Broome

Disease Rating: 2

Loc.: NE (2), E(3), C(3), SW(1)

*Armillaria mellea* (Vahl : Fr.) Kummer: Armillaria root rot

Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten

Disease Rating: 1

Loc.: NE (1), SW (2)

*Ascochyta* sp.: Ascochyta

Disease Rating: 3

Loc.: AL (1)

*Aureobasidium apocryptum* (Ell. & Ev.) Hermanides-Nijhof: anthracnose

Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx

Syn.: *Gloeosporium apocryptum* Ell. & Ev.

Disease Rating: 2

Loc.: NW (1), NE (10), AL (1), E (11), C (15), SW (9)

*Botryodiplodia* sp.: twig canker

Disease Rating: 3

Loc.: E (2)

*Cephalosporium* sp.: Cephalosporium wilt

Disease Rating: 2

Loc.: E (1)

*Cerrena unicolor* (Bull. : Fr.) Murrill: mossy-maze polypore

Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.

Disease Rating: 3

Loc.: NE (1)

*Cladosporium* sp.: leaf spot

Syn.: *Hormodendrum* sp.

Disease Rating: 3

Loc.: C (1)

*Cryptodiaporthe acerinum* J. Reid & Cain: branch canker

Disease Rating: 4

Loc.: C (1)

*Acer spp.*, maple

*Cryptodiaporthe hystrix* (Tode : Fr.) Petrak: Diplodia leaf spot

Anamorph: *Diplodina acerina* (Pass.) B. Sutton

Syn.: *Discella acerina* (Pass.) v. Arx

Disease Rating: 3

Loc.: C (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: NC (1), NE (2), E (2), C (3), SW (2)

*Diplodia* sp.: Diplodia twig dieback

Disease Rating: 3

Loc.: E (1)

*Discula acerina* Oudem.: anthracnose

Disease Rating: 3

Loc.: E (2), C (1), SW (1)

*Eutypella parasitica* Davidson & Lorenz: Eutypella canker

Disease Rating: 2

Loc.: NE (2)

*Irpex lacteus* (Fr. : Fr.) Fr.: white-toothed polypore

Syn.: *Polyporus tulipiferae* (Schwein.) Overh.

Syn.: *Irpex tulipiferae* (Schwein.) Schwein.

Disease Rating: 4

Loc.: E (1)

*Marssonina* sp.: Marssonina leaf spot

Disease Rating: 3

Loc.: AL (1)

*Nectria cinnabrina* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: NC (1), N (1), NE (28), E (3), C (1), SW (1)

*Phoma* sp.: Phoma canker

Disease Rating: 3

Loc.: E (1)

*Phomopsis* sp.: Phomopsis blight

Disease Rating: 3

Loc.: NE (1), C (1)

*Phyllosticta minima* (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot

Syn.: *Phyllosticta acericola* Cooke & Ell.

Disease Rating: 3

Loc.: AL (1), E (1), C (3), SW (2)

*Acer spp., maple*

*Pleurotus ostreatus* (Jacq. : Fr.) Kummer: oyster-shell fungus

Disease Rating: 4

Loc.: NE (1)

*Schizophyllum commune* Fr. : Fr.: split gill

Disease Rating: 3

Loc.: E (1)

*Stegonsporium* sp.: maple twig fungus

Disease Rating: 4

Loc.: NE (1), E (1), C (4)

*Stegonsporium pyriforme* (Hoffm. : Fr.) Corda: maple twig fungus

Syn.: *Stilbospora ovata* Pers.

Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes

Disease Rating: 4

Loc.: AL (1), E (2), C (3), SW (2)

*Trametes pubescens* (Schumacher : Fr.) Pilát: pubescent conk

Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet

Syn.: *Polyporus pubescens* Schumacher : Fr.

Disease Rating: 4

Loc.: C (1)

*Tubercularia* sp.: *Nectria* canker

Disease Rating: 1

Loc.: C (1)

*Verticillium* sp.: *Verticillium* wilt

Disease Rating: 1

Loc.: AL (2), E (3), C (1), SW (2)

*Verticillium albo-atrum* Reinke & Berth.: *Verticillium* wilt

Disease Rating: 1

Loc.: SW (2)

*Verticillium dahliae* Kleb.: *Verticillium* wilt

Disease Rating: 1

Loc.: NE (1), C (2)

*Acer negundo* L., Manitoba maple

*Botryosphaeria obtusa* (Schwein.) Shoem.: frog-eye leaf spot  
Syn.: *Physalospora obtusa* (Schwein.) Cooke  
Anamorph: *Sphaeropsis malorum* (Schwein.) Cooke  
Syn.: *Botryodiplodia malorum* (Berk.) Petrak & H. Sydow  
Disease Rating: 2  
Loc.: NE (1)

*Cerrena unicolor* (Bull. : Fr.) Murrill: mossy-maze polypore  
Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.  
Disease Rating: 3  
Loc.: E (1)

*Cristulariella* sp.: leaf spot  
Disease Rating: 3  
Loc.: E (1)

*Cytospora* sp.: Cytospora canker  
Disease Rating: 3  
Loc.: NW (1)

*Diplodina* sp.: Diplodina leaf spot  
Disease Rating: 3  
Loc.: NC (1)

*Discula acerina* Oudem.: anthracnose  
Disease Rating: 3  
Loc.: N (1), E (1), C (1)

*Ganoderma applanatum* (Pers.) Pat.: artist's conk  
Syn.: *Fomes applanatus* (Pers.) C. Gillet  
Syn.: *Polyporus applanatus* (Pers.) Wallr.  
Disease Rating: 4  
Loc.: SW (1)

*Irpex lacteus* (Fr. : Fr.) Fr.: white-toothed polypore  
Syn.: *Polyporus tulipiferae* (Schwein.) Overh.  
Syn.: *Irpex tulipiferae* (Schwein.) Schwein.  
Disease Rating: 4  
Loc.: E (1)

*Nectria cinnabarinna* (Tode : Fr.) Fr.: Nectria canker  
Anamorph: *Tubercularia vulgaris* Tode : Fr.  
Disease Rating: 2  
Loc.: NW (1), NC (1), N (1), SW (1)

*Phyllosticta negundinis* Sacc. & Speg.: leaf spot  
Disease Rating: 3  
Loc.: NW (1), SW (1)

*Acer negundo* L., Manitoba maple

*Rhytisma punctatum* (Pers. : Fr.) Fr.: speckled tar spot

Anamorph: *Melasmia punctata* Sacc. & Roum.

Disease Rating: 3

Loc.: NW (2), N (6), NE (1)

*Septoria aceris* (Lib.) Berk. & Broome: Septoria leaf spot

Disease Rating: 3

Loc.: C (1)

*Stigmina negundinis* (Berk. & M.A. Curtis) M.B. Ellis: Stigmina twig blight

Syn.: *Coryneum negundinis* Berk. & M.A. Curtis

Syn.: *Helminthosporium subcuticulare* Ell. & Ev.

Disease Rating: 3

Loc.: NC (1), N (3), NE (1)

*Xylaria polymorpha* (Pers. : Fr.) Grev.: dead-man's fingers

Disease Rating: 3

Loc.: SW (1)

*Acer nigrum* Michx.f., black maple

*Apiognomonia errabunda* (Roberge) Höhnel: anthracnose

Syn.: *Gnomonia errabunda* (Roberge) Auersw.

Syn.: *Gnomonia quercina* Kleb.

Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet

Syn.: *Gloeosporium umbrinellum* Berk. & Broome

Disease Rating: 2

Loc.: SW (1)

*Aureobasidium apocryptum* (Ell. & Ev.) Hermanides-Nijhof: anthracnose

Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx

Syn.: *Gloeosporium apocryptum* Ell. & Ev.

Disease Rating: 2

Loc.: SW (1)

*Phyllosticta minima* (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot

Syn.: *Phyllosticta acericola* Cooke & Ell.

Disease Rating: 3

Loc.: SW (1)

*Acer pensylvanicum* L., striped maple

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: E (1)

*Eutypella parasitica* Davidson & Lorenz: Eutypella canker

Disease Rating: 2

Loc.: E (1), C (1)

*Phomopsis* sp.: Phomopsis blight

Disease Rating: 3

Loc.: E (1)

*Acer platanoides* L., Norway maple

*Apiognomonia errabunda* (Roberge) Höhnel: anthracnose

Syn.: *Gnomonia errabunda* (Roberge) Auersw.

Syn.: *Gnomonia quercina* Kleb.

Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet

Syn.: *Gloeosporium umbrinellum* Berk. & Broome

Disease Rating: 2

Loc.: C (1)

*Aureobasidium apocryptum* (Ell. & Ev.) Hermanides-Nijhof: anthracnose

Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx

Syn.: *Gloeosporium apocryptum* Ell. & Ev.

Disease Rating: 2

Loc.: C (4), SW (2)

*Cerrena unicolor* (Bull. : Fr.) Murrill: mossy-maze polypore

Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.

Disease Rating: 3

Loc.: NE (1)

*Cladosporium* sp.: leaf spot

Syn.: *Hormodendrum* sp.

Disease Rating: 3

Loc.: SW (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: E (2), C (2), SW (3)

*Diplodia* sp.: Diplodia twig dieback

Disease Rating: 3

Loc.: SW (1)

*Ganoderma appianatum* (Pers.) Pat.: artist's conk

Syn.: *Fomes appianatus* (Pers.) C. Gillet

Syn.: *Polyporus appianatus* (Pers.) Wallr.

Disease Rating: 4

Loc.: C (1)

*Nectria cinnabarina* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: NE (2), E (1), C (4), SW (4)

*Valsa* sp.: stem canker

Disease Rating: 3

Loc.: SW (1)

*Acer platanoides* L., Norway maple

*Verticillium* sp.: Verticillium wilt

Disease Rating: 1

Loc.: NE (1), E (2), C (1), SW (7)

*Acer pseudoplatanus* L., sycamore maple

*Nectria cinnabarinus* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: C (1), SW (1)

*Phyllosticta minima* (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot

Syn.: *Phyllosticta acericola* Cooke & Ell.

Disease Rating: 3

Loc.: SW (1)

*Acer rubrum* L., red maple

*Apiognomonia errabunda* (Roberge) Höhnel: anthracnose

Syn.: *Gnomonia errabunda* (Roberge) Auersw.

Syn.: *Gnomonia quercina* Kleb.

Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet

Syn.: *Gloeosporium umbrinellum* Berk. & Broome

Disease Rating: 2

Loc.: N (2), AL (2)

*Armillaria mellea* (Vahl : Fr.) Kummer: Armillaria root rot

Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten

Disease Rating: 1

Loc.: NE (1), SW (2)

*Aureobasidium apocryptum* (Ell. & Ev.) Hermanides-Nijhof: anthracnose

Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx

Syn.: *Gloeosporium apocryptum* Ell. & Ev.

Disease Rating: 2

Loc.: NW (2), N (1), NE (2), AL (3), E (8), C (1), SW (1)

*Ceratocystis* sp.: blue stain

Disease Rating: 3

Loc.: C (1)

*Cladosporium* sp.: leaf spot

Syn.: *Hormodendrum* sp.

Disease Rating: 3

Loc.: AL (2)

*Coniothyrium negundinis* Tehon & E.Y. Daniels: twig canker

Disease Rating: 3

Loc.: SW (1)

*Cryptodiaporthe hystrix* (Tode : Fr.) Petrak: Diplodia leaf spot

Anamorph: *Diplodina acerina* (Pass.) B. Sutton

Syn.: *Discella acerina* (Pass.) v. Arx

Disease Rating: 3

Loc.: E (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: NE (2), AL (1), C (1)

*Diaporthe* sp.: twig canker

Disease Rating: 3

Loc.: E (1)

*Acer rubrum* L., red maple

*Diplodina* sp.: Diplodina leaf spot  
Disease Rating: 3  
Loc.: NE (1)

*Discula acerina* Oudem.: anthracnose  
Disease Rating: 3  
Loc.: NE (1), AL (2), E (1), C (1)

*Eutypella parasitica* Davidson & Lorenz: Eutypella canker  
Disease Rating: 2  
Loc.: NE (1), AL (2), E (2)

*Hericium americanum* Ginns: bear's-head tooth fungus  
Disease Rating: 4  
Loc.: NE (1)

*Macrophoma* sp.: leaf spot  
Disease Rating: 3  
Loc.: C (1)

*Nectria cinnabarina* (Tode : Fr.) Fr.: Nectria canker  
Anamorph: *Tuberularia vulgaris* Tode : Fr.  
Disease Rating: 2  
Loc.: NE (3)

*Nectria galligena* Bres.: target canker  
Disease Rating: 2  
Loc.: E (1)

*Peniophora* sp.: Peniophora  
Disease Rating: 4  
Loc.: NE (1)

*Phellinus igniarius* (L. : Fr.) Quélet: false tinder fungus  
Syn.: *Fomes igniarius* (L. : Fr.) Kickx  
Disease Rating: 1  
Loc.: N (1)

*Phomopsis* sp.: Phomopsis blight  
Disease Rating: 3  
Loc.: C (1)

*Phyllosticta minima* (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot  
Syn.: *Phyllosticta acericola* Cooke & Ell.  
Disease Rating: 3  
Loc.: N (2), NE (5), AL (4), E (3), C (2), SW (3)

*Acer rubrum* L., red maple

*Rhytisma acerinum* (Pers. : Fr.) Fr.: tar spot

Anamorph: *Melasmia acerina* Lév.

Disease Rating: 3

Loc.: N (3), NE (5), AL (4), E (1), SW (3)

*Rhytisma punctatum* (Pers. : Fr.) Fr.: speckled tar spot

Anamorph: *Melasmia punctata* Sacc. & Roum.

Disease Rating: 3

Loc.: N (2), SW (1)

*Stegonsporium* sp.: maple twig fungus

Disease Rating: 4

Loc.: NW (1)

*Stegonsporium pyriforme* (Hoffm. : Fr.) Corda: maple twig fungus

Syn.: *Stilbospora ovata* Pers.

Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes

Disease Rating: 4

Loc.: E (1)

*Taphrina dearnessii* Jenk.: leaf blister

Disease Rating: 3

Loc.: NE (1), AL (1)

*Ustilina deusta* (Hoffm. : Fr.) Lind: coal fungus

Syn.: *Hypoxylon deustum* (Hoffm. : Fr.) Grev.

Disease Rating: 3

Loc.: C (1)

*Valsa sordida* Nitschke: golden-tendril Cytospora

Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.

Disease Rating: 3

Loc.: NE (1)

*Venturia acerina* Plakidas ex Barr: maple leaf spot

Syn.: *Cladosporium humile* J. Davis

Disease Rating: 3

Loc.: E (1)

*Verticillium* sp.: Verticillium wilt

Disease Rating: 1

Loc.: AL (1), E (1), SW (1)

*Acer saccharinum* L., silver maple

*Apiognomonia errabunda* (Roberge) Höhnel: anthracnose

Syn.: *Gnomonia errabunda* (Roberge) Auersw.

Syn.: *Gnomonia quercina* Kleb.

Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet

Syn.: *Gloeosporium umbrinellum* Berk. & Broome

Disease Rating: 2

Loc.: C (1)

*Aplosporella clintonii* (Peck) Petrak & Sydow: Sphaeropsis dieback

Syn.: *Sphaeropsis albescens* Ell. & Ev.

Disease Rating: 3

Loc.: NE (1)

*Armillaria mellea* (Vahl : Fr.) Kummer: Armillaria root rot

Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten

Disease Rating: 1

Loc.: E (1)

*Aureobasidium apocryptum* (Ell. & Ev.) Hermanides-Nijhof: anthracnose

Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx

Syn.: *Gloeosporium apocryptum* Ell. & Ev.

Disease Rating: 2

Loc.: NC (1), N (1), NE (1), E (2), C (1), SW (3)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: NE (2), AL (1), E (1), C (1), SW (1)

*Diplodia* sp.: Diplodia twig dieback

Disease Rating: 3

Loc.: SW (1)

*Diplodina* sp.: Diplodina leaf spot

Disease Rating: 3

Loc.: NE (1)

*Irpex lacteus* (Fr. : Fr.) Fr.: white-toothed polypore

Syn.: *Polyporus tulipiferae* (Schwein.) Overh.

Syn.: *Irpex tulipiferae* (Schwein.) Schwein.

