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Accurate scientific names of plant pathogenic fungi

Below is a list of the most important plant pathogenic fungi with their accurate scientific names and synonyms. These scientific names include the results of the change to one scientific name for fungi. The major sources of fungal scientific names agree that these are the fungal names to be used for these species.

TAXA	SPECIES NAME	DISEASE
Kingdom Fungi		
Chytridiomycota		
Blastocladales		
Physodermataceae		
Physoderma	Physoderma alfalfae (Pat. & Lagerh.) Karling 1950 ≡ Cladochytrium alfalfae Pat. & Lagerh. 1895 ≡ Urophlyctis alfalfae (Pat. & Lagerh.) Magnus 1902	crown wart of alfalfa
	Physoderma maydis (Miyabe) Miyabe 1909 ≡ Cladochytrium maydis Miyabe 1903 = Physoderma zae-maydis F.J. Shaw 1912	brown spot of maize
Chytridiales		
Synchytriaceae		
Synchytrium	Synchytrium endobioticum (Schilb.) Percival 1909 [1910] ≡ Chrysophlyctis endobioticum Schilb. 1896 = Synchytrium solani Masee 1910	potato wart disease, potato black wart
	Synchytrium dolichi (Cooke) Gaeum. 1927 ≡ Aecidium dolichi Cooke 1882 ≡ Woroninella dolichi (Cooke) Syd. 1914	false rust of winged bean
Spizellomycetales		
Olpidiaceae		
Olpidium	Olpidium brassicae (Woronin) P.A. Dang. 1886 ≡ Chytridium brassicae Woronin 1878 = Olpidium borzii De Wild. 1893 = Asterocystis radice De Wild. 1893 ≡ Olpidiaster radice (De Wild.) Pascher 1917	virus vector
Zygomycota		
Mucorales		
Choanephoraceae		

Choanephora	Choanephora cucurbitarum (Berk. & Ravenel) Thaxt. 1903 ≡ Rhopalomyces cucurbitarum Berk. & Ravenel 1875 = Choanephora americana A. Möller 1901	flower and fruit rot of cucurbits
Gilbertellaceae		
Gilbertella	Gilbertella persicaria (E.D. Eddy) Hesselt. 1960 ≡ Choanephora persicaria E.D. Eddy 1925	Gilbertella fruit rot
Mucoraceae		
Mucor	Mucor circinelloides Tiegh. 1875 ≡ Calyptromyces circinelloides (Tiegh.) Sumst. 1910 ≡ Circinomucor circinelloides (Tiegh.) Arx 1982 ≡ Mucor circinelloides f. circinelloides = Mucor alternans Tiegh. = Mucor ambiguus Vuill. 1887 [1886] = Mucor javanicus Wehmer 1900 = Mucor prainii Chodat & Nechitsche 1904	In soil and storage rot
	Mucor racemosus Fresen. 1850	Fruit storage rot
Rhizopus	Rhizopus stolonifer (Ehrenb. : Fr.) Vuill. 1902 ≡ Mucor stolonifer Ehrenb. 1818 = Rhizopus artocarpus Racib. 1959 = Rhizopus necans Masee 1897 = Rhizopus nigricans Ehrenb. 1821 = Rhizopus nigricans var. luxurians J. Schröt. 1886	fruit storage rot
Ascomycota		
Saccharomycetes		
Saccharomycetales		
Dipodascaceae		
Geotrichum Syn. Galactomyces	Geotrichum candidum Link 1809 = Endomyces geotrichum E.E. Butler & L.J. Petersen 1972 ≡ Galactomyces geotrichum (E.E. Butler & L.J. Petersen) Redhead & Malloch 1977 ≡ Dipodascus geotrichum (E.E. Butler & L.J. Petersen) Arx 1977 = Oospora lactis (Fresen.) Sacc. 1886 = Oospora lactis var. parasitica Pritchard & Porte 1923	fruit rot, tomato, peach, citrus
Eremotheciaceae		
Eremothecium	Eremothecium gossypii (S.F. Ashby & Nowell) Kurtzman 1995 ≡ Nematosporea gossypii S.F. Ashby & W.	Stigmatomycosis, internal boll rot of cotton

	Nowell 1926 ≡ <i>Ashbya gossypii</i> (S.F. Ashby & W. Nowell) Guilliermond 1928 = <i>Spermophthora gossypii</i> S.F. Ashby & W. Nowell 1926	
Nematospora	Nematospora coryli Peglion 1901	stigmatomycosis of beans, citrus, mustard, tomato, and various nuts
Taphrinomycetes		
Taphrinales		
Taphrinaceae		
Taphrina	<i>Taphrina caerulescens</i> (Desm. & Mont.) Tul. 1866	leaf curls, flower blights
	Taphrina deformans (Berk.) Tul. 1866 <i>Exoascus deformans</i> (Berk.) Fuckel 1870	Peach leaf curl
	<i>Taphrina populina</i> (Fr. : Fr.) Fr. Syn. <i>Taphrina aurea</i> (Pers.) Fr. 1815	Yellow leaf blister of cottonwood, poplar
Dothideomycetes		
Botryosphaerales		
Botryosphaeriaceae		
Botryosphaeria Syn. Fusicoccum	Botryosphaeria dothidea (Moug. : Fr.) Ces. & De Not. 1863 ≡ <i>Sphaeria dothidea</i> Moug. : Fr. 1823 = <i>Fusicoccum aesculi</i> Corda 1829 = <i>Phyllosticta divergens</i> Sacc. 1891 = <i>Sphaeria coronillae</i> Desm. 1840 ≡ <i>Dothiorella coronillae</i> (Desm.) Petr. 1963 = <i>Botryosphaeria berengeriana</i> De Not. 1863 [1864] = <i>Physalospora suberumpens</i> Ellis & Everh. 1897	Canker, stem blight, dieback, fruit rot on diverse hosts
	Botryosphaeria zeae (G.L. Stout) Arx & E. Müll. 1954 ≡ <i>Physalospora zeae</i> G.L. Stout 1930 = <i>Macrophoma zeae</i> Tehon & E.Y. Daniels 1927	
Diplodia Syn. Botryodiplodia	Diplodia mutila (Fr. : Fr.) Mont. 1834 ≡ <i>Sphaeria mutila</i> Fr. : Fr. 1823 ≡ <i>Physalospora mutila</i> (Fr. : Fr.) N. Stevens 1936 = <i>Diplodia pittospori</i> Cooke & Harkn. 1884 = <i>Botryosphaeria stevensii</i> Shoemaker 1964	Dieback and canker of oak
	Diplodia sapinea (Fr.) Fuckel 1870 ≡ <i>Sphaeria sapinea</i> Fr. : Fr. 1823 ≡ <i>Macrophoma sapinea</i> (Fr. : Fr.) Petr. 1962	Sphaeropsis tip blight, diplodia tip blight

	<p>[1961] ≡ <i>Sphaeropsis sapinea</i> (Fr. : Fr.) Dyko & B. Sutton 1980 = <i>Sphaeria pinea</i> Fr. : Fr. 1942 ≡ <i>Diplodia pinea</i> (Desm.) J. Kickx fil. 1867 ≡ <i>Macrophoma pinea</i> (Desm.) Syd. & Petr. 1926</p>	
Dothiorella	<p>Dothiorella sarmentorum (Fr. : Fr.) A.J.L. Phillips, A. Alves & J. Luque 2005 ≡ <i>Sphaeria sarmentorum</i> Fr. : Fr. 1818 ≡ <i>Diplodia sarmentorum</i> (Fr. : Fr.) Fr. 1849 = <i>Diplodia pruni</i> Fuckel 1870 [1869] = <i>Botryosphaeria sarmentorum</i> A.J.L. Phillips, A. Alves & J. Luque 2005</p>	Canker diseases of woody plants
Lasiodiplodia	<p>Lasiodiplodia theobromae (Pat.) Griffon & Maubl. 1909 ≡ <i>Botryodiplodia theobromae</i> Pat. 1892 ≡ <i>Diplodia theobromae</i> (Pat.) W. Nowell 1923 = <i>Diplodia ananassae</i> Sacc. 1917 ≡ <i>Botryodiplodia ananassae</i> (Sacc.) Petr. 1929 = <i>Diplodia arachidis</i> Petch 1906 = <i>Diplodia cacaoicola</i> Henn. 1895 = <i>Diplodia corchori</i> Syd. & P. Syd. 1916 = <i>Botryodiplodia elasticae</i> Petch 1906 = <i>Sphaeria glandicola</i> Schwein. 1832 ≡ <i>Physalospora glandicola</i> (Schwein.) N.E. Stevens 1933 = <i>Botryodiplodia gossypii</i> Ellis & Barthol. 1902 = <i>Diplodia gossypina</i> Cooke 1879 = <i>Physalospora gossypina</i> N.E. Stevens 1925 = <i>Chaetodiplodia grisea</i> Petch 1906 = <i>Diplodia manihoti</i> Sacc. 1914 ≡ <i>Botryodiplodia manihoti</i> (Sacc.) Petr. 1924 = <i>Botryodiplodia manihotica</i> Petr. 1926 = <i>Botryodiplodia manihotis</i> Syd. & P. Syd. 1916 = <i>Diplodia musae</i> Died. 1916 = <i>Diplodia natalensis</i> Pole-Evans 1911 = <i>Lasiodiplodia nigra</i> Appel & Laubert 1907 = <i>Diplodia rapax</i> Masee 1910 = <i>Physalospora rhodina</i> Berk. & M.A.</p>	Cankers, dieback, and several other diseases. Also, a human pathogen.

	<p>Curtis 1889 ≡ <i>Botryosphaeria rhodina</i> (Berk. & M.A. Curtis) Arx 1970 = <i>Lasiodiplodia triflorae</i> B.B. Higgins 1916 = <i>Lasiodiplodia tubericola</i> Ellis & Everh. 1896 ≡ <i>Diplodia tubericola</i> (Ellis & Everh.) Taubenh. 1915 ≡ <i>Botryodiplodia tubericola</i> (Ellis & Everh.) Petr. 1923 = <i>Macrophoma vestita</i> Prill. & Delacr. 1894</p>	
Macrophomina	<p>Macrophomina phaseolina (Tassi) Goid. 1947 ≡ <i>Macrophoma phaseolina</i> Tassi 1901 ≡ <i>Tiarosporella phaseolina</i> (Tassi) Aa 1981 = <i>Sclerotium bataticola</i> Taubenh. 1913 ≡ <i>Rhizoctonia bataticola</i> (Taubenh.) E.J. Butler 1925 = <i>Macrophoma corchori</i> Sawada 1916 = <i>Rhizoctonia lamellifera</i> W. Small 1924 = <i>Macrophoma phaseoli</i> Maubl. 1905 ≡ <i>Dothiorella phaseoli</i> (Maubl.) Petr. & Syd. 1927 ≡ <i>Macrophomina phaseoli</i> (Maubl.) S.F. Ashby 1927 ≡ <i>Botryodiplodia phaseoli</i> (Maubl.) Thirum. 1953 ≡ <i>Tiarosporella phaseoli</i> (Maubl.) Aa 1977 = <i>Macrophomina philippinensis</i> Petr. 1923 = <i>Macrophoma sesami</i> Sawada 1922</p>	root rot, charcoal rot of various hosts
Melanops	<p>Melanops tulasnei Fuckel 1870 ≡ <i>Dothidea melanops</i> Tul. & C. Tul. 1856 ≡ <i>Botryosphaeria melanops</i> (Tul. & C. Tul.) G. Winter 1887 = <i>Dothiorella advena</i> Sacc. 1882 ≡ <i>Fusicoccum advenum</i> (Sacc.) Died. 1915 [1912] = <i>Dothiorella meliae</i> Traverso 1906 = <i>Fusicoccum testudo</i> Höhn. 1903</p>	
Neofusicoccum	<p>Neofusicoccum mangiferae (Syd. & P. Syd.) Crous, Slippers & A.J.L. Phillips 2006 ≡ <i>Dothiorella mangiferae</i> Syd. & P. Syd. 1916 ≡ <i>Nattrassia mangiferae</i> (Syd. & P. Syd.) B. Sutton & Dyko 1989 ≡ <i>Fusicoccum mangiferum</i> (Syd. & P. Syd.)</p>	foliage, fruit spots/blights, citrus black spot, black rot of grapevine

	Johnson, Slippers, & M.J. Wingf. 2005 = Hendersonula cypria Nattrass 1937	
Neoscytalidium	Neoscytalidium dimidiatum (Penz.) Crous & Slippers 2006 ≡ Torula dimidiata Penz. 1882 ≡ Fusicoccum dimidiatum (Penz.) D.F. Farr 2005 ≡ Scytalidium dimidiatum (Penz.) B. Sutton & Dyko 1989 = Exosporina fawcettii E.E. Wilson 1947 = Scytalidium hyalinum C.K. Campb. & J.L. Mulder 1977 ≡ Neoscytalidium hyalinum (C.K. Campb. & J.L. Mulder) A.J.L. Phillips, Groenewald & Crous 2013 = Hendersonula toruloidea Nattrass 1933	Gummosis, dieback, branch wilt, decline, leaf spot, tip rot, canker. Also on human nails and skin.
Phyllosticta Syn. Guignardia	Phyllosticta ampelicida (Engelm.) Aa 1973 ≡ Naemospora ampelicida Engelm. 1861 = Phyllosticta ampelopsidis Ellis & G. Martin 1886 = Sphaeria bidwellii Ellis 1880 ≡ Guignardia bidwellii f. muscadinii Luttr. 1946 ≡ Guignardia bidwellii f. parthenocissi Luttr. 1946 ≡ Guignardia bidwellii (Ellis) Viala & Ravaz 1892 ≡ Botryosphaeria bidwellii (Ellis) Petr. 1958 [1957] ≡ Physalospora bidwellii (Ellis) Sacc. 1882 ≡ Laestadia bidwellii (Ellis) Viala & Ravaz 1888 ≡ Carlia bidwellii (Ellis) Prunet 1898 ≡ Guignardia bidwellii var. euvitis Luttr. 1946 = Phyllostictina clemensae Petr. 1928 = Depazea labruscae Engelm. 1877 = Phyllosticta labruscae Thüm. 1878 ≡ Phyllosticta labruscae f. labruscae Thüm. 1878 = Phoma ustulata Berk. & M.A. Curtis 1873 = Phoma uvicola var. labruscae Thüm. 1878 = Phyllosticta vitea Sacc. 1896 ≡ Phyllostictina viticola Petr. 1940	Black spot of grapevine
	Phyllosticta citricarpa (McAlpine) Aa 1973	Citrus black spot