Disease Rating: 4

Loc.: C (1)

*Acer saccharinum* L., silver maple

*Nectria cinnabrina* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: E (1), SW (1)

*Phyllosticta minima* (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot

Syn.: *Phyllosticta acericola* Cooke & Ell.

Disease Rating: 3

Loc.: SW (1)

*Rhytisma acerinum* (Pers. : Fr.) Fr.: tar spot

Anamorph: *Melasmia acerina* Lév.

Disease Rating: 3

Loc.: NE (1), E (1), C (1), SW (1)

*Stegonsporium* sp.: maple twig fungus

Disease Rating: 4

Loc.: SW (1)

*Stegonsporium pyriforme* (Hoffm. : Fr.) Corda: maple twig fungus

Syn.: *Stilbospora ovata* Pers.

Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes

Disease Rating: 4

Loc.: SW (1)

*Stereum* sp.: *Stereum* wood rotter

Disease Rating: 3

Loc.: NE (1)

*Trametes versicolor* (L. : Fr.) Pilát: turkey tail

Syn.: *Coriolus versicolor* (L. : Fr.) Quélet

Syn.: *Polyporus versicolor* L. : Fr.

Disease Rating: 4

Loc.: C (1)

*Verticillium* sp.: Verticillium wilt

Disease Rating: 1

Loc.: NE (1), AL (1)

*Acer saccharum* Marsh., sugar maple

*Apiognomonia errabunda* (Roberge) Höhnle: anthracnose

Syn.: *Gnomonia errabunda* (Roberge) Auersw.

Syn.: *Gnomonia quercina* Kleb.

Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet

Syn.: *Gloeosporium umbrinellum* Berk. & Broome

Disease Rating: 2

Loc.: N (1), NE (1), AL (7), E (4), C (1), SW (5)

*Aplosporella clintonii* (Peck) Petrak & Sydow: Sphaeropsis dieback

Syn.: *Sphaeropsis albescens* Ell. & Ev.

Disease Rating: 3

Loc.: C (1)

*Armillaria mellea* (Vahl : Fr.) Kummer: Armillaria root rot

Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten

Disease Rating: 1

Loc.: AL (1), E (1), C (4), SW (3)

*Aureobasidium apocryptum* (Ell. & Ev.) Hermanides-Nijhof: anthracnose

Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx

Syn.: *Gloeosporium apocryptum* Ell. & Ev.

Disease Rating: 2

Loc.: NW (2), NE (12), AL (18), E (21), C (29), SW (31)

*Bjerkandera adusta* (Willd. : Fr.) P. Karsten: scorched conk fungus

Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.

Disease Rating: 4

Loc.: SW (2)

*Botryodiplodia* sp.: twig canker

Disease Rating: 3

Loc.: NE (1)

*Capnodium* sp.: sooty mold

Disease Rating: 4

Loc.: SW (1)

*Cephalosporium* sp.: Cephalosporium wilt

Disease Rating: 2

Loc.: AL (1), C (2), SW (1)

*Cerrena unicolor* (Bull. : Fr.) Murrill: mossy-maze polypore

Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.

Disease Rating: 3

Loc.: NE (1), E (1), C (3), SW (1)

*Acer saccharum* Marsh., sugar maple

*Cladosporium* sp.: leaf spot

Syn.: *Hormodendrum* sp.

Disease Rating: 3

Loc.: NE (2), C (1), SW (1)

*Colletotrichum* sp.: *Colletotrichum*

Disease Rating: 3

Loc.: NW (1)

*Coniothyrium* sp.: twig canker

Disease Rating: 4

Loc.: AL (1), E (1)

*Corticium* sp.: white spongy rot

Disease Rating: 2

Loc.: E (1), C (1), SW (1)

*Cryptodiaporthe acerinum* J. Reid & Cain: branch canker

Disease Rating: 4

Loc.: SW (1)

*Cryptodiaporthe hystrix* (Tode : Fr.) Petrak: *Diplodia* leaf spot

Anamorph: *Diplodina acerina* (Pass.) B. Sutton

Syn.: *Discella acerina* (Pass.) v. Arx

Disease Rating: 3

Loc.: AL (1), C (2), SW (4)

*Cytospora* sp.: *Cytospora* canker

Disease Rating: 3

Loc.: NE (2), AL (4), E (3), C (10), SW (12)

*Cytospora* sp.: *Cytospora* canker

Disease Rating: 4

Loc.: E (1)

*Dendrophoma* sp.: *Dendrophoma* wood colonizer

Disease Rating: 4

Loc.: NE (1)

*Dermea acerina* (Peck) Rehm: *Dermea* twig canker

Anamorph: *Sphaeronema acerinum* Peck

Disease Rating: 4

Loc.: NE (1), E (1)

*Diaporthe dubia* Nitschke: canker dieback

Anamorph: *Phomopsis* sp.

Disease Rating: 3

Loc.: NE (2)

*Acer saccharum* Marsh., sugar maple

*Diatrypella* sp.: dead-branch colonizer

Disease Rating: 4

Loc.: NE (1), SW (1)

*Diplodia* sp.: *Diplodia* twig dieback

Disease Rating: 3

Loc.: AL (1), E (1), C (1)

*Discula campestris* (Pass.) v. Arx: anthracnose

Syn.: *Gloeosporium campestrae* Pass.

Disease Rating: 3

Loc.: NE (5), AL (5), E (1), C (9), SW (6)

*Eutypella parasitica* Davidson & Lorenz: *Eutypella* canker

Disease Rating: 2

Loc.: NE (15), AL (31), E (5), C (10), SW (7)

*Fomes fomentarius* (L. : Fr.) Kickx: tinder fungus

Disease Rating: 4

Loc.: NE (1), AL (1), E (1)

*Ganoderma applanatum* (Pers.) Pat.: artist's conk

Syn.: *Fomes applanatus* (Pers.) C. Gillet

Syn.: *Polyporus applanatus* (Pers.) Wallr.

Disease Rating: 4

Loc.: NE (1), AL (1), C (3), SW (1)

*Geniculosporium* sp.: bark canker

Disease Rating: 3

Loc.: E (1)

*Hericium americanum* Ginns: bear's-head tooth fungus

Disease Rating: 4

Loc.: AL (1)

*Hymenochaete tabacina* (Sow. : Fr.) Lév.: tabacina wood rot

Disease Rating: 3

Loc.: AL (1)

*Inonotus glomeratus* (Peck) Murrill: sterile conk fungus

Syn.: *Polyporus glomeratus* Peck

Disease Rating: 3

Loc.: AL (1)

*Irpex lacteus* (Fr. : Fr.) Fr.: white-toothed polypore

Syn.: *Polyporus tulipiferae* (Schwein.) Overh.

Syn.: *Irpex tulipiferae* (Schwein.) Schwein.

Disease Rating: 4

Loc.: AL (1), C (1)

*Acer saccharum* Marsh., sugar maple

*Ischnoderma resinosum* (Schrad. : Fr.) P. Karsten: resinosus polypore

Syn.: *Polyporus resinosus* (Schrad. : Fr.) Fr.

Disease Rating: 4

Loc.: C (1)

*Macrophoma* sp.: leaf spot

Disease Rating: 3

Loc.: C (1)

*Marssonina* sp.: Marssonina leaf spot

Disease Rating: 3

Loc.: SW (1)

*Massaria inquinans* (Tode : Fr.) de Not.: dirty branch canker

Disease Rating: 4

Loc.: NE (1), C (1), SW (1)

*Nectria cinnabarina* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: NE (6), AL (1), E (7), C (5), SW (2)

*Nectria galligena* Bres.: target canker

Disease Rating: 2

Loc.: NE (1), SW (1)

*Oxyporus populinus* (Schumacher : Fr.) Donk: white spongy rot

Syn.: *Fomes connatus* (Weinm.) C. Gillet

Disease Rating: 4

Loc.: NE (4), AL (10), E (1), C (6), SW (2)

*Phellinus conchatus* (Pers. : Fr.) Quélet: moss-covered Phellinus

Syn.: *Fomes conchatus* (Pers. : Fr.) Gillet

Disease Rating: 4

Loc.: SW (1)

*Phellinus igniarius* (L. : Fr.) Quélet: false tinder fungus

Syn.: *Fomes igniarius* (L. : Fr.) Kickx

Disease Rating: 1

Loc.: NE (1), AL (2), C (1), SW (1)

*Pholiota adiposa* (Fr.) Kummer: fat Pholiota

Syn.: *Pholiota aurivella* (Batsch : Fr.) Kummer

Disease Rating: 4

Loc.: NE (1)

*Phomopsis* sp.: Phomopsis blight

Disease Rating: 3

Loc.: E (2)

*Acer saccharum* Marsh., sugar maple

*Phyllosticta minima* (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot

Syn.: *Phyllosticta acericola* Cooke & Ell.

Disease Rating: 3

Loc.: NE (3), AL (3), E (1), C (1), SW (4)

*Rhytisma acerinum* (Pers. : Fr.) Fr.: tar spot

Anamorph: *Melasmia acerina* Lév.

Disease Rating: 3

Loc.: NE (1)

*Rhytisma punctatum* (Pers. : Fr.) Fr.: speckled tar spot

Anamorph: *Melasmia punctata* Sacc. & Roum.

Disease Rating: 3

Loc.: NE (1), AL (1)

*Schizophyllum commune* Fr. : Fr.: split gill

Disease Rating: 3

Loc.: NE (1), E (3)

*Septoria aceris* (Lib.) Berk. & Broome: Septoria leaf spot

Disease Rating: 3

Loc.: NE (1)

*Sphaeropsis* sp.: Sphaeropsis dieback

Disease Rating: 3

Loc.: NE (1), E (1), C (1)

*Stegonsporium* sp.: maple twig fungus

Disease Rating: 4

Loc.: NE (1), AL (1), E (6), C (7), SW (5)

*Stegonsporium pyriforme* (Hoffm. : Fr.) Corda: maple twig fungus

Syn.: *Stilbospora ovata* Pers.

Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes

Disease Rating: 4

Loc.: NE (8), AL (4), E (17), C (27), SW (13)

*Trametes versicolor* (L. : Fr.) Pilát: turkey tail

Syn.: *Coriolus versicolor* (L. : Fr.) Quélet

Syn.: *Polyporus versicolor* L. : Fr.

Disease Rating: 4

Loc.: NE (1), AL (1)

*Ustilina deusta* (Hoffm. : Fr.) Lind: coal fungus

Syn.: *Hypoxyylon deustum* (Hoffm. : Fr.) Grev.

Disease Rating: 3

Loc.: NE (1), E (1), SW (2)

*Acer saccharum* Marsh., sugar maple

*Valsa sordida* Nitschke: golden-tendril Cytospora  
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.  
Disease Rating: 3  
Loc.: E (1)

*Verticillium* sp.: Verticillium wilt  
Disease Rating: 1  
Loc.: AL (2), E (7), C (7), SW (4)

*Verticillium albo-atrum* Reinke & Berth.: Verticillium wilt  
Disease Rating: 1  
Loc.: E (2), C (3), SW (2)

*Verticillium dahliae* Kleb.: Verticillium wilt  
Disease Rating: 1  
Loc.: AL (1), E (1), C (2), SW (1)

*Xylaria polymorpha* (Pers. : Fr.) Grev.: dead-man's fingers  
Disease Rating: 3  
Loc.: C (1)

*Acer spicatum* Lam., mountain maple

*Apiognomonia errabunda* (Roberge) Höhnle: anthracnose

Syn.: *Gnomonia errabunda* (Roberge) Auersw.

Syn.: *Gnomonia quercina* Kleb.

Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet

Syn.: *Gloeosporium umbrinellum* Berk. & Broome

Disease Rating: 2

Loc.: NE (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: E (1), SW (1)

*Hymenochaete agglutinans* Ellis: the gluer

Disease Rating: 3

Loc.: N (1)

*Hymenochaete tabacina* (Sow. : Fr.) Lév.: tabacina wood rot

Disease Rating: 3

Loc.: NC (1)

*Phyllosticta minima* (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot

Syn.: *Phyllosticta acericola* Cooke & Ell.

Disease Rating: 3

Loc.: SW (1)

*Rhytisma punctatum* (Pers. : Fr.) Fr.: speckled tar spot

Anamorph: *Melasmia punctata* Sacc. & Roum.

Disease Rating: 3

Loc.: NW (1), NC (3), N (12), NE (4)

*Uncinula circinata* Cooke & Peck: powdery mildew

Disease Rating: 2

Loc.: N (1)

*Ustilina deusta* (Hoffm. : Fr.) Lind: coal fungus

Syn.: *Hypoxyylon deustum* (Hoffm. : Fr.) Grev.

Disease Rating: 3

Loc.: N (1)

*Betula* spp., birch

*Cytospora* sp.: Cytospora canker.

Disease Rating: 3

Loc.: NE (1)

*Daedaleopsis confragosa* (Bolt. : Fr.) Schröter: curry comb

Syn.: *Daedalea confragosa* (Bolt. : Fr.) Fr.

Disease Rating: 4

Loc.: NE (1)

*Discula betulina* (Westend.) v. Arx: anthracnose

Syn.: *Gloeosporium betulinum* Westend.

Disease Rating: 3

Loc.: NE (1), C (1)

*Fomitopsis pinicola* (Swartz : Fr.) P. Karsten: red-belt fungus

Syn.: *Fomes pinicola* (Swartz : Fr.) Cooke

Disease Rating: 4

Loc.: NE (1)

*Ganoderma applanatum* (Pers.) Pat.: artist's conk

Syn.: *Fomes applanatus* (Pers.) C. Gillet

Syn.: *Polyporus applanatus* (Pers.) Wallr.

Disease Rating: 4

Loc.: NE (1)

*Ganoderma lucidum* (W. Curtis : Fr.) P. Karsten: lacquer conk

Syn.: *Ganoderma curtisii* (Berk.) Murrill

Disease Rating: 4

Loc.: NE (1)

*Gelatinosporium* sp.: branch canker

Disease Rating: 3

Loc.: NE (1)

*Melanconis stilbostoma* (Fr. : Fr.) Tul.: bicolor canker of birch

Anamorph: *Melanconium bicolor* Nees : Fr.

Disease Rating: 3

Loc.: NE (1), SW (1)

*Phoma* sp.: Phoma canker

Disease Rating: 3

Loc.: NE (1)

*Piptoporus betulinus* (Bull. : Fr.) P. Karsten: birch conk

Syn.: *Polyporus betulinus* (Bull. : Fr.) Fr.

Disease Rating: 4

Loc.: NE (1)

*Betula* spp., birch

*Septoria betulae* Pass.: leaf spot

Syn.: *Septoria betulicola* Peck

Disease Rating: 3

Loc.: NE (1), C (1)

*Trametes hirsuta* (Wulfen : Fr.) Pilát: hairy conk

Syn.: *Coriolus hirsutus* (Wulfen : Fr.) Quélet

Syn.: *Polyporus hirsutus* Wulfen : Fr.

Disease Rating: 4

Loc.: NE (1)

*Winterella betulae* (Tul. & C. Tul.) Kuntze: branch canker

Syn.: *Ophiovalsa betulae* (Tul. & C. Tul.)

Syn.: *Cytospora betulae* Tul. & C. Tul.

Disease Rating: 4

Loc.: N (1)

*Betula alleghaniensis* Britton, yellow birch

*Ascochyta* sp.: Ascochyta

Disease Rating: 3

Loc.: NE (1)

*Asterosporium betulinum* Peck: birch twig fungus

Disease Rating: 4

Loc.: NE (3), AL (1)

*Chapeckia nigrospora* (Peck) Barr: blackened branch canker

Syn.: *Melanconis nigrospora* (Peck) Wehmeyer

Disease Rating: 3

Loc.: SW (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: NE (2)

*Cytosporium* sp.: Cytosporium wood colonizer

Disease Rating: 4

Loc.: NE (2)

*Diaporthe* sp.: twig canker

Disease Rating: 3

Loc.: NE (1)

*Diatrypella* sp.: dead-branch colonizer

Disease Rating: 4

Loc.: NE (2)

*Diatrypella betulina* (Peck) Sacc.: dead-limb Diatrypella

Disease Rating: 4

Loc.: NE (2)

*Discula betulina* (Westend.) v. Arx: anthracnose

Syn.: *Gloeosporium betulinum* Westend.

Disease Rating: 3

Loc.: NE (2)

*Fomes fomentarius* (L. : Fr.) Kickx: tinder fungus

Disease Rating: 4

Loc.: NE (1)

*Gelatinosporium* sp.: branch canker

Disease Rating: 3

Loc.: NE (4)

*Betula alleghaniensis* Britton, yellow birch

*Libertella* sp.: wood-colonizing *Libertella*

Disease Rating: 4

Loc.: NE (2)

*Melanconis stilbostoma* (Fr. : Fr.) Tul.: bicolor canker of birch

Anamorph: *Melanconium bicolor* Nees : Fr.

Disease Rating: 3

Loc.: NE (12)

*Nectria galligena* Bres.: target canker

Disease Rating: 2

Loc.: NE (1)

*Ophiovalsa suffusa* (Fr. : Fr.) Petrak: twig canker

Anamorph: *Disculina betulina* (Sacc.) Höhnle

Syn.: *Cryptosporium neesii* Corda

Disease Rating: 4

Loc.: NE (1)

*Phellinus ferruginosus* (Schrader : Fr.) Pat.: white laminated rotter

Syn.: *Poria ferruginosa* (Schrader : Fr.) P. Karsten

Disease Rating: 4

Loc.: NE (1)

*Phellinus igniarius* (L. : Fr.) Quélet: false tinder fungus

Syn.: *Fomes igniarius* (L. : Fr.) Kickx

Disease Rating: 1

Loc.: NE (1)

*Pholiota squarrosoides* (Peck) Sacc.: sharp-scaled Pholiota

Disease Rating: 4

Loc.: NE (1)

*Phoma* sp.: Phoma canker

Disease Rating: 3

Loc.: NE (2)

*Phomopsis* sp.: Phomopsis blight

Disease Rating: 3

Loc.: NE (1)

*Septoria betulae* Pass.: leaf spot

Syn.: *Septoria betulicola* Peck

Disease Rating: 3

Loc.: NE (1)

*Valsaria insitiva* (Tode : Fr.) Ces. & de Not.: long-necked Valsaria

Disease Rating: 4

Loc.: SW (1)

*Betula alleghaniensis* Britton, yellow birch

*Verticillium* sp.: Verticillium wilt

Disease Rating: 1

Loc.: NE (1)

*Betula caerulea-grandis* Blanch., blueleaf birch

*Marssonina betulae* (Lib.) Magnus: Marssonina leaf spot on birch

Disease Rating: 3

Loc.: SW (1)

*Stereum* sp.: Stereum wood rotter

Disease Rating: 3

Loc.: SW (1)

*Betula glandulosa* Michx., dwarf birch

*Marssonina betulae* (Lib.) Magnus: Marssonina leaf spot on birch

Disease Rating: 3

Loc.: C (1)

*Betula papyrifera* Marsh., white birch

*Aposphaeria* sp.: *Aposphaeria*

Disease Rating: 4

Loc.: NE (1)

*Armillaria mellea* (Vahl : Fr.) Kummer: Armillaria root rot

Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten

Disease Rating: 1

Loc.: NW (1)

*Asteroma microspermum* (Peck) B. Sutton: leaf spot

Syn.: *Cylindrosporella microsperma* (Peck) Petrak

Disease Rating: 3

Loc.: NE (1), AL (1)

*Asteroспорium betulinum* Peck: birch twig fungus

Disease Rating: 4

Loc.: SW (1)

*Atopospora betulina* (Fr. : Fr.) Petrak: black speckled leaf spot

Disease Rating: 3

Loc.: NW (4), NC (1)

*Aureobasidium* sp.: leaf spot

Syn.: *Kabatiella* sp.

Disease Rating: 3

Loc.: NW (1)

*Cephalosporium* sp.: Cephalosporium wilt

Disease Rating: 2

Loc.: NE (1)

*Ceratocystis* sp.: blue stain

Disease Rating: 3

Loc.: N (1)

*Cerrena unicolor* (Bull. : Fr.) Murrill: mossy-maze polypore

Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.

Disease Rating: 3

Loc.: N (1)

*Cladosporium* sp.: leaf spot

Syn.: *Hormodendrum* sp.

Disease Rating: 3

Loc.: E (1)

*Coniothyrium* sp.: twig canker

Disease Rating: 4

Loc.: NE (1)

*Betula papyrifera* Marsh., white birch

*Cylindrosporium* sp.: Cylindrosporium leaf spot

Disease Rating: 3

Loc.: NW (1), N (1), NE (2)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: C (1)

*Cytosporium* sp.: Cytosporium wood colonizer

Disease Rating: 4

Loc.: NE (1)

*Daedaleopsis confragosa* (Bolt. : Fr.) Schröter: curry comb

Syn.: *Daedalea confragosa* (Bolt. : Fr.) Fr.

Disease Rating: 4

Loc.: C (1)

*Daldinia concentrica* (Bolt. : Fr.) Ces. & de Not.: calico wood fungus

Disease Rating: 4

Loc.: NE (1)

*Diatrypella* sp.: dead-branch colonizer

Disease Rating: 4

Loc.: C (1), SW (1)

*Diatrypella betulina* (Peck) Sacc.: dead-limb Diatrypella

Disease Rating: 4

Loc.: NC (1), C (1), SW (2)

*Diatrypella favacea* (Fr. : Fr.) Ces. & de Not.: dead-limb Diatrypella

Disease Rating: 4

Loc.: C (1)

*Dichomera* sp.: dead-branch Dichomera

Disease Rating: 4

Loc.: SW (1)

*Discula betulinina* (Westend.) v. Arx: anthracnose

Syn.: *Gloeosporium betulinum* Westend.

Disease Rating: 3

Loc.: NC (1), N (3), NE (2), AL (3), E (1), C (3), SW (1)

*Dothiorella* sp.: branch canker

Disease Rating: 3

Loc.: NW (2)

*Betula papyrifera* Marsh., white birch

*Fomes fomentarius* (L. : Fr.) Kickx: tinder fungus

Disease Rating: 4

Loc.: NW (7), N (3), NE (2), C (1)

*Ganoderma applanatum* (Pers.) Pat.: artist's conk

Syn.: *Fomes applanatus* (Pers.) C. Gillet

Syn.: *Polyporus applanatus* (Pers.) Wallr.

Disease Rating: 4

Loc.: NW (1)

*Gnomonia* sp.: leaf spot

Disease Rating: 3

Loc.: NW (4), NE (1)

*Godronia cassandrae* Peck f. sp. *betulicola* Groves: Godronia canker

Disease Rating: 1

Loc.: NE (1)

*Hemimyriangium betulae* J. Reid & Piroz.: gum colonizer on birch

Disease Rating: 4

Loc.: NW (2), NC (2), E (1)

*Inonotus obliquus* (Pers. : Fr.) Pilát: clinker polypore

Syn.: *Poria obliqua* (Pers. : Fr.) P. Karsten

Disease Rating: 3

Loc.: NW (3), N (4), NE (1), AL (1), SW (1)

*Lenzites betulina* (L. : Fr.) Fr.: little birch shelf

Disease Rating: 4

Loc.: N (2)

*Libertella* sp.: wood-colonizing Libertella

Disease Rating: 4

Loc.: NW (1), NE (1)

*Melampsoridium betulinum* Kleb.: birch rust

Syn.: *Melampsora betulina* Winter

Disease Rating: 3

Loc.: NC (4), C (1)

*Melanconis stilbostoma* (Fr. : Fr.) Tul.: bicolor canker of birch

Anamorph: *Melanconium bicolor* Nees : Fr.

Disease Rating: 3

Loc.: NC (1), NE (5), E (1), C (1)

*Nectria cinnabarina* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: NE (1)

*Betula papyrifera* Marsh., white birch

*Phellinus igniarius* (L. : Fr.) Quélet: false tinder fungus

Syn.: *Fomes igniarius* (L. : Fr.) Kickx

Disease Rating: 1

Loc.: NC (1), N (2), NE (1), C (1)

*Phoma* sp.: Phoma canker

Disease Rating: 3

Loc.: NE (1)

*Phyllactinia guttata* (Wallr. : Fr.) Lév.: powdery mildew

Syn.: *Phyllactinia corylea* (Pers.) P. Karsten

Disease Rating: 2

Loc.: NW (1), N (1), C (1)

*Piptoporus betulinus* (Bull. : Fr.) P. Karsten: birch conk

Syn.: *Polyporus betulinus* (Bull. : Fr.) Fr.

Disease Rating: 4

Loc.: NW (2), N (1), NE (2), AL (2)

*Pleurotus ostreatus* (Jacq. : Fr.) Kummer: oyster-shell fungus

Disease Rating: 4

Loc.: AL (1)

*Septoria betulae* Pass.: leaf spot

Syn.: *Septoria betulicola* Peck

Disease Rating: 3

Loc.: NC (4), NE (10), AL (5), E (1)

*Trametes pubescens* (Schumacher : Fr.) Pilát: pubescent conk

Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet

Syn.: *Polyporus pubescens* Schumacher : Fr.

Disease Rating: 4

Loc.: NE (1)

*Winterella betulae* (Tul. & C. Tul.) Kuntze: branch canker

Syn.: *Ophiovalsa betulae* (Tul. & C. Tul.)

Syn.: *Cytospora betulae* Tul. & C. Tul.

Disease Rating: 4

Loc.: C (1)

*Betula papyrifera* Marsh. var. *pensilis* Fern., pendant birch

*Ascochyta* sp.: *Ascochyta*

Disease Rating: 3

Loc.: NE (1)

*Melanconis stilbostoma* (Fr. : Fr.) Tul.: bicolor canker of birch

Anamorph: *Melanconium bicolor* Nees : Fr.

Disease Rating: 3

Loc.: E (1)

*Betula pendula* Roth, weeping birch

*Cylindrosporium* sp.: Cylindrosporium leaf spot

Disease Rating: 3

Loc.: C (1)

*Libertella* sp.: wood-colonizing Libertella

Disease Rating: 4

Loc.: NE (1)

*Melanconis stilbostoma* (Fr. : Fr.) Tul.: bicolor canker of birch

Anamorph: *Melanconium bicolor* Nees : Fr.

Disease Rating: 3

Loc.: C (1)

*Nectria cinnabarinna* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: C (1)

*Ophiovalsa suffusa* (Fr. : Fr.) Petrak: twig canker

Anamorph: *Disculina betulina* (Sacc.) Höhnle

Syn.: *Cryptosporium neesii* Corda

Disease Rating: 4

Loc.: NE (1)

*Winterella betulae* (Tul. & C. Tul.) Kuntze: branch canker

Syn.: *Ophiovalsa betulae* (Tul. & C. Tul.)

Syn.: *Cytospora betulae* Tul. & C. Tul.

Disease Rating: 4

Loc.: NE (1)

*Betula populifolia* Marsh., gray birch

*Melampsoridium betulinum* Kleb.: birch rust

Syn: *Melampsora betulina* Winter

Disease Rating: 3

Loc.: E (1)

*Populus spp.*, poplar

*Aureobasidium* sp.: leaf spot

Syn.: *Kabatiella* sp.

Disease Rating: 3

Loc.: E (1)

*Bjerkandera adusta* (Willd. : Fr.) P. Karsten: scorched conk fungus

Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.

Disease Rating: 4

Loc.: NE (1), E (1)

*Cephalosporium* sp.: Cephalosporium wilt

Disease Rating: 2

Loc.: E (1)

*Ciborinia whetzelii* (Seaver) Seaver: ink spot of aspen

Disease Rating: 2

Loc.: NC (1), N (1), NE (2), AL (4), E (1)

*Cladosporium* sp.: leaf spot

Syn.: *Hormodendrum* sp.

Disease Rating: 3

Loc.: E (1), SW (1)

*Cryptodiaporthe populea* (Sacc.) Butin: Dothichiza canker

Anamorph: *Discosporium populeum* (Sacc.) B. Sutton

Syn.: *Dothichiza populea* Sacc. & Briard

Disease Rating: 1

Loc.: NW (1), E (6), C (1), SW (2)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: NC (1), NE (4), AL (6), E (6), C (2)

*Drepanopeziza populorum* (Desm.) Höhn: poplar leaf spot

Anamorph: *Marssonina populi* (Lib.) Magnus

Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.

Disease Rating: 3

Loc.: E (2), C (3), SW (1)

*Encoelia fascicularis* (Alb. & Schwein. : Fr.) P. Karsten: poplar twig Encoelia

Syn.: *Phibalis fascicularis* (Alb. & Schwein. : Fr.) Wallr.

Syn.: *Cenangium populneum* (Pers.) Rehm

Disease Rating: 4

Loc.: E (1)

*Populus* spp., poplar

*Gloeosporium* sp.: anthracnose

Disease Rating: 2

Loc.: AL (3), E (3), SW (1)

*Glomerella cingulata* (Stoneman) Spauld. & Schrenk: twig dieback  
Anamorph: *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc.

Disease Rating: 3

Loc.: E (1)

*Hericium americanum* Ginns: bear's-head tooth fungus

Disease Rating: 4

Loc.: E (1)

*Hypoxyylon mammatum* (Wahlenb.) P. Karsten: Hypoxyylon canker

Syn.: *Hypoxyylon pruinatum* (Klotzch) Cooke

Disease Rating: 1

Loc.: NW (1), NC (1), NE (2)

*Irpex lacteus* (Fr. : Fr.) Fr.: white-toothed polypore

Syn.: *Polyporus tulipiferae* (Schwein.) Overh.

Syn.: *Irpex tulipiferae* (Schwein.) Schwein.

Disease Rating: 4

Loc.: E (1)

*Keissleriella emergens* (P. Karsten) Bose: rough-bark fungus

Anamorph: *Diplodia tumefaciens* (Shear) Zalasky

Syn.: *Macrophoma tumefaciens* Shear

Disease Rating: 3

Loc.: E (3)

*Leucostoma nivea* (Hoffm. : Fr.) Höhnle: Cytospora canker

Syn.: *Valsa nivea* (Hoffm. : Fr.) Fr.

Anamorph: *Cytospora nivea* Sacc.

Disease Rating: 3

Loc.: AL (1), E (8)

*Libertella* sp.: wood-colonizing *Libertella*

Disease Rating: 4

Loc.: C (1)

*Marssonina* sp.: Marssonina leaf spot

Disease Rating: 3

Loc.: NE (1), E (3)

*Populus spp., poplar*

*Marssonina tremulae* (Lib.) Kleb.: poplar Marssonina

Syn.: *Marssonina brunnea* (Ell. & Ev.) Magnus

Syn.: *Gloeosporium brunneum* Ell. & Ev.

Disease Rating: 3

Loc.: AL (3), E (10), C (2), SW (1)

*Melampsora medusae* Thüm.: conifer-aspen rust

Disease Rating: 2

Loc.: N (1), AL (1), E (9), C (1)

*Melanconium* sp.: branch canker

Disease Rating: 3

Loc.: E (1)

*Mycosphaerella populicola* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria populicola* Peck

Disease Rating: 2

Loc.: NW (1), NE (1), E (1)

*Mycosphaerella populorum* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria musiva* Peck

Disease Rating: 2

Loc.: N (1), E (1), SW (1)

*Peniophora rufa* (Fr. : Fr.) Boidin: red Peniophora

Syn.: *Cryptochaete rufa* (Fr. : Fr.) P. Karsten

Disease Rating: 4

Loc.: NE (2)

*Phellinus tremulae* (Bondartsev) Bondartsev & Borisov: false tinder fungus

Syn.: *Fomes igniarius* (L. : Fr.) Kickx f. sp. *tremulae* Bondartsev

Disease Rating: 4

Loc.: NW (1), NE (1)

*Phyllosticta* sp.: leaf spot

Disease Rating: 3

Loc.: AL (3)

*Pleurotus ostreatus* (Jacq. : Fr.) Kummer: oyster-shell fungus

Disease Rating: 4

Loc.: NE (1)

*Radulodon americanus* Ryv.: white spongy rot

Disease Rating: 3

Loc.: NC (1)

*Populus* spp., poplar

*Trichaptum biforme* (Fr.) Ryv.: violet-toothed polypore

Syn.: *Polyporus biformis* Fr.

Syn.: *Polystictus targamenus* (Fr.) Fr.