	<p>≡ <i>Phoma citricarpa</i> McAlpine 1899 ≡ <i>Phyllostictina citricarpa</i> (McAlpine) Petr. 1953 = <i>Phyllosticta circumsepta</i> Sacc. 1914 = <i>Guignardia citricarpa</i> Kiely 1948</p>	
Stenocarpella	<p>Stenocarpella maydis (Berk.) B. Sutton 1980 ≡ <i>Sphaeria maydis</i> Berk. 1847 ≡ <i>Diplodia maydis</i> (Berk.) Sacc. 1884 = <i>Diplodia maydicola</i> Speg. 1910 = <i>Diplodia zeae</i> Lév. 1848 ≡ <i>Macrodiplodia zeae</i> (Lév.) Petr. & Syd. 1923 ≡ <i>Sphaeria zeae</i> Schwein. 1832. ≡ <i>Hendersonia zeae</i> (Lév.) Hazsl. 1872 ≡ <i>Phaeostagonosporopsis zeae</i> (Lév.) Woron. 1925 = <i>Diplodia zeae-maydis</i> Mekht. 1962</p>	Stalk rot, white ear rot, and seedling blight of maize.
Capnodiales		
Capnodiaceae		
Capnodium	<p>Capnodium salicinum Mont. 1849 ≡ <i>Polychaeton salicinum</i> (Mont.) Kuntze 1891 = <i>Fumagospora capnodioides</i> G. Arnaud 1911</p>	Sooty mould
Davidiellaceae		
Cladosporium	<p>Cladosporium allii-cepae (Ranoj.) M.B. Ellis 1976 ≡ <i>Heterosporium allii-cepae</i> Ranoj. 1910</p>	Leaf blotch of onion
	<p>Cladosporium cladosporioides (Fresen.) G.A. De Vries 1952 ≡ <i>Penicillium cladosporioides</i> Fresen. 1850 ≡ <i>Hormodendrum cladosporioides</i> (Fresen.) Sacc. 1880 = <i>Monilia humicola</i> Oudem. 1902</p>	Leaf spot and blight, secondary pathogen
Mycosphaerellaceae		
Acrodonitum	<p>Acrodonitium simplex (G. Magenot) De Hoog 1972 ≡ <i>Beauveria simplex</i> G. Mangenot 1952</p>	Leaf speckle disease of banana
Beniowskia	<p><i>Beniowskia sphaeroidea</i> (Kalchbr. & Cooke) E.W. Mason 1928 ≡ <i>Ceratium sphaeroideum</i> Kalchbr. & Cooke 1880 = <i>Beniowskia graminis</i> Racib. 1900 = <i>Aegerita penniseti</i> Henn. 1904 = <i>Beniowskia penniseti</i> Wakef. 1916 = <i>Sporotrichum peribebuyense</i> Speg. 1886</p>	Leaf spot, blight of grasses

	= <i>Clathrotrichum subcarneum</i> Pat. 1921 = <i>Botrytis uredinicola</i> Peck 1909	
<i>Cercospora</i>	<i>Cercospora apii</i> Fresen. Invalid. name	Leaf spot on many plant hosts
	<i>Cercospora beticola</i> Sacc. 1876 ≡ <i>Cercosporina beticola</i> (Sacc.) K. Nakata, T. Nakajima & K. Katimoto 1915 = <i>Cercospora anthelmintica</i> G.F. Atk. 1892 = <i>Cercospora betae</i> Sacc. 1892 = <i>Cercospora chenopodiicola</i> Bres. 1900 = <i>Cercospora longissima</i> Cooke & Ellis 1889 = <i>Cercospora spinaciae</i> Oudem. 1900	Leaf spot of Chenopodiaceae
	<i>Cercospora brassicicola</i> Henn. 1905 = <i>Cercospora brassicae-campestris</i> Rangel 1917 ≡ <i>Cercosporina brassicae-campestris</i> (Rangel) Sacc. 1931	Leaf spot of Brassicaceae
	<i>Cercospora kikuchii</i> (T. Matsumoto & Tomoy.) M.W. Gardner 1927 [1926] ≡ <i>Cercosporina kikuchii</i> T. Matsumoto & Tomoy. 1925 = <i>Mycosphaerella phaseoli</i> Chona & Munjal 1956	
<i>Corynespora</i>	<i>Corynespora cassiicola</i> (Berk. & M.A. Curtis) C.T. Wei 1950 ≡ <i>Helminthosporium cassiicola</i> Berk. & M.A. Curtis 1868 = <i>Corynespora mazei</i> Güssow 1906 = <i>Cercospora melonis</i> Cooke 1896 ≡ <i>Corynespora melonis</i> (Cooke) Sacc. 1913 = <i>Helminthosporium papayae</i> Syd. 1923 = <i>Helminthosporium vignae</i> L.S. Olive 1945 = <i>Cercospora vignicola</i> E. Kawam. 1931 ≡ <i>Helminthosporium vignicola</i> (E. Kawam.) L.S. Olive 1949 ≡ <i>Corynespora vignicola</i> (E. Kawam.) Goto 1950 = <i>Helminthosporium warpuriae</i> Wakef. 1918	
<i>Dothistroma</i> Syn. <i>Scirrhia</i>	<i>Dothistroma pini</i> Hulbary	Red band needle blight
	<i>Dothistroma septosporum</i> (Dorog.) M. Morelet NOT DONE = <i>Mycosphaerella pini</i> Rostr. 1957 = <i>Scirrhia pini</i> A. Funk & A.K. Parker	Red band needle blight

Mycosphaerella	<p>Mycosphaerella dearnessii M.E. Barr 1972</p> <p>≡ Oligostroma acicola Dearn. 1926</p> <p>≡ Dothidea acicola (Dearn.) M. Morelet 1968</p> <p>≡ Eruptio acicola (Dearn.) M.E. Barr 1996</p> <p>≡ Scirrhia acicola (Dearn.) Sigg. 1939</p> <p>≡ Systemma acicola (Dearn.) F.A. Wolf & Barbour 1941</p> <p>= Cryptosporium acicola Thüm. 1878</p> <p>≡ Lecanosticta acicola (Thüm.) Syd. 1924</p> <p>≡ Septoria acicola (Thüm.) Sacc. 1884</p> <p>≡ Dothistroma acicola (Thüm.) Schischkina & Tsanova 1967</p> <p>= Lecanosticta pini Syd. 1921</p>	
Mycocentrospora	<p>Mycocentrospora acerina (R. Hartig) Deighton 1972</p> <p>≡ Cercospora acerina R. Hartig 1880</p> <p>≡ Ansatospora acerina (R. Hartig) H.N. Hansen & Tompkins 1945</p> <p>≡ Centrospora acerina (R. Hartig) Vienn.-Bourg. 1946</p> <p>≡ Cercosporella acerina (R. Hartig) G. Arnaud 1952</p> <p>≡ Sporidesmium acerinum (R. Hartig) A.B. Frank 1896</p> <p>= Cercospora ailanthi P. Syd. 1899</p> <p>= Cercosporella anemonis Baudys 1916</p> <p>= Cercosporella callosa Allesch. 1900</p> <p>= Cercospora cari Westerd. & Lwijk 1924</p> <p>= Cercospora daemonicola R. Sprague 1937</p> <p>= Anguillospora flagellifera Ingold 1950</p> <p>= Spermospora impatientis Melnik 1967</p> <p>= Cercospora macrospora Osterw. 1924</p> <p>≡ Centrospora macrospora (Osterw.) Neerg. 1943</p> <p>= Centrospora ohlsenii Neerg. 1942</p> <p>= Cercospora praegrans R. Sprague 1937</p> <p>Cercospora praelonga R. Sprague 1937</p> <p>= Cercosporella ulmicola Höhn. 1903</p>	leaf blight, root rot, various hosts
Passalora	<p>Passalora fusimaculans (G.F. Atk.) U. Braun & Crous 2003</p> <p>≡ Cercospora fusimaculans G.F. Atk. 1892</p> <p>≡ Phaeoramularia fusimaculans (G.F. Atk.) X.J. Liu & Y.L. Guo 1982</p> <p>= Cercospora agrostis G.F. Atk. 1892</p> <p>= Cladosporium brachyelytri H.C. Greene</p>	Leaf spot of grasses

	1964 = <i>Cercospora panici</i> Davis 1919 ≡ <i>Cercosporina panici</i> (Davis) Sacc. 1931 = <i>Cercospora panici-miliacei</i> Sawada 1931	
	<i>Passalora helianthi</i> (Ellis & Everh.) U. Braun & Crous 2003 ≡ <i>Cercospora helianthi</i> Ellis & Everh. 1887 ≡ <i>Mycovellosiella helianthi</i> (Ellis & Everh.) U. Braun 1999	Leaf spot of sunflower
	<i>Passalora janseana</i> (Racib.) U. Braun 2000 ≡ <i>Napicladium janseanum</i> Racib. 1900 ≡ <i>Cercospora janseana</i> (Racib.) Constant. 1982 = <i>Cercospora oryzae</i> I. Miyake 1910 = <i>Sphaerulina oryzina</i> Hara 1918	Narrow brown leaf spot of rice
Phaeocryptopus	<i>Phaeocryptopus gaeumannii</i> (T. Rohde) Petr. 1938 ≡ <i>Adelopus gaeumannii</i> T. Rohde 1936	Swiss needle cast of douglas fir
Polythrincium	<i>Polythrincium trifolii</i> Kunze : Fr. 1817 ≡ <i>Mycosphaerella killianii</i> Petr. 1941 = <i>Dothidella trifolii</i> Bayliss-Elliott & Stansfield 1924 = <i>Plowrightia trifolii</i> Kill. 1923 ≡ <i>Cymadothea trifolii</i> (Kill.) F.A. Wolf 1935	Sooty blotch of clover
Pseudocercospora	<i>Pseudocercospora fijiensis</i> (M. Morelet) Deighton 1976 ≡ <i>Cercospora fijiensis</i> M. Morelet 1969 ≡ <i>Paracercospora fijiensis</i> (M. Morelet) Deighton 1979 = <i>Mycosphaerella fijiensis</i> M. Morelet 1969 = <i>Cercospora fijiensis</i> var. <i>difformis</i> J.L. Mulder & R.H. Stover 1976 ≡ <i>Paracercospora fijiensis</i> var. <i>difformis</i> (J.L. Mulder & R.H. Stover) Deighton 1979 = <i>Mycosphaerella fijiensis</i> var. <i>difformis</i> J.L. Mulder & R.H. Stover 1976	Black sigatoke of banana, black leaf streak
Septocytia	<i>Septocytia ruborum</i> (Lib.) Petr. 1968 [1967] ≡ <i>Ascochyta ruborum</i> Lib. 1834 ≡ <i>Rhabdospora ruborum</i> (Lib.) Jorst. 1965 = <i>Septoria ramealis</i> Roberge ex Desm. 1851 ≡ <i>Septocytia ramealis</i> (Roberge ex Desm.) Petr. 1927 ≡ <i>Rhabdospora ramealis</i> (Roberge ex Desm.) Sacc. 1884	cane blotch of blackberry

	<p>≡ <i>Cytosporina ramealis</i> (Roberge ex Desm.) Petr. 1919</p> <p>≡ <i>Filasporea ramealis</i> (Desm. ex Roberge) Kuntze 1898</p> <p>= <i>Cytosporina rubi</i> Died. 1914</p> <p>≡ <i>Hemidothis rubi</i> (Died.) Höhn. 1917</p>	
Zymoseptoria	<p>Zymoseptoria passerinii (Sacc.) Quaedvlieg & Crous 2011</p> <p>≡ <i>Septoria passerinii</i> Sacc. 1884</p>	Speckled leaf blotch of barley
	<p>Zymoseptoria tritici (Desm.) Quaedvlieg & Crous 2011</p> <p>≡ <i>Septoria tritici</i> Desm. 1842</p> <p>= <i>Sphaeria graminicola</i> Fuckel 1865</p> <p>≡ <i>Mycosphaerella graminicola</i> (Fuckel) J. Schröt. 1894</p> <p>≡ <i>Sphaerella graminicola</i> (Fuckel) Fuckel 1870</p>	Speckles leaf blotch of wheat
Schizothyriaceae		
Schizothyrium	<p>Schizothyrium pomi (Mont.) Arx 1959</p> <p>≡ <i>Labrella pomi</i> Mont. 1834</p> <p>≡ <i>Leptothyrium pomi</i> (Mont.) Sacc. 1880</p> <p>= <i>Asterina gaultheriae</i> M.A. Curtis 1885</p> <p>= <i>Microthyriella paludosa</i> C. Booth 1958 [1957]</p>	Sooty blotch and fly speck
Coryneliales		
Caliciopsis	<p><i>Caliciopsis pinea</i> Peck</p> <p>Syn. <i>Caliciopsis stenocyboides</i> (Nyl.) Rehm</p>	canker of pine
Dothideales		
Dothideaceae		
Kabatiella Syn. Discosphaerina	<p>Kabatiella caulivora (Kirchn.) Karak. 1923</p> <p>≡ <i>Gloeosporium caulivorum</i> Kirchn. 1902</p> <p>≡ <i>Exobasidiopsis caulivora</i> (Kirchn.) Karak. 1922</p> <p>≡ <i>Aureobasidium caulivorum</i> (Kirchn.) W.B. Cooke 1962</p>	clover leaf scorch
	<p>Kabatiella zae Narita & Hirats. 1959</p> <p>≡ <i>Aureobasidium zae</i> (Narita & Hirats.) Dingley 1977</p>	eyespot of maize
Aureobasidium Syn. Dothidea	<p>Aureobasidium pullulans (de Bary) G. Arnaud 1918</p> <p>≡ <i>Dematium pullulans</i> de Bary 1866</p> <p>≡ <i>Anthostomella pullulans</i> (de Bary) F.T. Benn. 1928</p> <p>≡ <i>Pullularia pullulans</i> (de Bary) Berkhout 1923</p>	leaf spots and blights