Disease Rating: 4

Loc.: NE\* (1)

*Uncinula adunca* (Wallr. : Fr.) Lév.: powdery mildew

Syn.: *Uncinula salicis* (DC.) Winter

Disease Rating: 2

Loc.: N (1), NE (2)

*Valsa* sp.: stem canker

Disease Rating: 3

Loc.: SW (1)

*Valsa sordida* Nitschke: golden-tendril Cytospora

Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.

Disease Rating: 3

Loc.: NC (1), N (1), AL (5), E (13), C (5), SW (1)

*Venturia macularis* (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen

Syn.: *Sphaeria macularis* Fr.

Syn.: *Venturia tremulae* Aderh.

Anamorph: *Pollacia radiosa* (Lib.) Bald. & Cif.

Disease Rating: 2

Loc.: NW (2), NC (2), NE (2), E (2)

*Verticillium* sp.: Verticillium wilt

Disease Rating: 1

Loc.: E (1)

*Populus alba* L., silver poplar

*Agrobacterium tumefaciens* (Smith & Townsend) Conn: crown gall

Disease Rating: 1

Loc.: C (2)

*Cryptodiaporthe populea* (Sacc.) Butin: Dothichiza canker

Anamorph: *Discosporium populeum* (Sacc.) B. Sutton

Syn.: *Dothichiza populea* Sacc. & Briard

Disease Rating: 1

Loc.: SW (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: NC (1)

*Cytosporella* sp.: Cytosporella canker

Disease Rating: 4

Loc.: SW (1)

*Drepanopeziza populi-albae* (Kleb.) Nannf.: white poplar leaf spot

Anamorph: *Marssonina castagnei* (Desm. & Mont.) Magnus

Syn.: *Gloeosporium castagnei* Desm. & Mont.

Disease Rating: 3

Loc.: AL (2), E (1), C (1), SW (1)

*Inonotus glomeratus* (Peck) Murrill: sterile conk fungus

Syn.: *Polyporus glomeratus* Peck

Disease Rating: 3

Loc.: NC (1)

*Marssonina* sp.: Marssonina leaf spot

Disease Rating: 3

Loc.: SW (1)

*Melampsora medusae* Thüm.: conifer-aspen rust

Disease Rating: 2

Loc.: AL (1)

*Melanconium* sp.: branch canker

Disease Rating: 3

Loc.: SW (1)

*Valsa sordida* Nitschke: golden-tendril Cytospora

Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.

Disease Rating: 3

Loc.: AL (3)

*Populus alba* L., silver poplar

*Venturia macularis* (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen

Syn.: *Sphaeria macularis* Fr.

Syn.: *Venturia tremulae* Aderh.

Anamorph: *Pollacia radiosa* (Lib.) Bald. & Cif.

Disease Rating: 2

Loc.: NE (1)

*Populus balsamifera* L., balsam poplar

*Ciborinia whetzelii* (Seaver) Seaver: ink spot of aspen

Disease Rating: 2

Loc.: SW (1)

*Cryptodiaporthe populea* (Sacc.) Butin: Dothichiza canker

Anamorph: *Discosporium populeum* (Sacc.) B. Sutton

Syn.: *Dothichiza populea* Sacc. & Briard

Disease Rating: 1

Loc.: C (1)

*Cylindrosporium* sp.: Cylindrosporium leaf spot

Disease Rating: 3

Loc.: NE (1), E (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: E (1), C (2), SW (1)

*Drepanopeziza populorum* (Desm.) Höhnle: poplar leaf spot

Anamorph: *Marssonina populi* (Lib.) Magnus

Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.

Disease Rating: 3

Loc.: NC (1), AL (1), E (1), C (2)

*Gloeophyllum trabeum* (Pers. : Fr.) Murrill: forest-products Lenzites

Syn.: *Lenzites trabea* (Pers. : Fr.) Fr.

Disease Rating: 4

Loc.: NE (1)

*Gloeosporium* sp.: anthracnose

Disease Rating: 2

Loc.: NW (1)

*Glomerella cingulata* (Stoneman) Spauld. & Schrenk: twig dieback

Anamorph: *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc.

Disease Rating: 3

Loc.: N (1)

*Keissleriella emergens* (P. Karsten) Bose: rough-bark fungus

Anamorph: *Diplodia tumefaciens* (Shear) Zalasky

Syn.: *Macrophoma tumefaciens* Shear

Disease Rating: 3

Loc.: NW (1), NC (1)

*Linospora tetraspora* G.E. Thompson: Linospora leaf blight

Disease Rating: 3

Loc.: NW (4), NC (6), N (21), AL (10), E (8), C (3), SW (1)

*Populus balsamifera* L., balsam poplar

*Melampsora medusae* Thüm.: conifer-aspen rust

Disease Rating: 2

Loc.: AL (1)

*Melanconium* sp.: branch canker

Disease Rating: 3

Loc.: N (1)

*Mycosphaerella populicola* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria populicola* Peck

Disease Rating: 2

Loc.: NW (14), NC (19), N (22), NE (5), AL (8), E (10), C (17), SW (4)

*Mycosphaerella populorum* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria musiva* Peck

Disease Rating: 2

Loc.: NW (1), NC (5), N (7), NE (1), AL (4), E (3), C (1)

*Phyllosticta* sp.: leaf spot

Disease Rating: 3

Loc.: AL (1), C (1)

*Pseudocercospora salicina* (Ell. & Ev.) Deighton: Cercospora leaf spot

Syn.: *Cercospora salicina* Ell. & Ev.

Disease Rating: 3

Loc.: NW (1)

*Septoria* sp.: Septoria leaf spot

Disease Rating: 3

Loc.: NW (1), NC (1), N (3), NE (3), AL (1), C (3), SW (1)

*Uncinula adunca* (Wallr. : Fr.) Lév.: powdery mildew

Syn.: *Uncinula salicis* (DC.) Winter

Disease Rating: 2

Loc.: NW (1), NC (1), N (5), NE (3), AL (5), E (3), C (6), SW (1)

*Valsa* sp.: stem canker

Disease Rating: 3

Loc.: NC (1), SW (1)

*Valsa sordida* Nitschke: golden-tendril Cytospora

Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.

Disease Rating: 3

Loc.: N (3), NE (3), AL (1), C (3), SW (2)

*Populus balsamifera* L., balsam poplar

*Venturia populina* (Vuill.) Fabricius: shoot blight

Anamorph: *Pollacia elegans* Servazzi

Disease Rating: 2

Loc.: NW (11), NC (8), N (19), NE (8), AL (7), E (1), SW (3)

*Populus X canadensis* Moench, Carolina poplar

*Cephalosporium* sp.: Cephalosporium wilt

Disease Rating: 2

Loc.: AL (1)

*Ciborinia whetzelii* (Seaver) Seaver: ink spot of aspen

Disease Rating: 2

Loc.: SW (1)

*Cryptodiaporthe populea* (Sacc.) Butin: Dothichiza canker

Anamorph: *Discosporium populeum* (Sacc.) B. Sutton

Syn.: *Dothichiza populea* Sacc. & Briard

Disease Rating: 1

Loc.: AL (3), E (2)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: NW (1), NE (1)

*Drepanopeziza populorum* (Desm.) Höhnel: poplar leaf spot

Anamorph: *Marssonina populi* (Lib.) Magnus

Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.

Disease Rating: 3

Loc.: E (1), C (1)

*Gloeosporium* sp.: anthracnose

Disease Rating: 2

Loc.: SW (1)

*Libertella* sp.: wood-colonizing *Libertella*

Disease Rating: 4

Loc.: AL (1)

*Mycosphaerella populorum* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria musiva* Peck

Disease Rating: 2

Loc.: SW (1)

*Peniophora rufa* (Fr. : Fr.) Boidin: red Peniophora

Syn.: *Cryptochaete rufa* (Fr. : Fr.) P. Karsten

Disease Rating: 4

Loc.: E (1)

*Phaeoramularia maculicola* (Romell & Sacc.) B. Sutton: poplar leaf spot

Syn.: *Cladosporium subsessile* Ell. & Barth.

Disease Rating: 3

Loc.: SW (1)

*Populus X canadensis* Moench, Carolina poplar

*Valsa sordida* Nitschke: golden-tendril Cytospora  
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.  
Disease Rating: 3  
Loc.: AL (1), E (1), C (1)

*Venturia macularis* (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen  
Syn.: *Sphaeria macularis* Fr.  
Syn.: *Venturia tremulae* Aderh.  
Anamorph: *Pollacia radiososa* (Lib.) Bald. & Cif.  
Disease Rating: 2  
Loc.: AL (1), E (3), SW (1)

*Populus deltoides* Bartr., eastern cottonwood

*Melampsora medusae* Thüm.: conifer-aspen rust  
Disease Rating: 2  
Loc.: AL (2), C (1), SW (2)

*Mycosphaerella populincola* G.E. Thompson: Septoria leaf spot  
Anamorph: *Septoria populincola* Peck  
Disease Rating: 2  
Loc.: SW (1)

*Valsa sordida* Nitschke: golden-tendril Cytospora  
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.  
Disease Rating: 3  
Loc.: AL (1), E (1)

*Venturia macularis* (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen  
Syn.: *Sphaeria macularis* Fr.  
Syn.: *Venturia tremulae* Aderh.  
Anamorph: *Pollacia radiososa* (Lib.) Bald. & Cif.  
Disease Rating: 2  
Loc.: SW (1)

*Populus grandidentata* Michx., largetooth aspen

*Aureobasidium* sp.: leaf spot

Syn.: *Kabatiella* sp.

Disease Rating: 3

Loc.: AL (1)

*Bjerkandera adusta* (Willd. : Fr.) P. Karsten: scorched conk fungus

Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.

Disease Rating: 4

Loc.: AL (1)

*Cerrena unicolor* (Bull. : Fr.) Murrill: mossy-maze polypore

Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.

Disease Rating: 3

Loc.: AL (1)

*Coniothyrium* sp.: twig canker

Disease Rating: 4

Loc.: SW (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: AL (3), E (1), SW (2)

*Daldinia concentrica* (Bolt. : Fr.) Ces. & de Not.: calico wood fungus

Disease Rating: 4

Loc.: AL (1)

*Drepanopeziza populorum* (Desm.) Höhn: poplar leaf spot

Anamorph: *Marssonina populi* (Lib.) Magnus

Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.

Disease Rating: 3

Loc.: C (1)

*Encoelia pruinosa* (Ell. & Ev.) Torkelson & Eckblad: black sooty bark canker

Syn.: *Phitalis pruinosa* (Ell. & Ev.) Kohn & Korf

Syn.: *Cenangium pruinatum* (Ell. & Ev.) Seaver

Disease Rating: 3

Loc.: AL (1)

*Ganoderma applanatum* (Pers.) Pat.: artist's conk

Syn.: *Fomes applanatus* (Pers.) C. Gillet

Syn.: *Polyporus applanatus* (Pers.) Wallr.

Disease Rating: 4

Loc.: NE (1)

*Populus grandidentata* Michx., largetooth aspen

*Heterobasidion annosum* (Fr.) Bref.: Fomes root rot

Syn.: *Fomes annosus* (Fr.) P. Karsten

Anamorph: *Spiniger meineckellus* (A. Olson) Stalpers

Disease Rating: 1

Loc.: C (1)

*Hypoxyylon mammatum* (Wahlenb.) P. Karsten: Hypoxylon canker

Syn.: *Hypoxyylon pruinatum* (Klotzsch) Cooke

Disease Rating: 1

Loc.: E (1), SW (3)

*Leucostoma nivea* (Hoffm. : Fr.) Höhnle: Cytospora canker

Syn.: *Valsa nivea* (Hoffm. : Fr.) Fr.

Anamorph: *Cytospora nivea* Sacc.

Disease Rating: 3

Loc.: SW (1)

*Marssonina* sp.: Marssonina leaf spot

Disease Rating: 3

Loc.: AL (2)

*Marssonina tremulae* (Lib.) Kleb.: poplar Marssonina

Syn.: *Marssonina brunnea* (Ell. & Ev.) Magnus

Syn.: *Gloeosporium brunneum* Ell. & Ev.

Disease Rating: 3

Loc.: AL (1)

*Melampsora abietis-canadensis* C.A. Ludwig ex Arthur: hemlock-poplar rust

Disease Rating: 3

Loc.: E (3)

*Mycosphaerella populorum* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria musiva* Peck

Disease Rating: 2

Loc.: AL (1)

*Nectria cinnabarinna* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tuberularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: SW (1)

*Phellinus tremulae* (Bondartsev) Bondartsev & Borisov: false tinder fungus

Syn.: *Fomes igniarius* (L. : Fr.) Kickx f. sp. *tremulae* Bondartsev

Disease Rating: 4

Loc.: AL (1), E (1)

*Populus grandidentata* Michx., largetooth aspen

*Phomopsis* sp.: Phomopsis blight

Disease Rating: 3

Loc.: AL (1)

*Pleurotus ostreatus* (Jacq. : Fr.) Kummer: oyster-shell fungus

Disease Rating: 4

Loc.: AL (1)

*Septoria* sp.: Septoria leaf spot

Disease Rating: 3

Loc.: AL (1)

*Stereum* sp.: Stereum wood rotter

Disease Rating: 3

Loc.: AL (1)

*Trametes hirsuta* (Wulfen : Fr.) Pilát: hairy conk

Syn.: *Coriolus hirsutus* (Wulfen : Fr.) Quélet

Syn.: *Polyporus hirsutus* Wulfen : Fr.

Disease Rating: 4

Loc.: AL (1)

*Trametes pubescens* (Schumacher : Fr.) Pilát: pubescent conk

Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet

Syn.: *Polyporus pubescens* Schumacher : Fr.

Disease Rating: 4

Loc.: AL (1)

*Trametes versicolor* (L. : Fr.) Pilát: turkey tail

Syn.: *Coriolus versicolor* (L. : Fr.) Quélet

Syn.: *Polyporus versicolor* L. : Fr.

Disease Rating: 4

Loc.: AL (1)

*Uncinula adunca* (Wallr. : Fr.) Lév.: powdery mildew

Syn.: *Uncinula salicis* (DC.) Winter

Disease Rating: 2

Loc.: AL (1)

*Valsa* sp.: stem canker

Disease Rating: 3

Loc.: AL (1)

*Valsa sordida* Nitschke: golden-tendril Cytospora

Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.

Disease Rating: 3

Loc.: SW (1)

*Populus grandidentata* Michx., largetooth aspen

*Venturia macularis* (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen

Syn.: *Sphaeria macularis* Fr.

Syn.: *Venturia tremulae* Aderh.

Anamorph: *Pollacia radiosua* (Lib.) Bald. & Cif.

Disease Rating: 2

Loc.: NW (4), N(1), NE (12), AL (1), E (2), C (1), SW (4)

*Populus nigra* L. var. *italica* Muenchh., Lombardy poplar

*Ciborinia whetzelii* (Seaver) Seaver: ink spot of aspen

Disease Rating: 2

Loc.: AL (2), C (1), SW(1)

*Coniothyrium* sp.: twig canker

Disease Rating: 4

Loc.: E(1)

*Cryptodiaporthe populea* (Sacc.) Butin: *Dothichiza* canker

Anamorph: *Discosporium populeum* (Sacc.) B. Sutton

Syn.: *Dothichiza populea* Sacc. & Briard

Disease Rating: 1

Loc.: N (1), AL (4), E (4), C (5), SW (3)

*Cytospora* sp.: *Cytospora* canker

Disease Rating: 3

Loc.: E (2), C (1), SW (1)

*Leucostoma nivea* (Hoffm. : Fr.) Höhnel: *Cytospora* canker

Syn.: *Valsa nivea* (Hoffm. : Fr.) Fr.

Anamorph: *Cytospora nivea* Sacc.

Disease Rating: 3

Loc.: N (1), C (3)

*Melampsora medusae* Thüm.: conifer-aspen rust

Disease Rating: 2

Loc.: NW (1)

*Melanconium* sp.: branch canker

Disease Rating: 3

Loc.: C (1)

*Nectria cinnabarinina* (Tode : Fr.) Fr.: *Nectria* canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: SW (1)

*Valsa sordida* Nitschke: golden-tendril *Cytospora*

Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.

Disease Rating: 3

Loc.: NW (1), AL (1), E (1), C (1)

*Venturia macularis* (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen

Syn.: *Sphaeria macularis* Fr.

Syn.: *Venturia tremulae* Aderh.

Anamorph: *Pollacia radiosua* (Lib.) Bald. & Cif.

Disease Rating: 2

Loc.: N (1), AL (1)

*Populus tremuloides* Michx., trembling aspen

*Armillaria mellea* (Vahl : Fr.) Kummer: Armillaria root rot

Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten

Disease Rating: 1

Loc.: NC (2)

*Asteroma* sp.: leaf spot

Disease Rating: 2

Loc.: NC (1)

*Bjerkandera adusta* (Willd. : Fr.) P. Karsten: scorched conk fungus

Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.

Disease Rating: 4

Loc.: NW (1)

*Cephalosporium* sp.: Cephalosporium wilt

Disease Rating: 2

Loc.: NE (1)

*Ceratocystis fimbriata* Ellis & Halsted: poplar target canker

Disease Rating: 2

Loc.: N (1)

*Ciborinia whetzelii* (Seaver) Seaver: ink spot of aspen

Disease Rating: 2

Loc.: NW (27), NC (43), N (128), NE (157), AL (62), E (24), C (17), SW (6)

*Cladosporium* sp.: leaf spot

Syn.: *Hormodendrum* sp.

Disease Rating: 3

Loc.: N (1), NE (1)

*Cryptodiaporthe populea* (Sacc.) Butin: Dothichiza canker

Anamorph: *Discosporium populeum* (Sacc.) B. Sutton

Syn.: *Dothichiza populea* Sacc. & Briard

Disease Rating: 1

Loc.: E (1)

*Cylindrosporium populinum* (Peck) Vassilj.: populinum leaf spot

Disease Rating: 3

Loc.: N (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Loc.: NW (4), NC (1), N (7), NE (2), AL (2), C (3), SW (2)

*Populus tremuloides* Michx., trembling aspen

*Cytospora* sp.: Cytospora canker

Disease Rating: 4

Loc.: NC (1)

*Diplodina* sp.: Diplodina leaf spot

Disease Rating: 3

Loc.: N (1)

*Dothiorella* sp.: branch canker

Disease Rating: 3

Loc.: N (1)

*Drepanopeziza populorum* (Desm.) Höhn: poplar leaf spot

Anamorph: *Marssonina populi* (Lib.) Magnus

Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.

Disease Rating: 3

Loc.: NW (1), N (4), NE (1), C (2)

*Fomes fomentarius* (L. : Fr.) Kickx: tinder fungus

Disease Rating: 4

Loc.: NC (1), N (1), NE (1)

*Fomitopsis pinicola* (Swartz : Fr.) P. Karsten: red-belt fungus

Syn.: *Fomes pinicola* (Swartz : Fr.) Cooke

Disease Rating: 4

Loc.: NW (1), NC (1)

*Ganoderma applanatum* (Pers.) Pat.: artist's conk

Syn.: *Fomes applanatus* (Pers.) C. Gillet

Syn.: *Polyporus applanatus* (Pers.) Wallr.

Disease Rating: 4

Loc.: NC (1), N (1), AL (1)

*Gelatinosporium* sp.: branch canker

Disease Rating: 3

Loc.: AL (1)

*Gloeosporium* sp.: anthracnose

Disease Rating: 2

Loc.: N (1), NE (1)

*Glomerella cingulata* (Stoneman) Spauld. & Schrenk: twig dieback

Anamorph: *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc.

Disease Rating: 3

Loc.: N (1)

*Populus tremuloides* Michx., trembling aspen

*Guignardia populi* G.E. Thompson: leaf blight

Anamorph: *Septogloeum rhopaloideum* Dearn. & Bisby

Disease Rating: 3

Loc.: N (1)

*Hymenochaete agglutinans* Ellis: the gluer

Disease Rating: 3

Loc.: AL (1)

*Hypoxyylon mammatum* (Wahlenb.) P. Karsten: Hypoxylon canker

Syn.: *Hypoxyylon pruinatum* (Klotzch) Cooke

Disease Rating: 1

Loc.: NW (22), NC (32), N (36), NE (48), AL (17), E (7), C (8), SW (8)

*Hypoxyylon mediterraneum* (de Not.) J.H. Miller: coal fungus

Disease Rating: 4

Loc.: NW (2), NC (1)

*Inonotus dryophilus* (Berk.) Murrill: piped rotter

Syn.: *Polyporus dryophilus* Berk.

Disease Rating: 4

Loc.: AL (1)

*Keissleriella emergens* (P. Karsten) Bose: rough-bark fungus

Anamorph: *Diplodia tumefaciens* (Shear) Zalasky

Syn.: *Macrophoma tumefaciens* Shear

Disease Rating: 3

Loc.: NW (2), AL (1)

*Leucostoma nivea* (Hoffm. : Fr.) Höhnle: Cytospora canker

Syn.: *Valsa nivea* (Hoffm. : Fr.) Fr.

Anamorph: *Cytospora nivea* Sacc.

Disease Rating: 3

Loc.: NW (1), NC (1), N (2), C (1)

*Marssonina* sp.: Marssonina leaf spot

Disease Rating: 3

Loc.: N (3)

*Marssonina tremulae* (Lib.) Kleb.: poplar Marssonina

Syn.: *Marssonina brunnea* (Ell. & Ev.) Magnus

Syn.: *Gloeosporium brunneum* Ell. & Ev.

Disease Rating: 3

Loc.: NW (1), NC (2), AL (1), E (1), C (1), SW (2)

*Melampsora* sp.: leaf rust

Disease Rating: 3

Loc.: NW (1), NC (1), N (1), NE (1)

*Populus tremuloides* Michx., trembling aspen

*Melampsora abietis-canadensis* C.A. Ludwig ex Arthur: hemlock-poplar rust

Disease Rating: 3

Loc.: C (1)

*Melampsora medusae* Thüm.: conifer-aspen rust

Disease Rating: 2

Loc.: NW (1), NC (1), N (3), NE (3), AL (6)

*Mycosphaerella populincola* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria populincola* Peck

Disease Rating: 2

Loc.: NC (2), N (1), AL (1)

*Mycosphaerella populorum* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria musiva* Peck

Disease Rating: 2

Loc.: N (1)

*Nectria cinnabarinina* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Loc.: NC (4), N (1), C (1)

*Peniophora pithya* (Pers.) John Eriksson: reddish Peniophora

Disease Rating: 4

Loc.: NC (1)

*Peniophora polygonia* (Pers. : Fr.) H. Bourdot & Galzin: poplar Peniophora

Disease Rating: 4

Loc.: NW (1)

*Peniophora rufa* (Fr. : Fr.) Boidin: red Peniophora

Syn.: *Cryptochaete rufa* (Fr. : Fr.) P. Karsten

Disease Rating: 4

Loc.: NW (1), N (1)

*Pezicula ocellata* (Pers. : Fr.) Seaver: dead-branch cup

Syn.: *Ocellaria ocellata* (Pers. : Fr.) Seaver

Anamorph: *Cryptosporiopsis scutellata* (Otth) Petrak

Disease Rating: 4

Loc.: NW (1)

*Phaeoramularia maculicola* (Romell & Sacc.) B. Sutton: poplar leaf spot

Syn.: *Cladosporium subsessile* Ell. & Barth.

Disease Rating: 3

Loc.: NW (2), NC (2), N (9)

*Populus tremuloides* Michx., trembling aspen

*Phellinus conchatus* (Pers. : Fr.) Quélet: moss-covered Phellinus

Syn.: *Fomes conchatus* (Pers. : Fr.) Gillet

Disease Rating: 4

Loc.: N (1)

*Phellinus tremulae* (Bondartsev) Bondartsev & Borisov: false tinder fungus

Syn.: *Fomes igniarius* (L. : Fr.) Kickx f. sp. *tremulae* Bondartsev

Disease Rating: 4

Loc.: NW (13), NC (11), N (16), NE (16), AL (6), E (1), C (5), SW (4)

*Phoma* sp.: Phoma canker

Disease Rating: 3

Loc.: N (2)

*Phyllosticta* sp.: leaf spot

Disease Rating: 3

Loc.: N (1)

*Pycnoporus cinnabarinus* (Jacq. : Fr.) P. Karsten: cinnabar-red polypore

Syn.: *Polyporus cinnabarinus* Jacq. : Fr.

Disease Rating: 4

Loc.: NE (1)

*Septoria* sp.: Septoria leaf spot

Disease Rating: 3

Loc.: N (1)

*Stereum hirsutum* (Willd. : Fr.) Gray: slash rotter

Disease Rating: 3

Loc.: NW (1)

*Trametes hirsuta* (Wulfen : Fr.) Pilát: hairy conk

Syn.: *Coriolus hirsutus* (Wulfen : Fr.) Quélet

Syn.: *Polyporus hirsutus* Wulfen : Fr.

Disease Rating: 4

Loc.: NC (1), NE (1)

*Trametes pubescens* (Schumacher : Fr.) Pilát: pubescent conk

Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet

Syn.: *Polyporus pubescens* Schumacher : Fr.

Disease Rating: 4

Loc.: NE (1)

*Populus tremuloides* Michx., trembling aspen

*Trichaptum biforme* (Fr.) Ryv.: violet-toothed polypore

Syn.: *Polyporus biformis* Fr.

Syn.: *Polystictus paragamenus* (Fr.) Fr.

Disease Rating: 4

Loc.: NW (1), NC (1), N (1)

*Tympanis spermatispora* (Nyl.) Nyl.: poplar twig blighter

Anamorph: *Sirodotheris populnea* (Thümen) B. Sutton & Funk

Syn.: *Dothiorella populnea* Thümen

Disease Rating: 3

Loc.: NW (1), SW (1)

*Uncinula adunca* (Wallr. : Fr.) Lév.: powdery mildew

Syn.: *Uncinula salicis* (DC.) Winter

Disease Rating: 2

Loc.: N (3), SW (1)

*Valsa* sp.: stem canker

Disease Rating: 3

Loc.: N (2), E (1)

*Valsa sordida* Nitschke: golden-tendril Cytospora

Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.

Disease Rating: 3

Loc.: NW (4), NC (4), N (2), NE (6), AL (4), E (2), C (1), SW (2)

*Valsa translucens* (de Not.) de Not.: Cytospora twig canker

Syn.: *Cytospora translucens* Sacc.

Disease Rating: 3

Loc.: NW (1)

*Venturia macularis* (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen

Syn.: *Sphaeria macularis* Fr.

Syn.: *Venturia tremulae* Aderh.

Anamorph: *Pollacia radiosa* (Lib.) Bald. & Cif.

Disease Rating: 2

Loc.: NW (150), NC (73), N (153), NE (109), AL (39), E (5), C (11), SW (14)

*Populus trichocarpa* Torr. & Gray, black cottonwood

*Mycosphaerella populorum* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria musiva* Peck

Disease Rating: 2

Loc.: SW (1)

## **FUNGUS/HOST LISTING**

*Agrobacterium tumefaciens* (Smith & Townsend) Conn: crown gall<sup>1</sup>

Disease Rating: 1

Host: *Populus alba* L.

Loc.: C (2)

*Apiognomonia errabunda* (Roberge) Höhnel: anthracnose

Syn.: *Gnomonia errabunda* (Roberge) Auersw.

Syn.: *Gnomonia quercina* Kleb.

Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet

Syn.: *Gloeosporium umbrinellum* Berk. & Broome

Disease Rating: 2

Host: *Acer* spp.

Loc.: NE (2), E(3), C(3), SW(1)

Host: *Acer nigrum* Michx.f.

Loc.: SW (1)

Host: *Acer platanoides* L.

Loc.: C (1)

Host: *Acer rubrum* L.

Loc.: N (2), AL (2)

Host: *Acer saccharinum* L.

Loc.: C (1)

Host: *Acer saccharum* Marsh.

Loc.: N (1), NE (1), AL (7), E (4), C (1), SW (5)

Host: *Acer spicatum* Lam.

Loc.: NE (1)

*Aplosporella clintonii* (Peck) Petrak & Sydow: Sphaeropsis dieback

Syn.: *Sphaeropsis albescens* Ell. & Ev.

Disease Rating: 3

Host: *Acer saccharinum* L.

Loc.: NE (1)

Host: *Acer saccharum* Marsh.

Loc.: C (1)

*Aposphaeria* sp.: Aposphaeria

Disease Rating: 4

Host: *Betula papyrifera* Marsh.

Loc.: NE (1)

<sup>1</sup> Although *A. tumefaciens* is a bacterium, not a fungus, it has been included in this report because its presence on a tree host was considered significant.

*Armillaria mellea* (Vahl : Fr.) Kummer<sup>2</sup>: Armillaria root rot

Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten

Disease Rating: 1

Host: *Acer* spp.

Loc.: NE (1), SW (2)

Host: *Acer rubrum* L.

Loc.: NE (1), SW (2)

Host: *Acer saccharinum* L.

Loc.: E (1)

Host: *Acer saccharum* Marsh.

Loc.: AL (1), E (1), C (4), SW (3)

Host: *Betula papyrifera* Marsh.

Loc.: NW (1)

Host: *Populus tremuloides* Michx.

Loc.: NC (2)

*Ascochyta* sp.: Ascochyta

Disease Rating: 3

Host: *Acer* sp.

Loc.: AL (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (1)

Host: *Betula papyrifera* Marsh. var. *pensilis* Fern.

Loc.: NE (1)

*Asteroma* sp.: leaf spot

Disease Rating: 2

Host: *Populus tremuloides* Michx.

Loc.: NC (1)

*Asteroma microspermum* (Peck) B. Sutton: leaf spot

Syn.: *Cylindrosporella microsperma* (Peck) Petrak

Disease Rating: 3

Host: *Betula papyrifera* Marsh.

Loc.: NE (1), AL (1)

*Asteroспорium betulinum* Peck: birch twig fungus

Disease Rating: 4

Host: *Betula alleghaniensis* Britton

Loc.: NE (3), AL (1)

Host: *Betula papyrifera* Marsh.

Loc.: SW (1)

*Atopospora betulina* (Fr. : Fr.) Petrak: black speckled leaf spot

Disease Rating: 3

Host: *Betula papyrifera* Marsh.

Loc.: NW (4), NC (1)

<sup>2</sup> Recent research has demonstrated that most collections from hardwoods identified as *A. mellea* in Ontario are in fact *A. gallica* Marx & Romagn.

*Aureobasidium* sp.: leaf spot  
Syn.: *Kabatiella* sp.  
Disease Rating: 3  
Host: *Betula papyrifera* Marsh.  
Loc.: NW (1)  
Host: *Populus* sp.  
Loc.: E (1)  
Host: *Populus grandidentata* Michx.  
Loc.: AL (1)

*Aureobasidium apocryptum* (Ell. & Ev.) Hermanides-Nijhof: anthracnose  
Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx  
Syn.: *Gloeosporium apocryptum* Ell. & Ev.  
Disease Rating: 2  
Host: *Acer* spp.  
Loc.: NW (1), NE (10), AL (1), E (11), C (15), SW (9)  
Host: *Acer nigrum* Michx.f.  
Loc.: SW (1)  
Host: *Acer platanoides* L.  
Loc.: C (4), SW (2)  
Host: *Acer rubrum* L.  
Loc.: NW (2), N (1), NE (2), AL (3), E (8), C (1), SW (1)  
Host: *Acer saccharinum* L.  
Loc.: NC (1), N (1), NE (1), E (2), C (1), SW (3)  
Host: *Acer saccharum* Marsh.  
Loc.: NW (2), NE (12), AL (18), E (21), C (29), SW (31)

*Bjerkandera adusta* (Willd. : Fr.) P. Karsten: scorched conk fungus  
Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.  
Disease Rating: 4  
Host: *Acer saccharum* Marsh.  
Loc.: SW (2)  
Host: *Populus* spp.  
Loc.: NE (1), E (1)  
Host: *Populus grandidentata* Michx.  
Loc.: AL (1)  
Host: *Populus tremuloides* Michx.  
Loc.: NW (1)

*Botryodiplodia* sp.: twig canker  
Disease Rating: 3  
Host: *Acer* spp.  
Loc.: E (2)  
Host: *Acer saccharum* Marsh.  
Loc.: NE (1)

*Botryosphaeria obtusa* (Schwein.) Shoem.: frog-eye leaf spot  
Syn.: *Physalospora obtusa* (Schwein.) Cooke  
Anamorph: *Sphaeropsis malorum* (Schwein.) Cooke  
Syn.: *Botryodiplodia malorum* (Berk.) Petrak & H. Sydow  
Disease Rating: 2  
Host: *Acer negundo* L.  
Loc.: NE (1)

*Capnodium* sp.: sooty mold  
Disease Rating: 4  
Host: *Acer saccharum* Marsh.  
Loc.: SW (1)

*Cephalosporium* sp.: Cephalosporium wilt  
Disease Rating: 2  
Host: *Acer* sp.  
Loc.: E (1)  
Host: *Acer saccharum* Marsh.  
Loc.: AL (1), C (2), SW (1)  
Host: *Betula papyrifera* Marsh.  
Loc.: NE (1)  
Host: *Populus* sp.  
Loc.: E (1)  
Host: *Populus X canadensis* Moench  
Loc.: AL (1)  
Host: *Populus tremuloides* Michx.  
Loc.: NE (1)

*Ceratocystis* sp.: blue stain  
Disease Rating: 3  
Host: *Acer rubrum* L.  
Loc.: C (1)  
Host: *Betula papyrifera* Marsh.  
Loc.: N (1)

*Ceratocystis fimbriata* Ellis & Halsted: poplar target canker  
Disease Rating: 2  
Host: *Populus tremuloides* Michx.  
Loc.: N (1)

*Cerrena unicolor* (Bull. : Fr.) Murrill: mossy-maze polypore  
Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.  
Disease Rating: 3  
Host: *Acer* sp.  
Loc.: NE (1)  
Host: *Acer negundo* L.  
Loc.: E (1)  
Host: *Acer platanoides* L.  
Loc.: NE (1)  
Host: *Acer saccharum* Marsh.  
Loc.: NE (1), E (1), C (3), SW (1)

(cont'd)

*Cerrena unicolor* (Bull. : Fr.) Murrill: mossy maze polypore (concl.)