	= <i>Aureobasidium vitis</i> Viala & Boyer 1891 ≡ <i>Exobasidium vitis</i> (Viala & Boyer) Prill. & Delacr. 1894	
	<i>Aureobasidium microstictum</i> (Bubák) W.B. Cooke 1962 ≡ <i>Kabatiella microsticta</i> Bubák 1907 = <i>Gloeosporium convallariae</i> Allesch. 1895	daylily leaf streak
Dothioraceae		
Dothiora	<i>Dothiora taxicola</i> (Peck) M.E. Barr 1972 ≡ <i>Sphaeria taxicola</i> Peck 1872 ≡ <i>Heptameria taxicola</i> (Peck) Cooke 1889 ≡ <i>Leptosphaeria taxicola</i> (Peck) Sacc. 1883 ≡ <i>Metasphaeria taxicola</i> (Peck) Peck 1889 ≡ <i>Sacothecium taxicola</i> (Peck) Kirschst. 1938 ≡ <i>Sphaerulina taxicola</i> (Peck) Berl. 1894 ≡ <i>Sydowia taxicola</i> (Peck) M.E. Barr 2001	foliage & shoot blight of <i>Taxus</i> , canker
Kabatina	<i>Kabatina thujae</i> R. Schneid. & Arx 1966	Foliage blight of cedar
Rhizosphaera	<i>Rhizosphaera kalkhoffii</i> Bubák 1914 ≡ <i>Sclerophoma pini</i> (Desm.) Höhn. 1909 = <i>Sphaeronaema pini</i> Desm. 1848	Needle blight of Pinaceae
	<i>Rhizosphaera pini</i> (Corda) Maubl. 1907 <i>Rhizosphaera abietis</i> L. Mangin & Har. 1907 <i>Coniothyrium pini</i> Corda	Needle blight of Pinaceae
Sydowia Syn. <i>Sclerophoma</i> <i>Hormonema</i>	<i>Sydowia polyspora</i> (Bref. & Tavel) E. Müll. 1953 ≡ <i>Dothidea polyspora</i> Bref. & Tavel ≡ <i>Hariotia polyspora</i> (Bref. & Tavel) Höhn. 1918 ≡ <i>Pleodothis polyspora</i> (Bref. & Tavel) Clem. 1909 ≡ <i>Plowrightia polyspora</i> (Bref. & Tavel) Sacc. 1895 ≡ <i>Plowrightiella polyspora</i> (Bref. & Tavel) Trotter 1926 = <i>Sphaeropsis acicola</i> Moug. & Lév. 1848 ≡ <i>Phoma acicola</i> (Moug. & Lév.) Sacc. 1881 = <i>Sphaeronema pythiophilum</i> Corda 1840 ≡ <i>Dothichiza pythiophila</i> (Corda) Petr. ≡ <i>Sclerophoma pithyophila</i> (Corda) Höhn. 1909 = <i>Pullularia fermentans</i> var. <i>melinii</i> E.S.	shoot dieback and canker of conifers

	Wynne & Gott 1956 = Pullularia fermentans var. melinii E.S. Wynne & Gott 1956	
Thyrostroma Syn. Wilsonomyces	Thyrostroma carpophilum (Lév.) B. Sutton 1997 ≡ Helminthosporium carpophilum Lév. 1843 ≡ Stigmina carpophila (Lév.) M.B. Ellis 1959 ≡ Clasterosporium carpophilum (Lév.) Aderh. 1901 ≡ Coryneum carpophilum (Lév.) Jauch 1940 ≡ Sciniatosporium carpophilum (Lév.) Morgan-Jones 1971 ≡ Sporocadus carpophilus (Lév.) Arx 1981 ≡ Wilsonomyces carpophilus (Lév.) Adask., J.M. Ogawa & E.E. Butler 1990 = Sporidesmium amygdalearum Pass. 1875 ≡ Clasterosporium amygdalearum (Pass.) Sacc. 1882 = Coryneum beyerinckii Oudem. 1883 = Stigmina briosiana Farneti 1902 ≡ Stigmella briosiana (Farneti) E. Bald. & Cif. 1937 = Passalora brunaudii Sacc. 1879 ≡ Napicladium brunaudii (Sacc.) Sacc. 1886 = eptosporium cerasorum Thüm. 1884 ≡ Helminthosporium cerasorum (Thüm.) Berl. & Voglino 1886 = Coryneum laurocerasi Prill. & Delacr. 1890 = Macrosporium rhabdiferum Berk. 1864 ≡ Helminthosporium rhabdiferum (Berk.) Berk. 1865	Shot hole disease of Rosaceae, peach shot hole
Lahmiales		
Lahmiaceae		
Lahmia Syn. Parkerella	Lahmia kunzei Koerb. Syn. Parkerella populi Funk	rough bark disease of aspen, poplar
Myrinagiales		
Elsinoaceae		
Elsinoë Syn. Sphaceloma	Elsinoe ampelina Shear 1929 = Sphaceloma ampelinum de Bary 1874 ≡ Gloeosporium ampelophagum (Pass.) Sacc. 1878	Anthracnose, bird's-eye rot of grapes
	Elsinoe australis Bitanc. & Jenkins 1936) = Sphaceloma australis Bitanc. & Jenk.	Sweet orange scab

	1936 ≡ <i>Sphaceloma fawcettii</i> var. <i>viscosa</i> Jenk. 1933	
	Elsinoe fawcettii Bitanc. & Jenkins 1936) ≡ <i>Sphaceloma fawcettii</i> Jenk. 1925	Sour orange scab, common scab
Pleosporales		
Cucurbitariaceae		
Rhytidiella	Rhytidiella baranyayi Funk & Zalasky	corky rough bark disease of aspen
Didymellaceae		
Acrocalymma	<i>Acrocalymma medicaginis</i> Alcorn & J.A.G. Irwin 1987 Syn. <i>Massarina walkeri</i>	<i>Acrocalymma</i> root and crown rot of alfalfa
Ascochyta	Ascochyta pisi Lib. 1830 ≡ <i>Gloeosporium pisi</i> (Lib.) Oudem. 1876 = <i>Sphaeria pisicola</i> Berk. 1859 ≡ <i>Ascochyta pisicola</i> (Berk.) Sacc. 1884	<i>Ascochyta</i> blight of pea
	Ascochyta syringae Bres. 1894	Leaf spot, blight of <i>Syringa</i>
Didymella	Didymella fabae G.J. Jellis & Punith. 1991 = <i>Ascochyta fabae</i> Speg. 1899 = <i>Ascochyta pisi</i> var. <i>fabae</i> R. Sprague 1947	Leaf spot of bean
	<i>Didymella rabiei</i> (Kovatsch.) Arx 1962 ≡ <i>Mycosphaerella rabiei</i> Kovatsch. 1936 Note: Nom. inval. no Latin. = <i>Phyllosticta cicerina</i> Prill. & Delacr. 1893 ≡ <i>Ascochyta rabiei</i> (Pass.) Labr. 1931 ≡ <i>Phoma rabiei</i> (Pass.) Khune ex Gruyter 2002 ≡ <i>Phyllosticta rabiei</i> (Pass.) Trotter 1918 <i>Phoma rabiei</i> (Pass.) Khune 1979 <i>Phoma rabiei</i> (Pass.) Khune & J.N. Kapoor 1980	
Pleiochaeta	Pleiochaeta setosa (Kirchn.) S. Hughes 1951 ≡ <i>Ceratophorum setosum</i> Kirchn. 1892	leaf spot of legumes
Leptosphaeriaceae		
Boeremia	Boeremia exigua var. exigua (Desm.) Aveskamp, Gruyter & Verkley 2010 ≡ <i>Phoma exigua</i> var. <i>exigua</i> Desm. 1849 = <i>Ascochyta phaseolorum</i> Sacc. 1878 And many more synonyms.	
Leptosphaeria	Leptosphaeria weimeri Shoemaker, C.E. Babc. & J.A.G. Irwin 1991 = <i>Gloeosporium medicaginis</i> Ellis &	

	<p>Kellerm. 1887 = Septoria medicaginis Roberge & Desm. 1847 = Depazea meliloti Lasch ≡ Stagonospora meliloti (Lasch) Petr. 1919 Gloeosporium trifolii Peck = Phoma meliloti Allesch. 1892</p>	
Plenodomus	<p>Plenodomus lingam (Tode : Fr.) Höhn. 1911 ≡ Sphaeria lingam Tode : Fr. 1791 ≡ Phoma lingam (Tode : Fr.) Desm. 1849 = Aposphaeria brassicae Thüm. 1880 ≡ Phoma brassicae Thüm. 1884 = Depazea brassicicola Desm. 1826 ≡ Depazea vagans var. brassicae J.J. Kickx 1835 ≡ Septoria brassicae Westend. & Wallays 1847 ≡ Phyllosticta brassicae Westend. 1851 = Phoma densiuscula Sacc. & Roum. 1884 = Sphaeria maculans Desm. 1846 ≡ Leptosphaeria maculans (Desm.) Ces. & De Not. 1863 = Phoma napobrassicae Rostr. 1892 ≡ Phoma lingam var. napobrassicae (Rostr.) Grove 1935 = Plenodomus rabenhorstii Preuss 1851 = Sclerotium sphaeriaeforme Lib. 1834 = Phyllosticta turritis Lobik 1928</p>	Blackleg of Brassica
Setophoma	<p>Setophoma terrestris (H.N. Hansen) Gruyter, Aveskamp & Verkley 2010 ≡ Phoma terrestris H.N. Hansen 1929 ≡ Pyrenochaeta terrestris (H.N. Hansen) Gorenz, J.C. Walker & Larson 1948</p>	Pink rot of Allium
Phaeosphaeriaceae		
Ophiosphaerella	<p>Ophiosphaerella herpotricha (Fr.) J.C. Walker 1980 ≡ Sphaeria herpotricha Fr. 1823 ≡ Ophiochaeta herpotricha (Fr.) Sacc. 1895 ≡ Phaeosphaeria herpotricha (Fr.) L. Holm 1957 ≡ Rhaphidophora herpotricha (Fr.) Cooke 1889 ≡ Ophiobolus herpotrichus (Fr.) Sacc. 1881</p>	
Parastagonospora	<p>Parastagonospora nodorum (Berk.) Quaedvlieg, Verkley & Crous 2013 ≡ Depazea nodorum Berk. 1845</p>	Glume blotch of wheat and other

	<p>≡ <i>Hendersonia nodorum</i> (Berk.) Petr. 1947 ≡ <i>Septoria nodorum</i> (Berk.) Berk. 1845 ≡ <i>Stagonospora nodorum</i> (Berk.) Castell. & E.G. Germano 1977 = <i>Septoria glumarum</i> Pass. 1879 = <i>Phoma hennebergii</i> J.G. Kühn 1877 ≡ <i>Macrophoma hennebergii</i> (J.G. Kühn) Berl. & Voglino 1886 ≡ <i>Rhabdospora hennebergii</i> (J.G. Kühn) Sacc. & D. Sacc. 1906 ≡ <i>Stagonospora hennebergii</i> (J.G. Kühn) Petr. & Syd. 1925 = <i>Septoria holci</i> Pass. 1879 = <i>Leptosphaeria nodorum</i> E. Müll. 1952 ≡ <i>Phaeosphaeria nodorum</i> (E. Müll.) Hedjaroude 1968</p>	grasses.
Lophiostomataceae		
Herpotrichia	<p>Herpotrichia herpotrichoides (Fuckel) P.F. Cannon 1982 ≡ <i>Sphaeria herpotrichoides</i> Fuckel 1864 = <i>Herpotrichia rhenana</i> Fuckel 1870 ≡ <i>Pyrenochaetella rhenana</i> (Sacc.) Höhn. 1917 ≡ <i>Herpotrichiopsis rhenana</i> (Sacc.) Höhn. 1914 = <i>Herpotrichia rubi</i> Fuckel 1868</p>	snow blight of conifers
Keissleriella	<p>Diplodia tumefaciens (Shear) Zalasky 1964 ≡ <i>Macrophoma tumefaciens</i> Shear 1915 = <i>Sphaeria emergens</i> P. Karst. 1873 ≡ <i>Keissleriella emergens</i> (P. Karst.) S.K. Bose 1961</p>	Diplodia gall of aspen, cottonwood
Pleosporaceae		
Alternaria Syn. Lewia	<p>Alternaria alternata (Fr. : Fr.) Keissl. 1912 ≡ <i>Torula alternata</i> Fr. 1832 ≡ <i>Alternaria tenuis</i> Nees 1816 = <i>Macrosporium erumpens</i> Cooke 1883 ≡ <i>Alternaria erumpens</i> (Cooke) P. Joly 1964 = <i>Macrosporium meliloti</i> Peck 1880 = <i>Macrosporium polytrichi</i> Peck 1890 = <i>Macrosporium seguierii</i> Allesch. 1894</p>	Leaf spot, rots
	<p>Alternaria brassicae (Berk.) Sacc. 1880 ≡ <i>Macrosporium brassicae</i> Berk. 1836 = <i>Cercospora bloxami</i> Berk. & Broome 1882 ≡ <i>Rhopalidium brassicae</i> (Mont.) Mont. &</p>	