Host: *Betula papyrifera* Marsh.

Loc.: N (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

*Chapeckia nigrospora* (Peck) Barr: blackened branch canker

Syn.: *Melanconis nigrospora* (Peck) Wehmeyer

Disease Rating: 3

Host: *Betula alleghaniensis* Britton

Loc.: SW (1)

*Ciborinia whetzelii* (Seaver) Seaver: ink spot of aspen

Disease Rating: 2

Host: *Populus* spp.

Loc.: NC (1), N (1), NE (2), AL (4), E (1)

Host: *Populus balsamifera* L.

Loc.: SW (1)

Host: *Populus X canadensis* Moench

Loc.: SW (1)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: AL (2), C (1), SW(1)

Host: *Populus tremuloides* Michx.

Loc.: NW (27), NC (43), N (128), NE (157), AL (62), E (24), C (17), SW (6)

*Cladosporium* sp.: leaf spot

Syn.: *Hormodendrum* sp.

Disease Rating: 3

Host: *Acer* sp.

Loc.: C (1)

Host: *Acer platanoides* L.

Loc.: SW (1)

Host: *Acer rubrum* L.

Loc.: AL (2)

Host: *Acer saccharum* Marsh.

Loc.: NE (2), C (1), SW (1)

Host: *Betula papyrifera* Marsh.

Loc.: E (1)

Host: *Populus* spp.

Loc.: E (1), SW (1)

Host: *Populus tremuloides* Michx.

Loc.: N (1), NE (1)

*Colletotrichum* sp.: *Colletotrichum*

Disease Rating: 3

Host: *Acer saccharum* Marsh.

Loc.: NW (1)

*Coniothyrium* sp.: twig canker

Disease Rating: 4

Host: *Acer saccharum* Marsh.

Loc.: AL (1), E (1)

Host: *Betula papyrifera* Marsh.

Loc.: NE (1)

Host: *Populus grandidentata* Michx.

Loc.: SW (1)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: E(1)

*Coniothyrium negundinis* Tehon & E.Y. Daniels: twig canker

Disease Rating: 3

Host: *Acer rubrum* L.

Loc.: SW (1)

*Corticium* sp.: white spongy rot

Disease Rating: 2

Host: *Acer saccharum* Marsh.

Loc.: E (1), C (1), SW (1)

*Cristulariella* sp.: leaf spot

Disease Rating: 3

Host: *Acer negundo* L.

Loc.: E (1)

*Cryptodiaporthe acerinum* J. Reid & Cain: branch canker

Disease Rating: 4

Host: *Acer* sp.

Loc.: C (1)

Host: *Acer saccharum* Marsh.

Loc.: SW (1)

*Cryptodiaporthe hystrix* (Tode : Fr.) Petrak: *Diplodia* leaf spot

Anamorph: *Diplodina acerina* (Pass.) B. Sutton

Syn.: *Discella acerina* (Pass.) v. Arx

Disease Rating: 3

Host: *Acer* sp.

Loc.: C (1)

Host: *Acer rubrum* L.

Loc.: E (1)

Host: *Acer saccharum* Marsh.

Loc.: AL (1), C (2), SW (4)

*Cryptodiaporthe populea* (Sacc.) Butin: *Dothichiza* canker

Anamorph: *Discosporium populeum* (Sacc.) B. Sutton

Syn.: *Dothichiza populea* Sacc. & Briard

Disease Rating: 1

Host: *Populus* spp.

Loc.: NW (1), E (6), C (1), SW (2)

Host: *Populus alba* L.

Loc.: SW (1)

(cont'd)

*Cryptodiaporthe populea* (Sacc.) Butin: Dothichiza canker (concl.)

Host: *Populus balsamifera* L.

Loc.: C (1)

Host: *Populus X canadensis* Moench

Loc.: AL (3), E (2)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: N (1), AL (4), E (4), C (5), SW (3)

Host: *Populus tremuloides* Michx.

Loc.: E (1)

*Cylindrosporium* sp.: Cylindrosporium leaf spot

Disease Rating: 3

Host: *Betula papyrifera* Marsh.

Loc.: NW (1), N (1), NE (2)

Host: *Betula pendula* Roth

Loc.: C (1)

Host: *Populus balsamifera* L.

Loc.: NE (1), E (1)

*Cylindrosporium populinum* (Peck) Vassilj.: populinum leaf spot

Disease Rating: 3

Host: *Populus tremuloides* Michx.

Loc.: N (1)

*Cytospora* sp.: Cytospora canker

Disease Rating: 3

Host: *Acer* spp.

Loc.: NC (1), NE (2), E (2), C (3), SW (2)

Host: *Acer negundo* L.

Loc.: NW (1)

Host: *Acer pensylvanicum* L.

Loc.: E (1)

Host: *Acer platanoides* L.

Loc.: E (2), C (2), SW (3)

Host: *Acer rubrum* L.

Loc.: NE (2), AL (1), C (1)

Host: *Acer saccharinum* L.

Loc.: NE (2), AL (1), E (1), C (1), SW (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (2), AL (4), E (3), C (10), SW (12)

Host: *Acer spicatum* Lam.

Loc.: E (1), SW (1)

Host: *Betula* sp.

Loc.: NE (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (2)

Host: *Betula papyrifera* Marsh.

Loc.: C (1)

Host: *Populus* spp.

Loc.: NC (1), NE (4), AL (6), E (6), C (2)

Host: *Populus alba* L.

Loc.: NC (1)

(cont'd)

*Cytospora* sp.: *Cytospora* canker (concl.)

Host: *Populus balsamifera* L.

Loc.: E (1), C (2), SW (1)

Host: *Populus X canadensis* Moench

Loc.: NW (1), NE (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (3), E (1), SW (2)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: E (2), C (1), SW (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (4), NC (1), N (7), NE (2), AL (2), C (3), SW (2)

*Cytosporella* sp.: *Cytosporella* canker

Disease Rating: 4

Host: *Acer saccharum* Marsh.

Loc.: E (1)

Host: *Populus alba* L.

Loc.: SW (1)

Host: *Populus tremuloides* Michx.

Loc.: NC (1)

*Cytosporium* sp.: *Cytosporium* wood colonizer

Disease Rating: 4

Host: *Betula alleghaniensis* Britton

Loc.: NE (2)

Host: *Betula papyrifera* Marsh.

Loc.: NE (1)

*Daedaleopsis confragosa* (Bolt. : Fr.) Schröter: curry comb

Syn.: *Daedalea confragosa* (Bolt. : Fr.) Fr.

Disease Rating: 4

Host: *Betula* sp.

Loc.: NE (1)

Host: *Betula papyrifera* Marsh.

Loc.: C (1)

*Daldinia concentrica* (Bolt. : Fr.) Ces. & de Not.: calico wood fungus

Disease Rating: 4

Host: *Betula papyrifera* Marsh.

Loc.: NE (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

*Dendrophoma* sp.: *Dendrophoma* wood colonizer

Disease Rating: 4

Host: *Acer saccharum* Marsh.

Loc.: NE (1)

*Dermea acerina* (Peck) Rehm: Dermea twig canker  
Anamorph: *Sphaeronema acerinum* Peck  
Disease Rating: 4  
Host: *Acer saccharum* Marsh.  
Loc.: NE (1), E (1)

*Diaporthe* sp.: twig canker  
Disease Rating: 3  
Host: *Acer rubrum* L.  
Loc.: E (1)  
Host: *Betula alleghaniensis* Britton  
Loc.: NE (1)

*Diaporthe dubia* Nitschke: canker dieback  
Anamorph: *Phomopsis* sp.  
Disease Rating: 3  
Host: *Acer saccharum* Marsh.  
Loc.: NE (2)

*Diatrypella* sp.: dead-branch colonizer  
Disease Rating: 4  
Host: *Acer saccharum* Marsh.  
Loc.: NE (1), SW (1)  
Host: *Betula alleghaniensis* Britton  
Loc.: NE (2)  
Host: *Betula papyrifera* Marsh.  
Loc.: C (1), SW (1)

*Diatrypella betulina* (Peck) Sacc.: dead-limb Diatrypella  
Disease Rating: 4  
Host: *Betula alleghaniensis* Britton  
Loc.: NE (2)  
Host: *Betula papyrifera* Marsh.  
Loc.: NC (1), C (1), SW (2)

*Diatrypella favacea* (Fr. : Fr.) Ces. & de Not.: dead-limb Diatrypella  
Disease Rating: 4  
Host: *Betula papyrifera* Marsh.  
Loc.: C (1)

*Dichomera* sp.: dead-branch Dichomera  
Disease Rating: 4  
Host: *Betula papyrifera* Marsh.  
Loc.: SW (1)

*Diplodia* sp.: Diplodia twig dieback  
Disease Rating: 3  
Host: *Acer* sp.  
Loc.: E (1)  
Host: *Acer platanoides* L.  
Loc.: SW (1)

(cont'd)

*Diplodia* sp.: *Diplodia* twig dieback (concl.)

Host: *Acer saccharinum* L.

Loc.: SW (1)

Host: *Acer saccharum* Marsh.

Loc.: AL (1), E (1), C (1)

*Diplodina* sp.: *Diplodina* leaf spot

Disease Rating: 3

Host: *Acer negundo* L.

Loc.: NC (1)

Host: *Acer rubrum* L.

Loc.: NE (1)

Host: *Acer saccharinum* L.

Loc.: NE (1)

Host: *Populus tremuloides* Michx.

Loc.: N (1)

*Discula acerina* Oudem.: anthracnose

Disease Rating: 3

Host: *Acer* spp.

Loc.: E (2), C (1), SW (1)

Host: *Acer negundo* L.

Loc.: N (1), E (1), C (1)

Host: *Acer rubrum* L.

Loc.: NE (1), AL (2), E (1), C (1)

*Discula betulinina* (Westend.) v. Arx: anthracnose

Syn.: *Gloeosporium betulinum* Westend.

Disease Rating: 3

Host: *Betula* spp.

Loc.: NE (1), C (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (2)

Host: *Betula papyrifera* Marsh.

Loc.: NC (1), N (3), NE (2), AL (3), E (1), C (3), SW (1)

*Discula campestris* (Pass.) v. Arx: anthracnose

Syn.: *Gloeosporium campestrae* Pass.

Disease Rating: 3

Host: *Acer saccharum* Marsh.

Loc.: NE (5), AL (5), E (1), C (9), SW (6)

*Dothiorella* sp.: branch canker

Disease Rating: 3

Host: *Betula papyrifera* Marsh.

Loc.: NW (2)

Host: *Populus tremuloides* Michx.

Loc.: N (1)

*Drepanopeziza populi-albae* (Kleb.) Nannf.: white poplar leaf spot  
Anamorph: *Marssonina castagnei* (Desm. & Mont.) Magnus  
Syn.: *Gloeosporium castagnei* Desm. & Mont.  
Disease Rating: 3  
Host: *Populus alba* L.  
Loc.: AL (2), E (1), C (1), SW (1)

*Drepanopeziza populorum* (Desm.) Höhnle: poplar leaf spot  
Anamorph: *Marssonina populi* (Lib.) Magnus  
Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.  
Disease Rating: 3  
Host: *Populus* spp.  
Loc.: E (2), C (3), SW (1)  
Host: *Populus balsamifera* L.  
Loc.: NC (1), AL (1), E (1), C (2)  
Host: *Populus X canadensis* Moench  
Loc.: E (1), C (1)  
Host: *Populus grandidentata* Michx.  
Loc.: C (1)  
Host: *Populus tremuloides* Michx.  
Loc.: NW (1), N (4), NE (1), C (2)

*Encoelia fascicularis* (Alb. & Schwein. : Fr.) P. Karsten: poplar twig Encoelia  
Syn.: *Phibalis fascicularis* (Alb. & Schwein. : Fr.) Wallr.  
Syn.: *Cenangium populneum* (Pers.) Rehm  
Disease Rating: 4  
Host: *Populus* sp.  
Loc.: E (1)

*Encoelia pruinosa* (Ell. & Ev.) Torkelson & Eckblad: black sooty bark canker  
Syn.: *Phibalis pruinosa* (Ell. & Ev.) Kohn & Korff  
Syn.: *Cenangium pruinatum* (Ell. & Ev.) Seaver  
Disease Rating: 3  
Host: *Populus grandidentata* Michx.  
Loc.: AL (1)

*Eutypella parasitica* Davidson & Lorenz: Eutypella canker  
Disease Rating: 2  
Host: *Acer* spp.  
Loc.: NE (2)  
Host: *Acer pensylvanicum* L.  
Loc.: E (1), C (1)  
Host: *Acer rubrum* L.  
Loc.: NE (1), AL (2), E (2)  
Host: *Acer saccharum* Marsh.  
Loc.: NE (15), AL (31), E (5), C (10), SW (7)

*Fomes fomentarius* (L. : Fr.) Kickx: tinder fungus

Disease Rating: 4

Host: *Acer saccharum* Marsh.

Loc.: NE (1), AL (1), E (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (1)

Host: *Betula papyrifera* Marsh.

Loc.: NW (7), N (3), NE (2), C (1)

Host: *Populus tremuloides* Michx.

Loc.: NC (1), N (1), NE (1)

*Fomitopsis pinicola* (Swartz : Fr.) P. Karsten: red-belt fungus

Syn.: *Fomes pinicola* (Swartz : Fr.) Cooke

Disease Rating: 4

Host: *Betula* sp.

Loc.: NE (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (1), NC (1)

*Ganoderma appianatum* (Pers.) Pat.: artist's conk

Syn.: *Fomes appianatus* (Pers.) C. Gillet

Syn.: *Polyporus appianatus* (Pers.) Wallr.

Disease Rating: 4

Host: *Acer negundo* L.

Loc.: SW (1)

Host: *Acer platanoides* L.

Loc.: C (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (1), AL (1), C (3), SW (1)

Host: *Betula* sp.

Loc.: NE (1)

Host: *Betula papyrifera* Marsh.

Loc.: NW (1)

Host: *Populus grandidentata* Michx.

Loc.: NE (1)

Host: *Populus tremuloides* Michx.

Loc.: NC (1), N (1), AL (1)

*Ganoderma lucidum* (W. Curtis : Fr.) P. Karsten: lacquer conk

Syn.: *Ganoderma curtisii* (Berk.) Murrill

Disease Rating: 4

Host: *Betula* sp.

Loc.: NE (1)

*Gelatinosporium* sp.: branch canker

Disease Rating: 3

Host: *Betula* sp.

Loc.: NE (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (4)

Host: *Populus tremuloides* Michx.

Loc.: AL (1)

*Geniculosporium* sp.: bark canker

Disease Rating: 3

Host: *Acer saccharum* Marsh.

Loc.: E (1)

*Gloeophyllum trabeum* (Pers. : Fr.) Murrill: forest-products Lenzites

Syn.: *Lenzites trabea* (Pers. : Fr.) Fr.

Disease Rating: 4

Host: *Populus balsamifera* L.

Loc.: NE (1)

*Gloeosporium* sp.: anthracnose

Disease Rating: 2

Host: *Populus* spp.

Loc.: AL (3), E (3), SW (1)

Host: *Populus balsamifera* L.

Loc.: NW (1)

Host: *Populus X canadensis* Moench

Loc.: SW (1)

Host: *Populus tremuloides* Michx.

Loc.: N (1), NE (1)

*Glomerella cingulata* (Stoneman) Spauld. & Schrenk: twig dieback

Anamorph: *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc.

Disease Rating: 3

Host: *Populus* sp.

Loc.: E (1)

Host: *Populus balsamifera* L.

Loc.: N (1)

Host: *Populus tremuloides* Michx.

Loc.: N (1)

*Gnomonia* sp.: leaf spot

Disease Rating: 3

Host: *Betula papyrifera* Marsh.

Loc.: NW (4), NE (1)

*Godronia cassandrae* Peck f. sp. *betulicola* Groves: Godronia canker

Disease Rating: 1

Host: *Betula papyrifera* Marsh.

Loc.: NE (1)

*Guignardia populi* G.E. Thompson: leaf blight

Anamorph: *Septogloea rhopaloideum* Dearn. & Bisby

Disease Rating: 3

Host: *Populus tremuloides* Michx.

Loc.: N (1)

*Hemimyriangium betulae* J. Reid & Piroz.: gum colonizer on birch

Disease Rating: 4

Host: *Betula papyrifera* Marsh.

Loc.: NW (2), NC (2), E (1)

*Hericium americanum* Ginns: bear's-head tooth fungus

Disease Rating: 4

Host: *Acer rubrum* L.

Loc.: NE (1)

Host: *Acer saccharum* Marsh.

Loc.: AL (1)

Host: *Populus* sp.

Loc.: E (1)

*Heterobasidion annosum* (Fr.) Bref.: Fomes root rot

Syn.: *Fomes annosus* (Fr.) P. Karsten

Anamorph: *Spiniger meineckellus* (A. Olson) Stalpers

Disease Rating: 1

Host: *Populus grandidentata* Michx.

Loc.: C (1)

*Hymenochaete agglutinans* Ellis: the gluer

Disease Rating: 3

Host: *Acer spicatum* Lam.

Loc.: N (1)

Host: *Populus tremuloides* Michx.

Loc.: AL (1)

*Hymenochaete tabacina* (Sow. : Fr.) Lév.: tabacina wood rot

Disease Rating: 3

Host: *Acer saccharum* Marsh.

Loc.: AL (1)

Host: *Acer spicatum* Lam.

Loc.: NC (1)

*Hypoxylon mammatum* (Wahlenb.) P. Karsten: Hypoxylon canker

Syn.: *Hypoxylon pruinatum* (Klotzsch) Cooke

Disease Rating: 1

Host: *Populus* spp.

Loc.: NW (1), NC (1), NE (2)

Host: *Populus grandidentata* Michx.

Loc.: E (1), SW (3)

Host: *Populus tremuloides* Michx.

Loc.: NW (22), NC (32), N (36), NE (48), AL (17), E (7), C (8), SW (8)

*Hypoxylon mediterraneum* (de Not.) J.H. Miller: coal fungus

Disease Rating: 4

Host: *Populus tremuloides* Michx.

Loc.: NW (2), NC (1)

*Inonotus dryophilus* (Berk.) Murrill: piped rotter

Syn.: *Polyporus dryophilus* Berk.

Disease Rating: 4

Host: *Populus tremuloides* Michx.

Loc.: AL (1)

*Inonotus glomeratus* (Peck) Murrill: sterile conk fungus

Syn.: *Polyporus glomeratus* Peck

Disease Rating: 3

Host: *Acer saccharum* Marsh.

Loc.: AL (1)

Host: *Populus alba* L.

Loc.: NC (1)

*Inonotus obliquus* (Pers. : Fr.) Pilát: clinker polypore

Syn.: *Poria obliqua* (Pers. : Fr.) P. Karsten

Disease Rating: 3

Host: *Betula papyrifera* Marsh.

Loc.: NW (3), N (4), NE (1), AL (1), SW (1)

*Irpea lacteum* (Fr. : Fr.) Fr.: white-toothed polypore

Syn.: *Polyporus tulipiferae* (Schwein.) Overh.

Syn.: *Irpea tulipiferae* (Schwein.) Schwein.

Disease Rating: 4

Host: *Acer* sp.

Loc.: E (1)

Host: *Acer negundo* L.

Loc.: E (1)

Host: *Acer saccharinum* L.

Loc.: C (1)

Host: *Acer saccharum* Marsh.

Loc.: AL (1), C (1)

Host: *Populus* sp.

Loc.: E (1)

*Ischnoderma resinosum* (Schrad. : Fr.) P. Karsten: resinosus polypore

Syn.: *Polyporus resinosus* (Schrad. : Fr.) Fr.

Disease Rating: 4

Host: *Acer saccharum* Marsh.

Loc.: C (1)

*Keissleriella emergens* (P. Karsten) Bose: rough-bark fungus

Anamorph: *Diplodia tumefaciens* (Shear) Zalasky

Syn.: *Macrophoma tumefaciens* Shear

Disease Rating: 3

Host: *Populus* spp.

Loc.: E (3)

Host: *Populus balsamifera* L.

Loc.: NW (1), NC (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (2), AL (1)

*Lenzites betulina* (L. : Fr.) Fr.: little birch shelf

Disease Rating: 4

Host: *Betula papyrifera* Marsh.

Loc.: N (2)

*Leucostoma nivea* (Hoffm. : Fr.) Höhnel: Cytospora canker

Syn.: *Valsa nivea* (Hoffm. : Fr.) Fr.

Anamorph: *Cytospora nivea* Sacc.

Disease Rating: 3

Host: *Populus* spp.

Loc.: AL (1), E (8)

Host: *Populus grandidentata* Michx.

Loc.: SW (1)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: N (1), C (3)

Host: *Populus tremuloides* Michx.

Loc.: NW (1), NC (1), N (2), C (1)

*Libertella* sp.: wood-colonizing *Libertella*

Disease Rating: 4

Host: *Betula alleghaniensis* Britton

Loc.: NE (2)

Host: *Betula papyrifera* Marsh.

Loc.: NW (1), NE (1)

Host: *Betula pendula* Roth

Loc.: NE (1)

Host: *Populus* sp.

Loc.: C (1)

Host: *Populus X canadensis* Moench

Loc.: AL (1)

*Linospora tetraspora* G.E. Thompson: Linospora leaf blight

Disease Rating: 3

Host: *Populus balsamifera* L.

Loc.: NW (4), NC (6), N (21), AL (10), E (8), C (3), SW (1)

*Macrophoma* sp.: leaf spot

Disease Rating: 3

Host: *Acer rubrum* L.

Loc.: C (1)

Host: *Acer saccharum* Marsh.

Loc.: C (1)

*Marssonina* sp.: Marssonina leaf spot

Disease Rating: 3

Host: *Acer* sp.

Loc.: AL (1)

Host: *Acer saccharum* Marsh.

Loc.: SW (1)

Host: *Populus* spp.

Loc.: NE (1), E (3)

Host: *Populus alba* L.

Loc.: SW (1)

(cont'd)

*Marssonina* sp.: Marssonina leaf spot (concl.)

Host: *Populus grandidentata* Michx.

Loc.: AL (2)

Host: *Populus tremuloides* Michx.

Loc.: N (3)

*Marssonina betulae* (Lib.) Magnus: Marssonina leaf spot on birch

Disease Rating: 3

Host: *Betula caerulea-grandis* Blanch.

Loc.: SW (1)

Host: *Betula glandulosa* Michx.

Loc.: C (1)

*Marssonina tremulae* (Lib.) Kleb.: poplar Marssonina

Syn.: *Marssonina brunnea* (Ell. & Ev.) Magnus

Syn.: *Gloeosporium brunneum* Ell. & Ev.

Disease Rating: 3

Host: *Populus* spp.

Loc.: AL (3), E (10), C (2), SW (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (1), NC (2), AL (1), E (1), C (1), SW (2)

*Massaria inquinans* (Tode : Fr.) de Not.: dirty branch canker

Disease Rating: 4

Host: *Acer saccharum* Marsh.

Loc.: NE (1), C (1), SW (1)

*Melampsora* sp.: leaf rust

Disease Rating: 3

Host: *Populus tremuloides* Michx.

Loc.: NW (1), NC (1), N (1), NE (1)

*Melampsora abietis-canadensis* C.A. Ludwig ex Arthur: hemlock-poplar rust

Disease Rating: 3

Host: *Populus grandidentata* Michx.

Loc.: E (3)

Host: *Populus tremuloides* Michx.

Loc.: C (1)

*Melampsora medusae* Thüm.: conifer-aspen rust

Disease Rating: 2

Host: *Populus* spp.

Loc.: N (1), AL (1), E (9), C (1)

Host: *Populus alba* L.

Loc.: AL (1)

Host: *Populus balsamifera* L.

Loc.: AL (1)

Host: *Populus deltoides* Bartr.

Loc.: AL (2), C (1), SW (2)

(cont'd)

*Melampsora medusae* Thüm.: conifer-aspen rust (concl.)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: NW (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (1), NC (1), N (3), NE (3), AL (6)

*Melampsoridium betulinum* Kleb.: birch rust

Syn.: *Melampsora betulina* Winter

Disease Rating: 3

Host: *Betula papyrifera* Marsh.

Loc.: NC (4), C (1)

Host: *Betula populifolia* Marsh.

Loc.: E (1)

*Melanconis stilbostoma* (Fr. : Fr.) Tul.: bicolor canker of birch

Anamorph: *Melanconium bicolor* Nees : Fr.

Disease Rating: 3

Host: *Betula* spp.

Loc.: NE (1), SW (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (12)

Host: *Betula papyrifera* Marsh.

Loc.: NC (1), NE (5), E (1), C (1)

Host: *Betula papyrifera* Marsh. var. *pensilis* Fern.

Loc.: E (1)

Host: *Betula pendula* Roth

Loc.: C (1)

*Melanconium* sp.: branch canker

Disease Rating: 3

Host: *Populus* sp.

Loc.: E (1)

Host: *Populus alba* L.

Loc.: SW (1)

Host: *Populus balsamifera* L.

Loc.: N (1)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: C (1)

*Mycosphaerella populincola* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria populincola* Peck

Disease Rating: 2

Host: *Populus* spp.

Loc.: NW (1), NE (1), E (1)

Host: *Populus balsamifera* L.

Loc.: NW (14), NC (19), N (22), NE (5), AL (8), E (10), C (17), SW (4)

Host: *Populus deltoides* Bartr.

Loc.: SW (1)

Host: *Populus tremuloides* Michx.

Loc.: NC (2), N (1), AL (1)

*Mycosphaerella populorum* G.E. Thompson: Septoria leaf spot

Anamorph: *Septoria musiva* Peck

Disease Rating: 2

Host: *Populus* spp.

Loc.: N (1), E (1), SW (1)

Host: *Populus balsamifera* L.

Loc.: NW (1), NC (5), N (7), NE (1), AL (4), E (3), C (1)

Host: *Populus X canadensis* Moench

Loc.: SW (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

Host: *Populus tremuloides* Michx.

Loc.: N (1)

Host: *Populus trichocarpa* Torr. & Gray

Loc.: SW (1)

*Nectria cinnabarinna* (Tode : Fr.) Fr.: Nectria canker

Anamorph: *Tubercularia vulgaris* Tode : Fr.

Disease Rating: 2

Host: *Acer* spp.

Loc.: NC (1), N (1), NE (28), E (3), C (1), SW (1)

Host: *Acer negundo* L.

Loc.: NW (1), NC (1), N (1), SW (1)

Host: *Acer platanoides* L.

Loc.: NE (2), E (1), C (4), SW (4)

Host: *Acer pseudoplatanus* L.

Loc.: C (1), SW (1)

Host: *Acer rubrum* L.

Loc.: NE (3)

Host: *Acer saccharinum* L.

Loc.: E (1), SW (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (6), AL (1), E (7), C (5), SW (2)

Host: *Betula papyrifera* Marsh.

Loc.: NE (1)

Host: *Betula pendula* Roth

Loc.: C (1)

Host: *Populus grandidentata* Michx.

Loc.: SW (1)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: SW (1)

Host: *Populus tremuloides* Michx.

Loc.: NC (4), N (1), C (1)

*Nectria galligena* Bres.: target canker

Disease Rating: 2

Host: *Acer rubrum* L.

Loc.: E (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (1), SW (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (1)

*Ophiovalsa suffusa* (Fr. : Fr.) Petrak: twig canker  
Anamorph: *Disculina betulina* (Sacc.) Höhnel  
Syn.: *Cryptosporium neesii* Corda  
Disease Rating: 4  
Host: *Betula alleghaniensis* Britton  
Loc.: NE (1)  
Host: *Betula pendula* Roth  
Loc.: NE (1)

*Oxyporus populinus* (Schumacher : Fr.) Donk: white spongy rot  
Syn.: *Fomes connatus* (Weinm.) C. Gillet  
Disease Rating: 4  
Host: *Acer saccharum* Marsh.  
Loc.: NE (4), AL (10), E (1), C (6), SW (2)

*Peniophora* sp.: Peniophora  
Disease Rating: 4  
Host: *Acer rubrum* L.  
Loc.: NE (1)

*Peniophora pithya* (Pers.) John Eriksson: reddish Peniophora  
Disease Rating: 4  
Host: *Populus tremuloides* Michx.  
Loc.: NC (1)

*Peniophora polygonia* (Pers. : Fr.) H. Bourdot & Galzin: poplar Peniophora  
Disease Rating: 4  
Host: *Populus tremuloides* Michaux  
Loc.: NW (1)

*Peniophora rufa* (Fr. : Fr.) Boidin: red Peniophora  
Syn.: *Cryptochaete rufa* (Fr. : Fr.) P. Karsten  
Disease Rating: 4  
Host: *Populus* spp.  
Loc.: NE (2)  
Host: *Populus X canadensis* Moench  
Loc.: E (1)  
Host: *Populus tremuloides* Michx.  
Loc.: NW (1), N (1)

*Pezicula ocellata* (Pers. : Fr.) Seaver: dead-branch cup  
Syn.: *Ocellaria ocellata* (Pers. : Fr.) Seaver  
Anamorph: *Cryptosporiopsis scutellata* (Otth) Petrak  
Disease Rating: 4  
Host: *Populus tremuloides* Michx.  
Loc.: NW (1)

*Phaeoramularia maculicola* (Romell & Sacc.) B. Sutton: poplar leaf spot

Syn.: *Cladosporium subsessile* Ell. & Barth.

Disease Rating: 3

Host: *Populus X canadensis* Moench

Loc.: SW (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (2), NC (2), N (9)

*Phellinus conchatus* (Pers. : Fr.) Quélet: moss-covered Phellinus

Syn.: *Fomes conchatus* (Pers. : Fr.) Gillet

Disease Rating: 4

Host: *Acer saccharum* Marsh.

Loc.: SW (1)

Host: *Populus tremuloides* Michx.

Loc.: N (1)

*Phellinus ferruginosus* (Schrader : Fr.) Pat.: white laminated rotter

Syn.: *Poria ferruginosa* (Schrader : Fr.) P. Karsten

Disease Rating: 4

Host: *Betula alleghaniensis* Britton

Loc.: NE (1)

*Phellinus igniarius* (L. : Fr.) Quélet: false tinder fungus

Syn.: *Fomes igniarius* (L. : Fr.) Kickx

Disease Rating: 1

Host: *Acer rubrum* L.

Loc.: N (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (1), AL (2), C (1), SW (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (1)

Host: *Betula papyrifera* Marsh.

Loc.: NC (1), N (2), NE (1), C (1)

*Phellinus tremulae* (Bondartsev) Bondartsev & Borisov: false tinder fungus

Syn.: *Fomes igniarius* (L. : Fr.) Kickx f. sp. *tremulae* Bondartsev

Disease Rating: 4

Host: *Populus* spp.