	<p>Fr. 1836 = Sporidesmium brassicae Masee 1901 = Alternaria brassicae var. macrospora Sacc. 1886 = Macrosporium brassicae var. macrosporum A.G. Eliasson 1896 = Sporidesmium exitiosum J.G. Kühn 1855 ≡ Polydesmus exitiosus (J.G. Kühn) J.G. Kühn 1859 ≡ Alternaria brassicae var. exitiosa (J.G. Kühn) Ferraris 1902 = Macrosporium herculeum Ellis & G. Martin 1882 ≡ Alternaria herculea (Ellis & G. Martin) J.A. Elliott 1917 = Cercospora lepidii Peck 1884 = Cercospora moldavica Savul. & Bontea 1946 = Sporidesmium onnii P. Karst. 1891</p>	
	<p>Alternaria tomato (Cooke) Jones 1896 ≡ Macrosporium tomato Cooke 1883</p>	Nailhead spot of tomato
Alternariaster	<p>Alternariaster helianthi (Hansf.) E.G. Simmons 2007 ≡ Helminthosporium helianthi Hansf. 1943 ≡ Alternaria helianthii (Hansf.) Tubaki & Nishih. 1969 Helminthosporium helianthi Hansf. 1943 [1942-43]</p>	Leaf spot of sunflower
Bipolaris Syn. Cochliobolus	<p>Bipolaris maydis (Y. Nisik. & Miyake) Shoemaker 1959 ≡ Helminthosporium maydis Y. Nisik. & Miyake 1926 ≡ Drechslera maydis (Y. Nisik. & Miyake) Subram. & P.C. Jain 1966 = Ophiobolus heterostrophus Drechsler 1925 ≡ Cochliobolus heterostrophus (Drechsler) Drechsler 1934</p>	Southern corn leaf blight of maize
	<p>Bipolaris oryzae (Breda de Haan) Shoemaker 1959 ≡ Helminthosporium oryzae Breda de Haan 1900 ≡ Drechslera oryzae (Breda de Haan) Subram. & P.C. Jain 1966 = Ophiobolus miyabeanus Ito & Kurib. 1927 ≡ Cochliobolus miyabeanus (Ito & Kurib.)</p>	

	Drechsler ex Dastur 1942	
	<p>Bipolaris sacchari (E.J. Butler) Shoemaker 1959</p> <p>≡ Helminthosporium sacchari E.J. Butler 1913</p> <p>≡ Drechslera sacchari (E.J. Butler) Subram. & B.L. Jain 1966</p> <p>= Cercospora sacchari Breda de Haan 1892</p>	
	<p>Bipolaris sorokiniana (Sacc.) Shoemaker 1959</p> <p>≡ Helminthosporium sorokinianum Sacc. 1891</p> <p>≡ Helminthosporium sativum Pammel, C.M. King & Bakke 1910</p> <p>≡ Drechslera sorokiniana (Sacc.) Subram. & B.L. Jain 1966</p> <p>= Helminthosporium acrothecioides Lindf. 1918</p> <p>= Helminthosporium californicum Mackie & G.E. Paxton 1923</p> <p>= Ophiobolus sativus S. Ito & Kurib. 1929</p> <p>≡ Cochliobolus sativus (S. Ito & Kurib.) Drechsler ex Dastur 1942</p>	
	<p>Bipolaris victoriae (F. Meehan & Murphy) Shoemaker 1959</p> <p>≡ Helminthosporium victoriae F. Meehan & Murphy 1946</p> <p>≡ Drechslera victoriae (F. Meehan & Murphy) Subram. & P.C. Jain 1966</p> <p>= Cochliobolus victoriae R.R. Nelson 1960</p>	
Curvularia	<p>Curvularia geniculata (Tracy & Earle) Boedijn 1933</p> <p>≡ Helminthosporium geniculatum Tracy & Earle 1896</p> <p>= Cochliobolus geniculatus R.R. Nelson 1964</p>	
	<p>Curvularia hawaiiensis (Bugnic.) Manamgoda, L. Cai & K.D. Hyde 2012</p> <p>≡ Helminthosporium hawaiiense Bugnic. 1955</p> <p>≡ Drechslera hawaiiensis (Bugnic.) Subram. & B.L. Jain 1966</p> <p>= Cochliobolus hawaiiensis Alcorn 1978</p> <p>≡ Pseudocochliobolus hawaiiensis (Alcorn) Tsuda & Ueyama 1981</p> <p>≡ Bipolaris hawaiiensis (M.B. Ellis) J.Y. Uchida & Aragaki 1979</p>	

	<p>Curvularia lunata (Wakker) Boedijn 1933 ≡ Acrothecium lunatum Wakker 1898 = Helminthosporium caryopsidum Sacc. 1914 ≡ Curvularia caryopsidum (Sacc.) Teng 1964 = Cochliobolus lunatus R.R. Nelson & Haasis 1964 ≡ Pseudocochliobolus lunatus (R.R. Nelson & Haasis) Tsuda, Ueyama & Nishih. 1978 = Helminthosporium sudanense Gonz. Frag. & Cif. 1926 ≡ Curvularia sudanensis (Gonz. Frag. & Cif.) Castell. 1952</p>	
Exserohilum Syn. Setosphaeria	<p>Exserohilum rostratum (Drechsler) K.J. Leonard & Suggs 1974 ≡ Helminthosporium rostratum Drechsler 1923 ≡ Bipolaris rostrata (Drechsler) Shoemaker 1959 ≡ Drechslera rostrata (Drechsler) M.J. Richardson & E.M. Fraser 1968 = Helminthosporium halodes Drechsler 1923 ≡ Bipolaris halodes (Drechsler) Shoemaker 1959 ≡ Exserohilum halodes (Drechsler) K.J. Leonard & Suggs 1974 ≡ Drechslera halodes (Drechsler) Subram. & B.L. Jain 1966 ≡ Luttrellia rostrata (Drechsler) Gornostai 1978</p>	leaf spots and blights of cereals
Hapalosphaeria	<p>Hapalosphaeria deformans (Syd.) Syd. 1908 Paepalopsis deformans Syd. 1907</p>	stamen blight
Leptosphaerulina	<p>Leptosphaerulina trifolii (Rostr.) Petr. 1959 ≡ Sphaerulina trifolii Rostr. 1899 ≡ Pleospora trifolii (Rostr.) Petr. 1927 ≡ Pseudoplea trifolii (Rostr.) Petr. 1921 ≡ Pseudosphaeria trifolii (Rostr.) Höhn. 1929 ≡ Saccothecium trifolii (Rostr.) Kirschst. 1938 = Pleosphaerulina briosiana Pollacci 1902</p>	leaf spot/blight of legumes

	<p>≡ <i>Leptosphaerulina briosiana</i> (Pollacci) J.H. Graham & Luttr. 1961</p> <p>≡ <i>Pseudoplea briosiana</i> (Pollacci) Höhn. 1918</p> <p>= <i>Pseudoplea medicaginis</i> Miles 1925</p> <p>= <i>Pleosphaerulina setariae</i> Lobik 1928</p> <p>= <i>Pleosphaerulina smilacicola</i> Speg. 1909</p> <p>= <i>Leptosphaerulina vignae</i> Tehon & G.L. Stout</p> <p>.</p>	
Pithomyces	<p>Pithomyces chartarum (Berk. & M.A. Curtis) M.B. Ellis 1960</p> <p>≡ <i>Sporidesmium chartarum</i> Berk. & M.A. Curtis 1874</p> <p>≡ <i>Piricauda chartarum</i> (Berk. & M.A. Curtis) R.T. Moore 1959</p> <p>= <i>Sporidesmium bakeri</i> Syd. & P. Syd. 1914</p> <p>= <i>Leptosphaerulina chartarum</i> Cec. Roux 1986</p>	
Pleospora	<p>Pleospora herbarum (Pers. : Fr.) Rabenh. 1857</p> <p>≡ <i>Sphaeria herbarum</i> Pers. : Fr. 1801</p> <p>= <i>Stemphylium herbarum</i> E.G. Simmons 1986 [1985]</p> <p>= <i>Pleospora herbarum</i> var. <i>citrorum</i> Sacc. 1883</p> <p>= <i>Sporidesmium putrefaciens</i> Fuckel 1870</p> <p>≡ <i>Clasterosporium putrefaciens</i> (Fuckel) Sacc. 1886</p> <p>= <i>Macrosporium cheiranthi</i> var. <i>betae</i> Cooke 1871</p> <p>≡ <i>Alternaria putrefaciens</i> (Fuckel) E.G. Simmons 1995</p> <p>= <i>Macrosporium cheiranthi</i> var. <i>betae</i> Cooke 1871</p>	foliage spots and blights of alfalfa, onion, pear, others
Pyrenophora	<p>Pyrenophora tritici-repentis (Died.) Drechsler 1923</p> <p>≡ <i>Pleospora tritici-repentis</i> Died. 1903</p> <p>≡ <i>Pleospora trichostoma</i> f. sp. <i>tritici-repentis</i> Died. 1902</p> <p>≡ <i>Drechslera tritici-repentis</i> (Died.) Shoemaker 1959</p> <p>≡ <i>Helminthosporium gramineum</i> f. sp. <i>tritici-repentis</i> Died. 1902</p> <p>= <i>Helminthosporium tritici-vulgaris</i> Y. Nisik. 1928</p> <p>≡ <i>Drechslera tritici-vulgaris</i> (Y. Nisik.) S.</p>	Yellow leaf spot and blight of cereals, turf grass

	Ito 1930	
Seifertia	Seifertia azaleae Syn. Pycnostysanus azaleae	azalea leaf, bud blight
Stemphylium	Stemphylium botryosum Wallr. 1886 = <i>Macrosporium commune</i> Rabenh. 1870 = <i>Pleospora tarda</i> E.G. Simmons 1986 [1985]	
Venturiaceae		
Apiosporina	Apiosporina morbosa (Schwein. : Fr.) Arx 1954 ≡ <i>Plowrightia morbosa</i> (Schwein. : Fr.) Sacc. 1883 ≡ <i>Dibotryon morbosum</i> (Schwein. : Fr.) Theiss. & Syd. 1915	black knot of cherry
Protoventuria	Protoventuria barriae Carris & A.P. Poole 1993	Reddened leaf spot of cranberry
Venturia Syn. Fusicladium ??Spilocea, Piggotia, Pollacia	Venturia carpophila E.E. Fisher 1961 = <i>Cladosporium americanum</i> H.C. Greene 1949 = <i>Fusicladium amygdali</i> Ducomet 1911 = <i>Cladosporium carpophilum</i> Thüm. 1877 ≡ <i>Fusicladium carpophilum</i> (Thüm.) Oudem. 1900 ≡ <i>Megacladosporium carpophilum</i> (Thüm.) Vienn.-Bourg. 1949 ≡ <i>Fusicladosporium carpophilum</i> (Thüm.) Partridge & Morgan-Jones 2003 = <i>Fusicladium pruni</i> Ducomet 1907	shoot and leaf blight of Rosaceae
	Venturia inaequalis (Cooke) G. Winter 1875 ≡ <i>Sphaerella inaequalis</i> Cooke 1866 ≡ <i>Endostigme cinerascens</i> (Aderh.) Jorst. 1945 ≡ <i>Spilosticta cinerascens</i> (Aderh.) Petr. 1947 ≡ <i>Didymosphaeria inaequalis</i> (Cooke) Niessl 1881 ≡ <i>Endostigme inaequalis</i> (Cooke) Syd. 1923 ≡ <i>Spilosticta inaequalis</i> (Cooke) Petr. 1940 ≡ <i>Venturia inaequalis</i> var. <i>cinerascens</i> Aderh. 1900 = <i>Phaeosphaerella berolinensis</i> Kirschst. 1938 = <i>Venturia chlorospora</i> f. <i>mali</i> Aderh. 1894 = <i>Actinonema crataegi</i> Pers. 1822 ≡ <i>Capillaria crataegi</i> (Pers.) Link 1824 ≡ <i>Phlyctidium crataegi</i> (Pers.) Wallr. 1833	apple scab

	<p>≡ <i>Spilocaea crataegi</i> (Pers.) S. Hughes 1958 ≡ <i>Asteroma crataegi</i> (Pers.) Rabenh. 1844 = <i>Asteroma crataegi</i> var. <i>sorbi</i> Desm. 1846 = <i>Cladosporium dendriticum</i> Wallr. 1833 ≡ <i>Fusicladium dendriticum</i> (Wallr.) Fuckel 1870 [1869] ≡ <i>Passalora dendritica</i> (Wallr.) Sacc. 1876 = <i>Venturia inaequalis</i> f. sp. <i>mali</i> R. Menon 1956 = <i>Asteroma mali</i> Desm. 1841 = <i>Fumago mali</i> Pers. 1822 = <i>Spilocaea pomi</i> Fr. : Fr. 1819 ≡ <i>Fusicladium pomi</i> (Fr. : Fr.) Lind 1913 = <i>Asteroma crataegi</i> var. <i>pomi</i> Desm. 1846</p>	
Xenomeris	Xenomeris abietis M.E. Barr 1968 = <i>Sclerophoma xenomeria</i> Funk 1980	dieback of Douglas-fir, hemlock
Eurotiomycetes		
Eurotiales		
Monascaceae		
Allescheria		human pathogens, sometimes assoc w/ plant diseases
Monascus Syn. <i>Basipetospora</i>	<i>Monascus purpurea</i> Went.	red yeast rice, used in food fermentations
Trichochoomaceae		
Byssochlamys	<i>Paecilomyces</i>	food spoilage
Emericella	<i>Aspergillus</i>	rot of peanuts, aflatoxins
Eupenicillium	<i>Penicillium</i>	storage rots, garlic blue mold
Eurotium	<i>Aspergillus</i>	food spoliage, black mold of onion
Penicilliopsis		seed parasite, tropical distribution
Talaromyces	<i>Penicillium</i>	storage rot of fruit
Leotiomycetes		
Erysiphales		
Erysiphaceae		powdery mildews
Blumeria Syn. <i>Oidium</i>	<i>Blumeria graminis</i>	powdery mildew of grasses
Erysiphe	<i>Erysiphe graminis</i>	powdery mildews of herbaceous plants
	<i>Erysiphe macrospora</i>	