Loc.: NW (1), NE (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1), E (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (13), NC (11), N (16), NE (16), AL (6), E (1), C (5), SW (4)

*Pholiota adiposa* (Fr.) Kummer: fat Pholiota

Syn.: *Pholiota aurivella* (Batsch : Fr.) Kummer

Disease Rating: 4

Host: *Acer saccharum* Marsh.

Loc.: NE (1)

*Pholiota squarrosoides* (Peck) Sacc.: sharp-scaled Pholiota

Disease Rating: 4

Host: *Betula alleghaniensis* Britton

Loc.: NE (1)

*Phoma* sp.: Phoma canker

Disease Rating: 3

Host: *Acer* sp.

Loc.: E (1)

Host: *Betula* sp.

Loc.: NE (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (2)

Host: *Betula papyrifera* Marsh.

Loc.: NE (1)

Host: *Populus tremuloides* Michx.

Loc.: N (2)

*Phomopsis* sp.: Phomopsis blight

Disease Rating: 3

Host: *Acer* spp.

Loc.: NE (1), C (1)

Host: *Acer pensylvanicum* L.

Loc.: E (1)

Host: *Acer rubrum* L.

Loc.: C (1)

Host: *Acer saccharum* Marsh.

Loc.: E (2)

Host: *Betula alleghaniensis* Britton

Loc.: NE (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

*Phyllactinia guttata* (Wallr. : Fr.) Lév.: powdery mildew

Syn.: *Phyllactinia corylea* (Pers.) P. Karsten

Disease Rating: 2

Host: *Betula papyrifera* Marsh.

Loc.: NW (1), N (1), C (1)

*Phyllosticta* sp.: leaf spot

Disease Rating: 3

Host: *Populus* spp.

Loc.: AL (3)

Host: *Populus balsamifera* L.

Loc.: AL (1), C (1)

Host: *Populus tremuloides* Michx.

Loc.: N (1)

*Phyllosticta minima* (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot

Syn.: *Phyllosticta acericola* Cooke & Ell.

Disease Rating: 3

Host: *Acer* spp.

Loc.: AL (1), E (1), C (3), SW (2)

Host: *Acer nigrum* Michx.f.

Loc.: SW (1)

Host: *Acer pseudoplatanus* L.

Loc.: SW (1)

Host: *Acer rubrum* L.

Loc.: N (2), NE (5), AL (4), E (3), C (2), SW (3)

Host: *Acer saccharinum* L.

Loc.: SW (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (3), AL (3), E (1), C (1), SW (4)

Host: *Acer spicatum* Lam.

Loc.: SW (1)

*Phyllosticta negundinis* Sacc. & Speg.: leaf spot

Disease Rating: 3

Host: *Acer negundo* L.

Loc.: NW (1), SW (1)

*Piptoporus betulinus* (Bull. : Fr.) P. Karsten: birch conk

Syn.: *Polyporus betulinus* (Bull. : Fr.) Fr.

Disease Rating: 4

Host: *Betula* sp.

Loc.: NE (1)

Host: *Betula papyrifera* Marsh.

Loc.: NW (2), N (1), NE (2), AL (2)

*Pleurotus ostreatus* (Jacq. : Fr.) Kummer: oyster-shell fungus

Disease Rating: 4

Host: *Acer* sp.

Loc.: NE (1)

Host: *Betula papyrifera* Marsh.

Loc.: AL (1)

Host: *Populus* sp.

Loc.: NE (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

*Pseudocercospora salicina* (Ell. & Ev.) Deighton: Cercospora leaf spot

Syn.: *Cercospora salicina* Ell. & Ev.

Disease Rating: 3

Host: *Populus balsamifera* L.

Loc.: NW (1)

*Pycnoporus cinnabarinus* (Jacq. : Fr.) P. Karsten: cinnabar-red polypore  
Syn.: *Polyporus cinnabarinus* Jacq. : Fr.  
Disease Rating: 4  
Host: *Populus tremuloides* Michx.  
Loc.: NE (1)

*Radulodon americanus* Ryv.: white spongy rot  
Disease Rating: 3  
Host: *Populus* sp.  
Loc.: NC (1)

*Rhytisma acerinum* (Pers. : Fr.) Fr.: tar spot  
Anamorph: *Melasmia acerina* Lév.  
Disease Rating: 3  
Host: *Acer rubrum* L.  
Loc.: N (3), NE (5), AL (4), E (1), SW (3)  
Host: *Acer saccharinum* L.  
Loc.: NE (1), E (1), C (1), SW (1)  
Host: *Acer saccharum* Marsh.  
Loc.: NE (1)

*Rhytisma punctatum* (Pers. : Fr.) Fr.: speckled tar spot  
Anamorph: *Melasmia punctata* Sacc. & Roum.  
Disease Rating: 3  
Host: *Acer negundo* L.  
Loc.: NW (2), N (6), NE (1)  
Host: *Acer rubrum* L.  
Loc.: N (2), SW (1)  
Host: *Acer saccharum* Marsh.  
Loc.: NE (1), AL (1)  
Host: *Acer spicatum* Lam.  
Loc.: NW (1), NC (3), N (12), NE (4)

*Schizophyllum commune* Fr. : Fr.: split gill  
Disease Rating: 3  
Host: *Acer* sp.  
Loc.: E (1)  
Host: *Acer saccharum* Marsh.  
Loc.: NE (1), E (3)

*Septoria* sp.: Septoria leaf spot  
Disease Rating: 3  
Host: *Populus balsamifera* L.  
Loc.: NW (1), NC (1), N (3), NE (3), AL (1), C (3), SW (1)  
Host: *Populus grandidentata* Michx.  
Loc.: AL (1)  
Host: *Populus tremuloides* Michx.  
Loc.: N (1)

*Septoria aceris* (Lib.) Berk. & Broome: Septoria leaf spot

Disease Rating: 3

Host: *Acer negundo* L.

Loc.: C (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (1)

*Septoria betulae* Pass.: leaf spot

Syn.: *Septoria betulicola* Peck

Disease Rating: 3

Host: *Betula* spp.

Loc.: NE (1), C (1)

Host: *Betula alleghaniensis* Britton

Loc.: NE (1)

Host: *Betula papyrifera* Marsh.

Loc.: NC (4), NE (10), AL (5), E (1)

*Sphaeropsis* sp.: Sphaeropsis dieback

Disease Rating: 3

Host: *Acer saccharum* Marsh.

Loc.: NE (1), E (1), C (1)

*Stegonsporium* sp.: maple twig fungus

Disease Rating: 4

Host: *Acer* spp.

Loc.: NE (1), E (1), C (4)

Host: *Acer rubrum* L.

Loc.: NW (1)

Host: *Acer saccharinum* L.

Loc.: SW (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (1), AL (1), E (6), C (7), SW (5)

*Stegonsporium pyriforme* (Hoffm. : Fr.) Corda: maple twig fungus

Syn.: *Stilbospora ovata* Pers.

Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes

Disease Rating: 4

Host: *Acer* spp.

Loc.: AL (1), E (2), C (3), SW (2)

Host: *Acer rubrum* L.

Loc.: E (1)

Host: *Acer saccharinum* L.

Loc.: SW (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (8), AL (4), E (17), C (27), SW (13)

*Stereum* sp.: Stereum wood rotter

Disease Rating: 3

Host: *Acer saccharinum* L.

Loc.: NE (1)

Host: *Betula caerulea-grandis* Blanch.

Loc.: SW (1)

(cont'd)

*Stereum* sp.: *Stereum* wood rotter (concl.)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

*Stereum hirsutum* (Willd. : Fr.) Gray: slash rotter

Disease Rating: 3

Host: *Populus tremuloides* Michx.

Loc.: NW (1)

*Stigmina negundinis* (Berk. & M.A. Curtis) M.B. Ellis: Stigmina twig blight

Syn.: *Coryneum negundinis* Berk. & M.A. Curtis

Syn.: *Helminthosporium subcuticulare* Ell. & Ev.

Disease Rating: 3

Host: *Acer negundo* L.

Loc.: NC (1), N (3), NE (1)

*Taphrina dearnessii* Jenk.: leaf blister

Disease Rating: 3

Host: *Acer rubrum* L.

Loc.: NE (1), AL (1)

*Trametes hirsuta* (Wulfen : Fr.) Pilát: hairy conk

Syn.: *Coriolus hirsutus* (Wulfen : Fr.) Quélet

Syn.: *Polyporus hirsutus* Wulfen : Fr.

Disease Rating: 4

Host: *Betula* sp.

Loc.: NE (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

Host: *Populus tremuloides* Michx.

Loc.: NC (1), NE (1)

*Trametes pubescens* (Schumacher : Fr.) Pilát: pubescent conk

Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet

Syn.: *Polyporus pubescens* Schumacher : Fr.

Disease Rating: 4

Host: *Acer* sp.

Loc.: C (1)

Host: *Betula papyrifera* Marsh.

Loc.: NE (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

Host: *Populus tremuloides* Michx.

Loc.: NE (1)

*Trametes versicolor* (L. : Fr.) Pilát: turkey tail

Syn.: *Coriolus versicolor* (L. : Fr.) Quélet

Syn.: *Polyporus versicolor* L. : Fr.

Disease Rating: 4

Host: *Acer saccharinum* L.

Loc.: C (1)

(cont'd)

*Trametes versicolor* (L. : Fr.) Pilát: turkey tail (concl.)

Host: *Acer saccharum* Marsh.

Loc.: NE (1), AL (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

*Trichaptum biforme* (Fr.) Ryv.: violet-toothed polypore

Syn.: *Polyporus biformis* Fr.

Syn.: *Polystictus targamenus* (Fr.) Fr.

Disease Rating: 4

Host: *Populus* sp.

Loc.: NE (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (1), NC (1), N (1)

*Tubercularia* sp.: *Nectria* canker

Disease Rating: 1

Host: *Acer* sp.

Loc.: C (1)

*Tympinis spermatispora* (Nyl.) Nyl.: poplar twig blighter

Anamorph: *Sirodothis populina* (Thümen) B. Sutton & Funk

Syn.: *Dothiorella populnea* Thümen

Disease Rating: 3

Host: *Populus tremuloides* Michx.

Loc.: NW (1), SW (1)

*Uncinula adunca* (Wallr. : Fr.) Lév.: powdery mildew

Syn.: *Uncinula salicis* (DC.) Winter

Disease Rating: 2

Host: *Populus* spp.

Loc.: N (1), NE (2)

Host: *Populus balsamifera* L.

Loc.: NW (1), NC (1), N (5), NE (3), AL (5), E (3), C (6), SW (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

Host: *Populus tremuloides* Michx.

Loc.: N (3), SW (1)

*Uncinula circinata* Cooke & Peck: powdery mildew

Disease Rating: 2

Host: *Acer spicatum* Lam.

Loc.: N (1)

*Ustilina deusta* (Hoffm. : Fr.) Lind: coal fungus

Syn.: *Hypoxyylon deustum* (Hoffm. : Fr.) Grev.

Disease Rating: 3

Host: *Acer rubrum* L.

Loc.: C (1)

Host: *Acer saccharum* Marsh.

Loc.: NE (1), E (1), SW (2)

(cont'd)

*Ustilina deusta* (Hoffm. : Fr.) Lind: coal fungus (concl.)

Host: *Acer spicatum* Lam.

Loc.: N (1)

*Valsa* sp.: stem canker

Disease Rating: 3

Host: *Acer platanoides* L.

Loc.: SW (1)

Host: *Populus* sp.

Loc.: SW (1)

Host: *Populus balsamifera* L.

Loc.: NC (1), SW (1)

Host: *Populus grandidentata* Michx.

Loc.: AL (1)

Host: *Populus tremuloides* Michx.

Loc.: N (2), E (1)

*Valsa sordida* Nitschke: golden-tendril Cytospora

Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.

Disease Rating: 3

Host: *Acer rubrum* L.

Loc.: NE (1)

Host: *Acer saccharum* Marsh.

Loc.: E (1)

Host: *Populus* spp.

Loc.: NC (1), N (1), AL (5), E (13), C (5), SW (1)

Host: *Populus alba* L.

Loc.: AL (3)

Host: *Populus balsamifera* L.

Loc.: N (3), NE (3), AL (1), C (3), SW (2)

Host: *Populus X canadensis* Moench

Loc.: AL (1), E (1), C (1)

Host: *Populus deltoides* Bartr.

Loc.: AL (1), E (1)

Host: *Populus grandidentata* Michx.

Loc.: SW (1)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: NW (1), AL (1), E (1), C (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (4), NC (4), N (2), NE (6), AL (4), E (2), C (1), SW (2)

*Valsa translucens* (de Not.) de Not.: Cytospora twig canker

Syn.: *Cytospora translucens* Sacc.

Disease Rating: 3

Host: *Populus tremuloides* Michx.

Loc.: NW (1)

*Valsaria insitiva* (Tode : Fr.) Ces. & de Not.: long-necked Valsaria

Disease Rating: 4

Host: *Betula alleghaniensis* Britton

Loc.: SW (1)

*Venturia acerina* Plakidas ex Barr: maple leaf spot

Syn.: *Cladosporium humile* J. Davis

Disease Rating: 3

Host: *Acer rubrum* L.

Loc.: E (1)

*Venturia macularis* (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen

Syn.: *Sphaeria macularis* Fr.

Syn.: *Venturia tremulae* Aderh.

Anamorph: *Pollacia radiosa* (Lib.) Bald. & Cif.

Disease Rating: 2

Host: *Populus* spp.

Loc.: NW (2), NC (2), NE (2), E (2)

Host: *Populus alba* L.

Loc.: NE (1)

Host: *Populus X canadensis* Moench

Loc.: AL (1), E (3), SW (1)

Host: *Populus deltoides* Bartr.

Loc.: SW (1)

Host: *Populus grandidentata* Michx.

Loc.: NW (4), N(1), NE (12), AL (1), E (2), C (1), SW (4)

Host: *Populus nigra* L. var. *italica* Muenchh.

Loc.: N (1), AL (1)

Host: *Populus tremuloides* Michx.

Loc.: NW (150), NC (73), N (153), NE (109), AL (39), E (5), C (11), SW (14)

*Venturia populina* (Vuill.) Fabricius: shoot blight

Anamorph: *Pollacia elegans* Servazzi

Disease Rating: 2

Host: *Populus balsamifera* L.

Loc.: NW (11), NC (8), N (19), NE (8), AL (7), E (1), SW (3)

*Verticillium* sp.: Verticillium wilt

Disease Rating: 1

Host: *Acer* spp.

Loc.: AL (2), E (3), C (1), SW (2)

Host: *Acer platanoides* L.

Loc.: NE (1), E (2), C (1), SW (7)

Host: *Acer rubrum* L.

Loc.: AL (1), E (1), SW (1)

Host: *Acer saccharinum* L.

Loc.: NE (1), AL (1)

Host: *Acer saccharum* Marsh.

Loc.: AL (2), E (7), C (7), SW (4)

Host: *Betula alleghaniensis* Britton

Loc.: NE (1)

Host: *Populus* sp.

Loc.: E (1)

*Verticillium albo-atrum* Reinke & Berth.: Verticillium wilt

Disease Rating: 1

Host: *Acer* spp.

Loc.: SW (2)

Host: *Acer saccharum* Marsh.

Loc.: E (2), C (3), SW (2)

*Verticillium dahliae* Kleb.: Verticillium wilt

Disease Rating: 1

Host: *Acer* spp.

Loc.: NE (1), C (2)

Host: *Acer saccharum* Marsh.

Loc.: AL (1), E (1), C (2), SW (1)

*Winterella betulae* (Tul. & C. Tul.) Kuntze: branch canker

Syn.: *Ophiovalsa betulae* (Tul. & C. Tul.)

Syn.: *Cytospora betulae* Tul. & C. Tul.

Disease Rating: 4

Host: *Betula* sp.

Loc.: N (1)

Host: *Betula papyrifera* Marsh.

Loc.: C (1)

Host: *Betula pendula* Roth

Loc.: NE (1)

*Xylaria polymorpha* (Pers. : Fr.) Grev.: dead-man's fingers

Disease Rating: 3

Host: *Acer negundo* L.

Loc.: SW (1)

Host: *Acer saccharum* Marsh.

Loc.: C (1)

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