Leveillula Syn. Oidiopsis	Leveillula taurica (Lév.) G. Arnaud	powdery mildew of cotton and many other hosts
Microsphaera	Microsphaera alni	powdery mildew of oak, alder, lilac, currant
Phyllactinia	Ovariopsis	powdery mildew of hazel, ash, birch
Podosphaera	Podosphaera leucotricha	powdery mildew of apple, plum
Sphaerotheca	Sphaerotheca macularis	powdery mildew of hops
Uncinula	Uncinula necator	mildew of grape, maple powdery mildew
Helotiales		
Cyttariaceae		
Cyttaria	Cyttaria berteroi Berk.	gall and canker of Nothofagus
Dermateaceae		
Atropellis	Atropellis pinicola Zeller & Goodd. 1930 ≡ Godronia zelleri Seaver 1945	canker of conifers; on EPPO list, Sept 2013
Blumeriella Syn. Phloeosporrella	Blumeriella jaapii (Rehm) Arx 1961 ≡ Pseudopeziza jaapii Rehm 1907 ≡ Higginsia jaapii (Rehm) Nannf. 1932 = Cocomyces hiemalis B.B. Higgins 1913 ≡ Higginsia hiemalis (B.B. Higgins) Nannf. 1932 ≡ Blumeriella hiemalis (B.B. Higgins) Pöldmaa 1967 = Cylindrosporium hiemalis Higgins 1914 ≡ Phloeosporrella hiemalis (B.B. Higgins) Pöldmaa 1967 = Cocomyces lutescens B.B. Higgins 1914 ≡ Higginsia lutescens (B.B. Higgins) Nannf. 1932 = Cylindrosporium lutescens B.B. Higgins 1914 = Ascochyta padi Lib. 1832 = Cylindrosporium padi P. Karst. 1884 ≡ Phloeospora padi (P. Karst.) Petr. 1919 = Septoria padi Lasch 1842 = Cocomyces prunophorae B.B. Higgins 1914 ≡ Higginsia prunophorae (B.B. Higgins) Nannf. 1932 = Cylindrosporium prunophorae B.B.	cherry leaf spot, shot hole disease of Prunus

	Higgins 1914	
	Blumeriella kerriae (V.B. Stewart) Korf 1971 ≡ <i>Coccomyces kerriae</i> V.B. Stewart 1917 ≡ <i>Higginsia kerriae</i> (V.B. Stewart) Nannf. 1932	
Cadophora	Cadophora gregata (Allington & D.W. Chamb.) T.C. Harr. & McNew 2003 ≡ <i>Cephalosporium gregatum</i> Allington & D.W. Chamb. 1948 ≡ <i>Phialophora gregata</i> (Allington & D.W. Chamb.) W. Gams 1971	Brown stem rot of soybean and other legumes
Dermea Syn. Foveostroma,	Dermea abietinum (Peck) Rossman 2014 ≡ <i>Gelatinosporium abietinum</i> Peck 1873 ≡ <i>Micropera abietina</i> (Peck) Höhn. 1926 ≡ <i>Foveostroma abietinum</i> (Peck) DiCosmo 1978 = <i>Cenangium balsameum</i> Peck 1885 ≡ <i>Dermea balsamea</i> (Peck) Seaver 1932 = <i>Cenangium balsameum</i> var. <i>abietinum</i> Peck 1890	canker of conifers
	Diplocarpon fragariae (Sacc.) Rossman 2014 ≡ <i>Leptothyrium fragariae</i> Lib. 1832 = <i>Peziza earliana</i> Ellis & Everh. 1884 ≡ <i>Diplocarpon earlianum</i> (Ellis & Everh.) F.A. Wolf 1924 ≡ <i>Fabraea earliana</i> (Ellis & Everh.) Seaver 1951 = <i>Phyllosticta potentillae</i> Desm. 1847 ≡ <i>Marssonina potentillae</i> (Desm.) Magnus 1906 = <i>Marssonina potentillae</i> var. <i>fragariae</i> Sacc. 1937	Leaf scorch of strawberry
Diplocarpon Syn. Entomosporium, Fabraea, Marssonina	Diplocarpon mespili (Sorauer) B. Sutton 1980 ≡ <i>Stigmatea mespili</i> Sorauer 1878 = <i>Fabraea maculata</i> Atk. 1951 ≡ <i>Diplocarpon maculatum</i> (Atk.) Jørst. 1945 = <i>Entomosporium maculatum</i> Lév. 1857 [1856] = <i>Entomosporium maculatum</i> var. <i>domesticum</i> (Sacc.) Grove 1884 = <i>Xyloma mespili</i> DC. 1815 ≡ <i>Entomosporium mespili</i> (DC.) Sacc. 1880	Black spot of roses

<p>Oculimacula</p>	<p>.</p> <p>Oculimacula yallundae (Wallwork & Spooner) Crous & W. Gams 2003 ≡ Tapesia yallundae Wallwork & Spooner 1988 ≡ Tapesia yallundae var. yallundae = Cercosporella herpotrichoides Fron 1912 ≡ Pseudocercosporella herpotrichoides (Fron) Deighton 1973 ≡ Helgardia herpotrichoides (Fron) Crous & W. Gams 2003 ≡ Ramulispora herpotrichoides var. herpotrichoides ≡ Ramulispora herpotrichoides (Fron) Arx 1983</p>	
<p>Pilidium Syn. Discohainsia Hainesia</p>	<p>Pilidium lythri (Desm.) Rossman 2014 ≡ Dacrymyces lythri Desm. 1846 ≡ Hainesia lythri (Desm.) Höhn. 1906 = Hainesia castaneae Oudem. 1902 = Ceuthospora concava Desm. 1847 ≡ Pilidium concavum (Desm.) Höhn. 1915 ≡ Sclerotiopsis concava (Desm.) Shear & B.O. Dodge 1921 = Sphaeronaema corneum Cooke & Ellis 1878 = Hainesia epilobii A.G. Eliasson 1896 = Patellina fragariae F. Stevens & Peterson 1916 = Hainesia jabalpurensis Sahni 1968 = Hainesia lunata J. Kranz 1969 = Pezizella lythri Shear & B.O. Dodge 1921 = Peziza oenotherae Cooke & Ellis 1878 ≡ Discohainesia oenotherae (Cooke & Ellis) Nannf. 1932 ≡ Pezizella oenotherae (Cooke & Ellis) Sacc. 1889 ≡ Hymenoscyphus oenotherae (Cooke & Ellis) Kuntze 1898 ≡ Helotium oenotherae (Cooke & Ellis) Höhn. 1926 ≡ Mollisia oenotherae (Cooke & Ellis) Seaver 1951 = Gloeosporium rhoinum Sacc. 1881 ≡ Hainesia rhoina (Sacc.) Ellis & Sacc. 1884 ≡ Hymenula rhoina (Ellis & Sacc.) Bubák & Kabát 1912 = Tubercularia rhois Halst. 1893</p>	<p>fruit rot of strawberry, stem rot of Rubus, canker of Eucalyptus</p>

	<p>= <i>Hainesia rostrupii</i> Oudem. 1902 = <i>Gloeosporium tremellinum</i> Sacc. 1880 ≡ <i>Hainesia tremellina</i> (Sacc.) Sacc. 1884 = <i>Tubercularia zythioides</i> C. Massal. 1893</p>	
<p><i>Drepanopeziza</i> Syn. <i>Gloeosporidiella</i></p>	<p><i>Drepanopeziza populi-albae</i> (Kleb.) Nannf. 1932 ≡ <i>Pseudopeziza populi-albae</i> Kleb. 1918 = <i>Gloeosporium castagnei</i> Desm. & Mont. 1849 ≡ <i>Marssonina castagnei</i> (Desm. & Mont.) Magnus 1906 = <i>Leptothyrium populi</i> Lib. ≡ <i>Marssonina populi</i> (Lib.) Magnus 1906 ≡ <i>Gloeosporium populi</i> (Lib.) Mont. & Desm. 1876 <i>Marssonina populi</i> (Lib.) Sacc. 1884</p>	leaf and shoot blights
	<p><i>Drepanopeziza ribis</i> (Kleb.) Höhn. 1917 ≡ <i>Pseudopeziza ribis</i> Kleb. 1906 = <i>Leptothyrium ribis</i> Lib. 1834 ≡ <i>Gloeosporidiella ribis</i> (Lib.) Petr. 1921</p>	Anthracnose of <i>Ribes</i>
<i>Durandiella</i>	<p><i>Durandiella pseudotsugae</i> Funk 1962 = <i>Chondropodium pseudotsugae</i> W.L. White 1936 ≡ <i>Corniculariella pseudotsugae</i> (W.L. White) DiCosmo 1978</p>	dime canker of Douglas-fir
<p><i>Leptotrochila</i> Syn. <i>Sporonema</i></p>	<p><i>Leptotrochila medicaginis</i> (Fuckel) H. Schüepp 1959 ≡ <i>Pyrenopeziza medicaginis</i> Fuckel 1870 [1869-70] = <i>Pseudopeziza jonesii</i> Nannf. 1932 = <i>Ascochyta medicaginis</i> Fuckel 1870 [1869] ≡ <i>Phyllosticta medicaginis</i> (Fuckel) Sacc. 1884 = <i>Gloeosporium morianum</i> Sacc. 1886 = <i>Sporonema phacidioides</i> Desm. 1847</p>	yellow leaf blotch of alfalfa, leaf blight of clover
<p><i>Neofabraea</i> Syn. <i>Phlyctaema</i></p>	<p><i>Neofabraea malicorticis</i> H. Jacks. 1913 ≡ <i>Pezicula malicorticis</i> (H. Jacks.) Nannf. 1932 = <i>Macrophoma curvispora</i> Peck 1900 ≡ <i>Cryptosporiopsis curvispora</i> (Peck) Gremmen 1959 = <i>Gloeosporium malicorticis</i> Cordley 1900 ≡ <i>Cryptosporiopsis malicorticis</i> (Cordley) Nannf. 1932 ≡ <i>Myxosporium malicorticis</i> (Cordley)</p>	canker of poplar, other woody hosts

	Potebnia 1907	
Pezicula Syn. Cryptosporiopsis	Pezicula cinnamomea (DC.) Sacc. 1881 ≡ <i>Peziza cinnamomea</i> DC. 1815 ≡ <i>Dermatea cinnamomea</i> (DC.) W. Phillips 1887 ≡ <i>Encoelia cinnamomea</i> (DC.) Chaillet 1886 ≡ <i>Scleroderris cinnamomea</i> (DC.) Masee 1895 = <i>Dermatea alni</i> Rehm 1889 ≡ <i>Dermatella quercina</i> var. <i>alni</i> (Rehm) Sacc. 1889 ≡ <i>Pezicula alni</i> (Rehm) Rehm 1912 = <i>Dermatea australis</i> Rehm 1889 ≡ <i>Dermatella australis</i> (Rehm) Sacc. 1889 ≡ <i>Pezicula australis</i> (Rehm) Rehm 1912 = <i>Dermatea betulae</i> Rehm 1885 ≡ <i>Dermatella betulae</i> (Rehm) Sacc. & P. Syd. 1889 ≡ <i>Pezicula betulae</i> (Rehm) Rehm 1912 = <i>Dermatea carnea</i> Cooke & Ellis 1876 ≡ <i>Pezicula carnea</i> (Cooke & Ellis) Rehm 1912 = <i>Pezicula cinnamomea</i> f. <i>castaneae</i> Sacc. 1881 = <i>Dermatea conigena</i> W. Phillips 1881 ≡ <i>Pezicula conigena</i> (W. Phillips) Sacc. 1889 = <i>Pezicula cornicola</i> Seaver 1937 = <i>Dermatea coryli</i> Tul. 1853 ≡ <i>Pezicula coryli</i> (Tul.) Tul. & C. Tul. 1865 ≡ <i>Encoelia coryli</i> (Tul.) Quél. 1880 = <i>Dermatea dissepta</i> Tul. 1853 ≡ <i>Pezicula dissepta</i> (Tul.) Tul. & C. Tul. 1865 ≡ <i>Dermatella dissepta</i> (Tul.) Sacc. 1884 = <i>Dermatea dryina</i> Cooke ex W. Phillips 1887 ≡ <i>Pezicula dryina</i> (Cooke ex W. Phillips) Sacc. 1889 = <i>Pezicula eucalypti</i> Korf & Iturr. 1997 = <i>Pezicula fagicola</i> Rehm ex Wagner 1896 = <i>Pezicula ilicina</i> Kirschst. 1944 = <i>Dermatina javanica</i> Höhn. 1909 = <i>Pezicula juniperina</i> Rehm 1912 = <i>Dermatea laricicola</i> Fuckel 1867 ≡ <i>Pezicula laricicola</i> (Fuckel) Fuckel 1870 = <i>Patellaria livida</i> Berk. & Broome 1854	postharvest rot, apple canker

	<p>≡ <i>Durella livida</i> (Berk. & Broome) Sacc. 1889</p> <p>≡ <i>Pezicula livida</i> (Berk. & Broome) Rehm 1878</p> <p>≡ <i>Lacaniidion lividum</i> (Berk. & Broome) Lambotte 1880</p> <p>≡ <i>Dermatea livida</i> (Berk. & Broome) W. Phillips 1887</p> <p>≡ <i>Dermatella livida</i> (Berk. & Broome) Sacc. 1889</p> <p>≡ <i>Scleroderris livida</i> (Berk. & Broome) Masee 1895</p> <p>= <i>Dermatella livida</i> subsp. <i>pachyspora</i> Sacc. 1889</p> <p>= <i>Dermatea minuta</i> Peck 1879</p> <p>≡ <i>Pezicula minuta</i> (Peck) Peck 1887</p> <p>= <i>Dermatea pallidula</i> Cooke 1888</p> <p>≡ <i>Scleroderris pallidula</i> (Cooke) Sacc. 1889</p> <p>≡ <i>Pezicula pallida</i> (Cooke) Rehm 1912</p> <p>= <i>Pezicula plantarium</i> Wollenw. 1939</p> <p>= <i>Dermatea pseudoplatani</i> W. Phillips 1888</p> <p>≡ <i>Pezicula pseudoplatani</i> (W. Phillips) Masee 1895</p> <p>= <i>Dermatea quercina</i> Fuckel 1866</p> <p>≡ <i>Pezicula quercina</i> (Fuckel) Fuckel 1870</p> <p>≡ <i>Dermatella quercina</i> (Fuckel) Sacc. 1889</p> <p>≡ <i>Dermea quercina</i> (Fuckel) Rehm 1896</p> <p>= <i>Dermatea quercina</i> f. <i>aceris</i> Rehm 1887</p> <p>≡ <i>Dermatea alni</i> f. <i>aceris</i> (Rehm) Rehm 1889</p> <p>≡ <i>Dermatella quercina</i> var. <i>aceris</i> (Rehm) Sacc. 1889</p> <p>= <i>Pezicula salicacearum</i> Kirschst. 1941</p> <p>= <i>Dermatea simillima</i> Ellis & Everh. 1894 [1893]</p>	
<p><i>Pyrenopeziza</i> Syn. <i>Cylindrosporium</i></p>	<p><i>Pyrenopeziza brassicae</i> B. Sutton & Rawl. 1979 [1978]</p> <p>= <i>Cylindrosporium concentricum</i> Grev. 1822</p> <p>≡ <i>Gloeosporium concentricum</i> (Grev.) Berk. & Broome 1850</p> <p>≡ <i>Cylindrodochium concentricum</i> (Grev.) Bonord.</p>	<p>light leaf spot of winter oilseed rape (Brassica)</p>
<p><i>Rhynchosporium</i></p>	<p><i>Rhynchosporium secalis</i> (Oudem.) Davis 1919</p> <p>≡ <i>Marssonina secalis</i> Oudem. 1897</p> <p>≡ <i>Marssonina secalis</i> (Oudem.) Magnus</p>	<p>leaf blotch of cereals</p>

	1906	
Helotiaceae		
Ascocalyx	Ascocalyx berenice (Berk. & M.A. Curtis) Baschien 2014 ≡ <i>Fusisporium berenice</i> Berk. & M.A. Curtis 1875 ≡ <i>Bothrodiscus berenice</i> (Berk. & M.A. Curtis) J.W. Groves 1968 = <i>Ascocalyx abietis</i> Naumov 1925 [1926] ≡ <i>Godronia abietis</i> (Naumov) Seaver 1945 ≡ <i>Fusarium berenice</i> (Berk. & M.A. Curtis) Sacc. 1886 = <i>Bothrodiscus pinicola</i> Shear 1907	canker, branch dieback of pine
Crumenulopsis Syn. Digitosporium	Crumenulopsis sororia (P. Karst.) J.W. Groves 1969 ≡ <i>Crumenula sororia</i> P. Karst. 1871 ≡ <i>Godronia sororia</i> (P. Karst.) P. Karst. 1885 = <i>Digitosporium piniphilum</i> Gremmen 1953	canker of pine, dieback
Godronia Syn. Topospora	Godronia cassandrae Peck 1885 = <i>Godronia cassandrae</i> f. <i>ribicola</i> J.W. Groves 1965 = <i>Godronia cassandrae</i> f. <i>vaccinii</i> J.W. Groves 1965 = <i>Fusicoccum putrefaciens</i> Shear 1917 = <i>Sphaeronaema radula</i> Berk. & M.A. Curtis 1874 ≡ <i>Rhynchophoma radula</i> (Berk. & M.A. Curtis) Sacc. 1884	canker of blueberry, cranberry fruit rot
Gremmeniella Syn. Brunchorstia	Gremmeniella abietina (Lagerb.) M. Morelet 1969 ≡ <i>Crumenula abietina</i> Lagerb. 1913 ≡ <i>Lagerbergia abietina</i> (Lagerb.) J. Reid ex Dennis 1971 = <i>Brunchorstia destruens</i> Erikss. 1891 = <i>Crumenula pinea</i> Ferd. & C.A. Jørg. 1939 = <i>Septoria pinea</i> P. Karst. 1884 ≡ <i>Brunchorstia pinea</i> (P. Karst.) Höhn. 1915 ≡ <i>Excipulina pinea</i> (P. Karst.) Höhn. 1903	branch dieback of pine, Scleroderris canker of conifers
Grovesiella	Grovesiella abieticola (Zeller & Goodd.) M. Morelet & Gremmen 1969 ≡ <i>Scleroderris abieticola</i> Zeller & Goodd. 1930 ≡ <i>Godronia abieticola</i> (Zeller & Goodd.) Seaver 1951 = <i>Pitostroma abietinum</i> Kowalski & Sieber 1992	canker, branch dieback of fir

Mastigosporium	Mastigosporium album Riess 1863 ≡ Bactridium album (Riess) Bonord. 1862 = Excipulina graminum P. Karst. 1887 ≡ Mastigosporium graminum (P. Karst.) Nag Raj 1979 = Pestalozzina soraueriana Sacc. 1894	leaf spots of grasses, purple eyespot
Pragmopora Syn. Pragmopycnis	Pragmopora pithya (Fr.) J.W. Groves 1967 ≡ Excipula pithya Fr. 1822 = Pragmopycnis pithya B. Sutton & Funk 1975	canker of conifers
Hemiphacidiaceae		
Rhabdocline Syn. Meria, Rhabdogloeum	Rhabdocline pseudotsugae Syd. 1922	needle casts of Douglas-fir, larch
Hyaloscyphaceae		
Lachnellula	Lachnellula willkommii (R. Hartig) Dennis 1962 ≡ Peziza willkommii Hartig 1874 Variant spelling Peziza willkommii Hartig 1874 ≡ Dasyscyphus willkommii (R. Hartig) Rehm 1881 Note: as -Dasyscypha- ≡ Helotium willkommii (Hartig) Wettst. 1887 ≡ Lachnella willkommii (Hartig) Seaver 1951 ≡ Trichoscypha willkommii (Hartig) Boud. 1907 ≡ Trichoscyphella willkommii (R. Hartig) Nannf. 1932	larch canker
Phacidiaceae		
Allantophomopsiella	Allantophomopsiella pseudotsugae (M. Wilson) Crous 2014 ≡ Phomopsis pseudotsugae M. Wilson 1920 ≡ Allantophomopsis pseudotsugae (M. Wilson) Nag Raj 1993 ≡ Phacidiopycnis pseudotsugae (M. Wilson) G.G. Hahn 1957 = Phacidiella coniferarum Hahn 1957 ≡ Phacidium coniferarum (Hahn) DiCosmo, Nag Raj & Kendr. 1983 ≡ Potebniamyces coniferarum (Hahn) Smerlis 1962 = Ligniella pinicola Naumov 1926 ≡ Discula pinicola (Naumov) Petr. 1928	

	= <i>Discula pinicola</i> var. <i>mammosa</i> Lagerb., G. Lundb. & Melin 1928 = <i>Phacidium pulverulentum</i> J.C. Schmidt : Fr. 1817 = <i>Phomopsis strobis</i> Syd. 1922	
Allantophomopsis	Allantophomopsis cytispora (Fr. : Fr.) Petr. 1925 ≡ <i>Sphaeria cytispora</i> Fr. : Fr. 1823 = <i>Ceuthospora lunata</i> Shear 1902 ≡ <i>Apostrasseria lunata</i> (Shear) Nag Raj 1983	
Coleophoma	Coleophoma empetri (Rostr.) Petr. 1929 ≡ <i>Septoria empetri</i> Rostr. 1888 ≡ <i>Rhabdostromina empetri</i> (Rostr.) Died. 1921 = <i>Coleophoma ericae</i> Höhn. = <i>Sporonema oxycocci</i> Shear 1907	
Gremmenia	Gremmenia abietis (Dearn.) Crous 2014 ≡ <i>Phacidium infestans</i> var. <i>abietis</i> Dearn. 1926	Snow blight of conifers
Phacidium Syn. Ceuthospora	Phacidium lauri (Sow.) Crous & Hawksw. 2014 ≡ <i>Sphaeria lauri</i> Sowerby 1803 ≡ <i>Cryptosphaeria lauri</i> (Sow.) Grev. 1824 = <i>Ceuthospora lauri</i> Grev. 1826 = <i>Xyloma multivalve</i> DC. 1805 ≡ <i>Phacidium multivalve</i> (DC. : Fr.) J.C. Schmidt 1817 ≡ <i>Phacidiostroma multivalve</i> (DC.) Höhn. 1917 = <i>Ceuthospora phacidioides</i> Grev. : Fr. 1827	
Sclerotiniaceae		
Botrytis Syn. Botrytinia	Botrytis aclada Fresen. 1850 = <i>Botrytis allii</i> Munn 1917	neck rot of onions
	Botrytis cinerea Pers. : Fr. 1794 ≡ <i>Botrytis cinerea</i> f. <i>cinerea</i> Pers. 1794 = <i>Botrytis citricola</i> Brizi 1903 = <i>Botrytis diospyri</i> Brizi 1901 = <i>Botrytis fuckeliana</i> N.F. Buchw. 1949 = <i>Peziza fuckeliana</i> de Bary 1869 ≡ <i>Botryotinia fuckeliana</i> (de Bary) Whetzel 1945 ≡ <i>Sclerotinia fuckeliana</i> (de Bary) Fuckel 1884 = <i>Botrytis vulgaris</i> Link : Fr. 1832	<i>Botrytis</i> rot, grey mould, stem rot, seedling wilt, fruit rot
	Botrytis fabae Sardiña 1933 = <i>Botryotinia fabae</i> J.Y. Lu & T.H. Wu	Chocolate leaf spot, grey mould, shoot

	1991 = <i>Rhizoctonia leguminicola</i> Gough & E.S. Elliott 1956	blight.
	Botrytis porri N.F. Buchw. 1949 = <i>Sclerotinia porri</i> J.F.H. Beyma 1927 ≡ <i>Botryotinia porri</i> (J.F.H. Beyma) Whetzel 1947	Neck rot of <i>Allium</i>
Ciboria	Ciboria carunculoides (Siegler & Jenk.) Whetzel 1945 ≡ <i>Sclerotinia carunculoides</i> Siegler & Jenk. 1923	popcorn disease of <i>Morus</i>
Ciborinia	Ciborinia camelliae L.M. Kohn 1979 <i>Sclerotinia camelliae</i> Hara 1940	lpetal blight of <i>camellia</i>
Cristulariella Syn. Nervostroma	Cristulariella depraedans (Cooke) Höhn. 1916 ≡ <i>Polyactis depraedans</i> Cooke 1885 ≡ <i>Botrytis depraedans</i> (Cooke) Sacc. 1886 ≡ <i>Myrioconium depraedans</i> (Cooke) Arx 1970 = <i>Nervostroma depraedans</i> Narumi & Y. Harada 2006 = <i>Illosporium diedickeanum</i> Sacc. 1908	
Encoelia	<i>Encoelia fascicularis</i> (Alb. & Schwein. : Fr.) P. Karst.	sooty bark canker of aspen
Gloeotinia Syn. Endoconidium	Gloeotinia temulenta (Prill. & Delacr.) M. Wilson, Noble & E. Gray 1954 ≡ <i>Phialea temulenta</i> Prill. & Delacr. 1892 ≡ <i>Ciboria temulenta</i> (Prill. & Delacr.) Prill. & Delacr. 1893 ≡ <i>Sclerotinia temulenta</i> (Prill. & Delacr.) Rehm 1903 ≡ <i>Stromatinia temulenta</i> (Prill. & Delacr.) Prill. & Delacr. 1897 ≡ <i>Hymenoscyphus temulentus</i> (Prill. & Delacr.) Kuntze 1898 = <i>Phialia mucosa</i> E.G. Gray 1942 = <i>Sclerotinia secalincola</i> Rehm 1900 = <i>Endoconidium temulentum</i> Prill. & Delacr. 1892	blind seed disease of grasses
Monilinia	Monilinia fructicola (G. Winter) Honey 1928 ≡ <i>Ciboria fructicola</i> G. Winter 1883 ≡ <i>Sclerotinia fructicola</i> (G. Winter) Rehm 1906 = <i>Sclerotinia americana</i> Norton & Ezekiel 1924 = <i>Monilia cinerea</i> f. <i>americana</i> Wormald	

	1919 = <i>Monilia fructicola</i> Batra 1991 = <i>Stromatinia fructigena</i> Ritz. Bos 1904	
	<i>Monilinia fructigena</i> Honey ex Whetzel 1945 = <i>Oospora candida</i> Wallr. 1833 = <i>Monilia fructigena</i> Pers. : Fr. 1801 ≡ <i>Acrosporium fructigenum</i> (Pers.) Pers. 1822 ≡ <i>Oospora fructigena</i> (Pers. : Fr.) Wallr. 1833 ≡ <i>Sclerotinia fructigena</i> (Pers. : Fr.) J. Schröt. 1893 = <i>Torula fructigena</i> Pers. 1796 = <i>Oidium fructigenum</i> Kunze & J.C. Schmidt 1817 = <i>Oidium wallrothii</i> Thüm. 1875	brown rot of apple, pear, cherry
	<i>Monilinia laxa</i> (Aderh. & Ruhland) Honey 1945 ≡ <i>Sclerotinia laxa</i> Aderh. & Ruhland 1905 ≡ <i>Stromatinia laxa</i> (Aderh. & Ruhland) Chiffot 1921 = <i>Sclerotinia cerasi</i> Woronin 1895 ≡ <i>Stromatinia cerasi</i> (Woronin) Boud. 1907 = <i>Monilia cinerea</i> Bonord. 1851 ≡ <i>Sclerotinia cinerea</i> (Bonord.) J. Schröt. = <i>Oidium laxum</i> Ehrenb. 1818 ≡ <i>Monilia laxa</i> (Ehrenb.) Sacc. & Voglino 1886 ≡ <i>Acrosporium laxum</i> (Ehrenb.) Pers. 1822 ≡ <i>Oospora laxa</i> (Ehrenb.) Wallr. 1833 = <i>Monilia oregonensis</i> Barss 1923	Wilt, blight, canker, brown fruit rot. Overwinters in mummified fruits.
	<i>Monilinia oxycocci</i> (Woronin) Honey 1936 ≡ <i>Sclerotinia oxycocci</i> Woronin 1888	Hard rot of cranberry.
	<i>Monilinia vaccinii-corymbosi</i> (J.M. Reade) Honey 1936 ≡ <i>Sclerotinia vaccinii-corymbosi</i> J.M. Reade 1908 = <i>Monilia vaccinii-corymbosi</i> J.M. Reade 1908	Leaf and shoot blight; mummified fruits.
Ovulinia Syn. Ovulitis	<i>Ovulinia azaleae</i> Weiss 1940 ≡ <i>Sclerotinia azaleae</i> (Weiss) Dennis 1956 = <i>Ovulitis azaleae</i> N.F. Buchw. 1970	blight of Azalea, Kalmia
Sclerotinia	<i>Sclerotinia sclerotiorum</i> (Lib.) de Bary 1884 ≡ <i>Peziza sclerotiorum</i> Lib. 1837	white mold of many hosts

	<p>≡ <i>Helotium sclerotiorum</i> (Lib.) Fuckel 1866 ≡ <i>Hymenoscyphus sclerotiorum</i> (Lib.) W. Phillips 1887 ≡ <i>Phialea sclerotiorum</i> (Lib.) Gillet 1881 ≡ <i>Whetzelinia sclerotiorum</i> (Lib.) Korf & Dumont 1972 = <i>Sclerotinia caudata</i> Velen. 1947 = <i>Sclerotinia ficariae</i> Rehm 1893 = <i>Sclerotinia galeopsidis</i> Velen. 1934 = <i>Sclerotinia henningsiana</i> Kirschst. 1918 = <i>Rutstroemia homocarpa</i> P. Karst. 1871 = <i>Peziza kauffmanniana</i> Tikhom. 1868 = <i>Sclerotinia libertiana</i> Fuckel 1870 = <i>Sclerotinia matthiolae</i> Lendn. 1917 = <i>Sclerotinia moelleriana</i> Henn. 1902 = <i>Sclerotinia opuntiarum</i> Speg. 1900 = <i>Sclerotium opuntiarum</i> Speg. 1899 = <i>Sclerotinia postuma</i> Berk. & A.S. Wilson 1883 = <i>Sclerotinia riograndensis</i> Rick 1931 = <i>Sclerotinia sclerotiorum</i> f. <i>orobanches</i> Naras. & Thirum. 1954 = <i>Sclerotinia sclerotiorum</i> var. <i>opuntiarum</i> (Speg.) Alippi 1960 = <i>Sclerotium varium</i> Pers. : Fr. 1801 = <i>Sclerotinia wisconsinensis</i> Rehm 1908 = <i>Sclerotinia xanthorrhoeae</i> G.W. Beaton & Weste 1977</p>	
Septotinia Syn. Septotis	<p>Septotinia populiperda Waterman & Cash ex B. Sutton 1980 = <i>Septogloeum populiperdum</i> Moesz & Smarods 1932 ≡ <i>Septotis populiperda</i> (Moesz & Smarods) B. Sutton 1980</p>	leaf blotch of poplar
Mediolariales		
Mediolariaceae		
Mediolaria	Medeolaria farlowii Thaxt. 1922	causes deformity of <i>Medeola</i> Liliaceae
Rhytismatales		
Ascodichaenaceae		
Ascodichaena Syn. Polymorphum	<p>Ascodichaena rugosa Butin 1977 ≡ <i>Lichen rugosus</i> L. 1753 <i>Dichaena rugosa</i> (L. : Fr.) Fr. 1849 = <i>Opegrapha quercina</i> Pers. 1794 ≡ <i>Polymorphum quercinum</i> (Pers.) Chev. 1822 ≡ <i>Dichaena quercina</i> (Pers.) Sacc. 1883</p>	black bark scab of beech

Rhytismataceae		
Bifusella	Bifusella linearis (Peck) Höhn. 1917 ≡ Rhytisma lineare Peck 1871 [1873] ≡ Hypoderma lineare (Peck) Thüm. 1878 ≡ Lophodermium lineare (Peck) Ellis & Everh. 1892	<i>Bifusella</i> blight, tar spot needle cast, needle blight of 5-needle pines
Cyclaneusma	Cyclaneusma minus (Butin) DiCosmo, Peredo & Minter 1983 ≡ Naemacyclus minor Butin 1973	Needle necrosis, premature defoliation of pine
Darkera	Darkera parca H.S. Whitney, J. Reid & Piroz. 1975 ≡ Sphaeropsis parca Berk. & Broome 1850 ≡ Macrophoma parca (Berk. & Broome) Berl. & Voglino 1886 ≡ Tiarosporella parca (Berk. & Broome) H.S. Whitney, J. Reid & Piroz. 1975	needle blight, needle cast
Davisomycella	Davisomycella ampla (Davis) Darker 1967 ≡ Hypodermella ampla (Davis) Darker 1924 ≡ Lophodermium amplum (Davis) Davis 1919	needle cast of pine
Elytroderma	Elytroderma deformans (Weir) Darker 1932 ≡ Hypoderma deformans Weir 1916	dieback and witches' broom of hard pines
Fabrella	Fabrella tsugae (Farl.) Kirschst. 1941 ≡ Stictis tsugae Farl. 1883 ≡ Didymascella tsugae (Farl.) Maire 1927 ≡ Keithia tsugae (Farl.) E.J. Durand 1913 ≡ Propolidium tsugae (Farl.) Sacc. 1889	Needlecast, blight
Hypodermella	Hypodermella laricis Tubeuf 1895 = Leptothyrella laricis Dearn. 1928 = Hypodermella laricis var. octospora Dearn. 1926	needle blight of larch
Isthmiella	Isthmiella abietis (Dearn.) Darker 1967 ≡ Bifusella abietis Dearn. 1926	needle blight of true fir
Lirula	<i>L. nervisequa</i>	needle blight of true fir, spruce
Lophodermella	<i>L. sulcigena</i>	needle casts of pine
Lophodermium	Lophodermium seditiosum Minter, Staley & Millar 1978 = Leptostroma austriacum Oudem. 1904 = Depazea linearis Rostr. 1883 = Leptostroma rostrupii Minter 1980	Needlecast on pine
Meloderma	Meloderma desmazieri (Duby) Darker 1967 ≡ Hypoderma desmazieresii Duby 1861	needle blight of soft pines

	= <i>Lophodermium brachysporum</i> Rostr. 1883 ≡ <i>Hypoderma brachysporum</i> (Rostr.) Tubeuf 1895 = <i>Leptostroma strobicola</i> Hiltzer 1929	
Ploioderma	Ploioderma lethale (Dearn.) Darker 1967 ≡ <i>Hypoderma lethale</i> Dearn. 1926	needle cast of southern pine
Phacidiopycnis	Phacidiopycnis pyri (Fuckel) Weindlm. 1965 ≡ <i>Cytospora pyri</i> Fuckel 1860 ≡ <i>Cryptosporiopsis pyri</i> (Fuckel) Petr. 1923 ≡ <i>Discosporiopsis pyri</i> (Fuckel) Petr. 1921 ≡ <i>Discosporium pyri</i> (Fuckel) Höhn. 1915 ≡ <i>Discula pyri</i> (Fuckel) Höhn. 1926 ≡ <i>Myxosporium pyri</i> (Fuckel) Fuckel 1870 = <i>Phacidium discolor</i> Mouton & Sacc. 1889 ≡ <i>Phacidiella discolor</i> (Mouton & Sacc.) Potebnia 1912 ≡ <i>Potebniomyces discolor</i> (Mouton & Sacc.) Smerlis 1911 = <i>Stictis lecanora</i> var. <i>pyri</i> Berk. & Broome 1876 ≡ <i>Potebniomyces pyri</i> (Berk. & Broome) Dennis 1978 ≡ <i>Propolis pyri</i> (Berk. & Broome) W. Phillips 1887 = <i>Phacidiopycnis malorum</i> Potebnia 1912	canker and fruit storage rot
Rhytisma Syn. Melasmia	Rhytisma acerinum (Pers. : Fr.) Fr. 1819 ≡ <i>Xyloma acerinum</i> Pers. : Fr. 1794 = <i>Melasmia acerina</i> Lév. 1846	tar spot of maple
	Rhytisma punctatum (Pers. : Fr.) Fr. 1823 ≡ <i>Xyloma punctatum</i> Pers. 1800 = <i>Melasmia punctata</i> Sacc. & Roum. 1882	Punctate tar spot of maple
Strasseria	Strasseria geniculata (Berk. & Broome) Höhn. 1919 ≡ <i>Phoma geniculata</i> (Berk. & Broome) Sacc. 1884 ≡ <i>Sphaeropsis geniculata</i> Berk. & Broome 1850 = <i>Allantophoma nematospora</i> Kleb. 1933	black rot of apple
Therrya	Therrya fuckelii (Rehm) Kujala 1950 ≡ <i>Coccophacidium pini</i> var. <i>fuckelii</i> Rehm 1888	on branches of conifers
Meliolomycetes		
Meliolales		
Meliolaceae		
Meliola	<i>M. nidulans</i>	black mildew

Pezizomycetes		
Pezizales		
Caloscyphaceae		
Caloscypha Syn. Geniculodendron	Caloscypha fulgens (Pers.) Boud. 1885 ≡ Peziza fulgens Pers. 1822 = Geniculodendron pyriforme G.A. Salt 1974	Conifer seed rot, preemergence damping off
Rhizinaceae		
Phymatotrichopsis Syn. Phymatotrichum	Phymatotrichopsis omnivora (Shear) Hennebert 1973 ≡ Ozonium omnivorum Shear 1907 ≡ Phymatotrichum omnivorum (Shear) Duggar 1916	Root rot
Rhizina	Rhizina undulata Fr. : Fr. 1815	Rhizina root disease of conifers
Sarcosomataceae		
Urnula Syn. Strumella	Urnula craterium (Schwein. : Fr.) Fr. 1851 ≡ Peziza craterium Schwein. : Fr. 1822 = Strumella coryneoidea Sacc. & G. Winter 1883 = Trichoderma globosum Schwein. : Fr. 1822 ≡ Conoplea globosa (Schwein. : Fr.) S. Hughes 1958 ≡ Streptothrix globosa (Schwein. : Fr.) S. Hughes 1953 = Cladosporium polysporum Link 1824	canker of oak
Sordariomycetes		
Diaporthales		
Cryphonectriaceae		
Amphilogia	Amphilogia gyrosa (Berk. & Broome) Gryzenh., H.F. Glen & M.J. Wingf. 2005 ≡ Nectria gyrosa Berk. & Broome 1876 ≡ Cryphonectria gyrosa (Berk. & Broome) Sacc. & D. Sacc. 1905 ≡ Cucurbitaria gyrosa (Berk. & Broome) Kuntze 1898 = Endothia tropicalis Shear & N.E. Stevens 1917	canker of oaks and other hardwoods
Cryphonectria	Cryphonectria parasitica (Murrill) M.E. Barr 1978 ≡ Diaporthe parasitica Murrill 1906 ≡ Endothia gyrosa var. parasitica (Murrill) Clinton 1912 ≡ Endothia parasitica (Murrill) P.J. Anderson & H.W. Anderson 1912	Chestnut blight

	≡ <i>Valsonectria parasitica</i> (Murrill) Rehm 1907 = <i>Endothiella parasitica</i> Roane 1986	
Diaporthaceae		
Diaporthe Syn. Phomopsis	Diaporthe citri (H.S. Fawc.) F.A. Wolf 1926 ≡ <i>Phomopsis citri</i> H.S. Fawc. 1912 = <i>Phomopsis caribaea</i> W.T. Horne 1922 = <i>Diaporthe citrincola</i> Rehm 1914	
	Diaporthe helianthi Munt.-Cvetk., Mihaljc. & M. Petrov 1981 = <i>Phomopsis helianthi</i> Munt.-Cvetk., Mihaljc. & M. Petrov 1981	
	Diaporthe phaseolorum (Cooke & Ellis) Sacc. 1882 ≡ <i>Sphaeria phaseolorum</i> Cooke & Ellis 1878 = <i>Diaporthe batatas</i> Harter & E.C. Field 1912 Note: as 'batatatis' ≡ <i>Diaporthe phaseolorum</i> var. <i>batatatis</i> (Harter & E.C. Field) Wehm. 1933	Stem canker, blight, and pod rot of soybeans and other legumes
	Diaporthe vaccinii Shear 1931 = <i>Phomopsis vaccinii</i> Shear 1931	Stem and twig blight, canker, leaf spot, fruit rot of blueberry and cranberry.
	Diaporthe vexans (Sacc. & P. Syd.) Gratz 1942 ≡ <i>Phoma vexans</i> Sacc. & P. Syd. 1899	Tipover disease of eggplant
Gnomoniaceae		
Anisogramma	Anisogramma anomala (Peck) E. Müll. 1962 ≡ <i>Diatrype anomala</i> Peck 1876 ≡ <i>Apioportha anomala</i> (Peck) Höhn. 1917 ≡ <i>Cryptosporella anomala</i> (Peck) Sacc. 1882	canker of hazel
Apiognomonia	Apiognomonia errabunda (Roberge ex Desm.) Höhn. 1918 ≡ <i>Sphaeria errabunda</i> Roberge ex Desm. 1848 ≡ <i>Gnomonia errabunda</i> (Roberge ex Desm.) Auersw. 1869 ≡ <i>Laestadia errabunda</i> (Roberge ex Desm.) Rehm 1902 ≡ <i>Sphaerella errabunda</i> (Roberge ex Desm.) Auersw. 1869 = <i>Laestadia errabunda</i> f. <i>tiliae</i> Rehm 1902 ≡ <i>Apiognomonia tiliae</i> (Rehm) Höhn. 1920 = <i>Gnomonia quercina</i> Kleb. 1918	anthracnose of ash, oak, sycamore, dogwood

	<p>≡ <i>Apiognomonium quercina</i> (Kleb.) Höhn. 1920 = <i>Gnomonia tiliae</i> Kleb. 1918</p>	
Discula	Discula destructiva Redlin 1991	Dogwood anthracnose
Ophiognomonium	Ophiognomonium clavigignenti-juglandacearum (N.B. Nair, Kostichka & J.E. Kuntze) Broders & Boland 2010 ≡ <i>Sirococcus clavigignenti-juglandacearum</i> N.B. Nair, Kostichka & J.E. Kuntze 1979	Butternut canker
	Ophiognomonium leptostyla (Fr. : Fr.) Sogonov 2008 ≡ <i>Sphaeria leptostyla</i> Fr. : Fr. 1823 ≡ <i>Gnomonia leptostyla</i> (Fr. : Fr.) Ces. & De Not. 1863 = <i>Leptothyrium juglandis</i> Lib. 1832 ≡ <i>Marssonina juglandis</i> (Lib.) Magnus 1906 ≡ <i>Marssonina juglandis</i> (Lib.) Sacc. 1884 ≡ <i>Marssoniella juglandis</i> (Lib.) Höhn. 1916	Walnut canker
Plagiostoma Syn. Dothichiza	Plagiostoma aridum (Ellis & Holw.) comb. nov. ≡ <i>Gloeosporium aridum</i> Ellis & Holw. 1887 = <i>Gnomoniella fraxini</i> Redlin & Stack 1988 ≡ <i>Plagiostoma fraxini</i> (Redlin & Stack) Sogonov 2008 = <i>Gloeosporium fraxineus</i> Peck 1884 ≡ <i>Discula fraxinea</i> (Peck) Redlin & Stack 1988	Ash anthracnose
	Plagiostoma populinum (Fuckel) L.C. Mejía 2011 ≡ <i>Cryptospora populina</i> Fuckel 1870 = <i>Melanconium hyalinum</i> Ellis 1882 ≡ <i>Discosporium hyalinum</i> (Ellis) Höhn. 1915 ≡ <i>Myxosporium hyalinum</i> (Ellis) G. Winter 1886 = <i>Diaporthe populea</i> Sacc. 1887 ≡ <i>Cryptodiaporthe populea</i> (Sacc.) Butin 1958 [1957] = <i>Dothichiza populea</i> Sacc. & Briard 1884 ≡ <i>Chondroplea populea</i> (Sacc. & Briard) Kleb. 1933 = <i>Phoma populea</i> Sacc. 1878 ≡ <i>Discosporium populeum</i> (Sacc.) B. Sutton 1977 ≡ <i>Discula populea</i> (Sacc.) Höhn. 1915	

	<p>≡ Dothiorella populea (Sacc.) Sacc. 1884 = Cytospora populi Oudem. 1889</p>	
Sirococcus	<p>Sirococcus conigenus (DC.) P.F. Cannon & Minter 1983 ≡ Hypoderma conigenum DC. 1805 ≡ Hypodermopsis conigena (DC.) Kuntze 1898 = Phoma conophila Sacc. 1892 = Ascochyta conorum Henn. 1904 = Ascochyta piniperda Lindau 1900 = Sphaeria strobilina Holle & J.C. Schmidt ex Fr. 1823 = Fusarium strobilinum Corda 1837 ≡ Ascochyta strobilina (Corda) Wollenw. 1916 = Sporonema strobilinum Desm. 1852 ≡ Plenodomus strobilinus (Desm.) Höhn. 1910 ≡ Discella strobilina (Desm.) Died. 1914 = Sirococcus strobilinus Preuss 1853</p>	foliage and shoot blight of conifers
	<p>Sirococcus piceicola Rossman, Castl., D.F. Farr & Stanosz 2008</p>	Shoot blight of spruce
	<p>Sirococcus tsugae Rossman, Castl., D.F. Farr & Stanosz 2008</p>	Shoot blight of hemlock
Tubakiaceae???		
Pilidiella Syn. Schizoparme	<p>Pilidiella castaneicola (Ellis & Everh.) Arx 1957 ≡ Gloeosporium castaneicola Ellis & Everh. 1895 Variant spelling Gloeosporium castanicola Ellis & Everh. ≡ Coniella castaneicola (Ellis & Everh.) B. Sutton 1980 = Phyllosticta castaneicola Ellis & Everh. 1895 ≡ Asteromella castaneicola (Ellis & Everh.) Petr. 1957 = Pilidiella quercicola (Oudem.) Petr. 1927 [1926] = Schizoparme straminea Shear 1923</p>	
Tubakia	<p>Tubakia dryina (Sacc.) B. Sutton 1973 ≡ Leptothyrium dryinum Sacc. 1878 ≡ Actinopelte dryina (Sacc.) Höhn. 1925 = Actinopelte americana Höhn. 1925 = Leptothyrium castaneicola Ellis & Everh. 1888 = Dicarpella dryina Belisario & M.E. Barr</p>	Leaf spot of Fagaceae

	1991 = Actinothyrium gloeosporioides Tehon 1924 = Leptothyrella liquidambaris Tehon & G.L. Stout 1929 = Pirostoma nyssae Tehon 1924	
Valsaceae		
Leucostoma	Leucostoma persoonii	cankers of hardwood and fruit trees
Cytospora Syn. Valsa	Valsa abietis	
Glomerellales		
Glomerellaceae		
Colletotrichum syn. Glomerella	Colletotrichum acutatum J.H. Simmonds 1968 = Glomerella acutata Guerber & J.C. Correll 2001	anthracnose, fruit rots, numerous diseases of many food crops
	Colletotrichum coccodes (Wallr.) S. Hughes 1958 ≡ Chaetomium coccodes Wallr. 1833 = Vermicularia atramentaria Berk. & Broome 1850 ≡ Colletotrichum atramentarium (Berk. & Broome) Taubenh. 1916 = Colletotrichum biologicum Chaudhuri 1924 = Gloeosporium phomoides Sacc. 1884 ≡ Colletotrichum phomoides (Sacc.) Chesters & A. Bell 1894	
	Colletotrichum dematium (Pers. : Fr.) Grove 1918 ≡ Sphaeria dematium Pers. : Fr. 1801 ≡ Exosporium dematium (Pers. : Fr.) Link 1825 ≡ Lasiella dematium (Pers. : Fr.) Quél. 1875 ≡ Vermicularia dematium (Pers. : Fr.) Fr. 1849? = Vermicularia compacta Cooke & Ellis 1876 = Vermicularia dianthi Westend. 1867 = Vermicularia eryngii Desm. 1831 ≡ Colletotrichum eryngii (Desm.) Duke 1928 = Colletotrichum omnivorum Halst. 1891 ≡ Vermicularia omnivora (Halst.) Vassiljevsky 1950	
	Colletotrichum gloeosporioides (Penz.)	

	<p>Penz. & Sacc. 1884 ≡ <i>Vermicularia gloeosporioides</i> Penz. 1882 ≡ <i>Gloeosporium mangiferae</i> Racib. 1900 = <i>Gloeosporium affine</i> Sacc. 1878 = <i>Colletotrichum anonicola</i> Speg. 1910 = <i>Physalospora anthurii</i> R. Fisch. 1930 = <i>Physalospora cattleyae</i> Maubl. & Lasnier 1904 = <i>Gnomoniopsis cingulata</i> Stoneman 1898 ≡ <i>Glomerella cingulata</i> (Stoneman) Spauld. & H. Schrenk 1903 = <i>Gloeosporium cingulatum</i> G.F. Atk. 1892 = <i>Colletotrichum litchis</i> Gonz. Frag. & Cif. 1928 = <i>Gloeosporium mangiferae</i> Henn. 1898 = <i>Colletotrichum papayae</i> Henn. 1908 = <i>Gloeosporium papayae</i> Henn. 1895 = <i>Gloeosporium pedemontanum</i> Pupillo 1952 = <i>Gloeosporium raciborskii</i> Henn. 1900</p>	
	<p>Colletotrichum graminicola (Ces.) G.W. Wilson 1914) ≡ <i>Dicladium graminicola</i> Ces. 1852 ≡ <i>Colletotrichopsis graminicola</i> (Ces.) Munt.-Cvetk. 1952 ≡ <i>Steirochaete graminicola</i> (Ces.) Sacc. 1886 = <i>Glomerella graminicola</i> Politis 1975 = <i>Vermicularia graminicola</i> Westend. 1861</p>	
	Colletotrichum trifolii Bain 1906	anthracnose
Plectosphaerellaceae		
Plectosphaerella Syn. Plectosporium	<p>Plectosphaerella cucumerina (Lindf.) W. Gams 1972 ≡ <i>Venturia cucumerina</i> Lindf. 1919 ≡ <i>Monographella cucumerina</i> (Lindf.) Arx 1984 = <i>Cephalosporium ciferrii</i> Verona 1939 = <i>Plectosphaerella cucumeris</i> Kleb. 1929 ≡ <i>Micronectriella cucumeris</i> (Kleb.) C. Booth 1971 = <i>Cephalosporiopsis imperfecta</i> Moreau 1941 = <i>Cephalosporium tabacinum</i> J.F.H. Beyma 1933 ≡ <i>Microdochium tabacinum</i> (J.F.H. Beyma) Arx 1984 ≡ <i>Plectosporium tabacinum</i> (J.F.H. Beyma)</p>	

	M.E. Palm, W. Gams & Nirenberg 1995 ≡ <i>Fusarium tabacinum</i> (J.F.H. Beyma) W. Gams 1968	
	Plectosphaerella melonis (Ts. Watan. & Mas. Sato) A.J.L. Phillips, A. Carlucci & M.L. Raimondo 2012 ≡ <i>Nodulisporium melonis</i> Ts. Watan. & Mas. Sato 1995 = <i>Acremonium cucurbitacearum</i> Alfaro-Garcia, W. Gams & J. Garcia-Jim. 1996	Melon rot
Verticillium	Verticillium albo-atrum Reinke & Berthier 1879 = <i>Verticillium albo-atrum</i> var. <i>caespitosum</i> Wollenw. 1929 = <i>Verticillium albo-atrum</i> var. <i>tuberosum</i> B.A. Rudolph	Vascular wilt diseases.
	Verticillium dahliae Kleb. 1913 ≡ <i>Verticillium albo-atrum</i> var. <i>dahliae</i> (Kleb.) R. Nelson 1950 = <i>Verticillium albo-atrum</i> var. <i>medium</i> Wollenw. 1929 = <i>Verticillium ovatum</i> G.H. Berk. & A.B. Jacks. 1926	Vascular wilt diseases.
Hypocreales		
Bionectriaceae		
Clonostachys Syn. Bionectria Gliocladium	<i>Clonostachys roseus</i> Syn. <i>Gliocladium roseum</i>	used for biocontrol
Geosmithia	Geosmithia morbida M. Kolarík, E. Freeland, C. Utley & Tisserat 2011	Thousand canker disease of walnut
Myrothecium	Myrothecium roridum Tode : Fr. 1790 = <i>Myrothecium advena</i> Sacc. 1908 = <i>Myrotheciella catenuligera</i> Speg. 1909 = <i>Myrothecium fragosianum</i> Sacc. 1917 = <i>Exotrichum leucomelas</i> Syd. & P. Syd. 1914 ≡ <i>Myrothecium leucomelas</i> (Syd. & P. Syd.) Höhn. 1925 = <i>Gliocladium nigrum</i> Moreau & Moreau 1941 = <i>Myrothecium roridum</i> var. <i>eichhorniae</i> Ponnappa 1970 = <i>Hymenopsis tenuis</i> Petch 1927	
Nectriella	Nectriella pironii Alfieri & Samuels 1980 [1979]	Leaf and stem gall, stem canker

	= <i>Kutilakesa pironii</i> Alfieri 1979 ≡ <i>Sarcopodium pironii</i> (Alfieri) Ts. Watan. 1993	
<i>Pseudonectria</i> Syn. <i>Volutella</i>	<i>Pseudonectria buxi</i> (DC.) Seifert, Gräfenhan & Schroers 2011 ≡ <i>Tubercularia buxi</i> DC. 1815 ≡ <i>Chaetodochium buxi</i> (DC.) Höhn. 1932 ≡ <i>Chaetostroma buxi</i> (DC.) Corda 1838 ≡ <i>Volutella buxi</i> (DC.) Berk. 1860 = <i>Nectria rousseliana</i> Mont. 1851 ≡ <i>Pseudonectria rousseliana</i> (Mont.) Seaver 1931 ≡ <i>Stigmatia rousseliana</i> (Mont.) Fuckel 1870 ≡ <i>Nectriella rousseliana</i> (Mont.) Sacc. 1877 ≡ <i>Notarisiella rousseliana</i> (Mont.) Sacc. ex Clem. & Shear 1931 ≡ <i>Lasionectria rousselliana</i> (Mont.) Cooke 1884	Canker and dieback of boxwood
	<i>Pseudonectria pachysandricola</i> B.O. Dodge 1944 = <i>Volutella pachysandricola</i> B.O. Dodge 1944	
Clavicipitaceae		
<i>Atkinsonella</i>	<i>Ephelis</i> , <i>Neotyphodium</i>	choke disease of pooid grasses
<i>Balansia</i> Syn. <i>Ephelis</i>	<i>Balansia claviceps</i>	choke disease of pooid grasses
	<i>Balansia oryzae-sativae</i>	
<i>Claviceps</i>	<i>Claviceps purpurea</i> (Fr.) Tul. 1853 ≡ <i>Sphaeria purpurea</i> Fr. 1823 ≡ <i>Cordyceps purpurea</i> (Fr.) Fr. 1849 ≡ <i>Claviceps purpurea</i> var. <i>purpurea</i> = <i>Claviceps litoralis</i> Kawat. 1946 = <i>Kentrosporium microcephalum</i> Wallr. ≡ <i>Claviceps microcephala</i> (Wallr.) Tul. 1853 ≡ <i>Spermoedia microcephala</i> (Wallr.) Seaver 1910 = <i>Sphacelia segetum</i> Lév. 1827 = <i>Claviceps sesleriae</i> Stäger 1906 = <i>Cordyceps setulosa</i> Quél. 1875 ≡ <i>Claviceps setulosa</i> (Quél.) Sacc. 1883	ergot
<i>Epichloë</i>	<i>Neotyphodium</i>	choke disease of pooid grasses
<i>Myriogenospora</i>	<i>Myriogenospora atramentosa</i> (Berk. & M.A. Curtis) Diehl 1950	

	≡ <i>Hypocrea atramentosa</i> Berk. & M.A. Curtis 1868	
Hypocreaceae		
Trichoderma Syn. <i>Hypocrea</i>	<i>Trichoderma viride</i>	biocontrol
Nectriaceae		
<i>Calonectria</i> Syn. <i>Cylindrocladium</i>	<i>Calonectria ilicicola</i> Boedijn & Reitsma 1950 = <i>Cylindrocladium parasiticum</i> Crous, M.J. Wingf. & Alfenas 1993 = <i>Calonectria theae</i> var. <i>crotalariae</i> Loos 1950 ≡ <i>Calonectria crotalariae</i> (Loos) D.K. Bell & Sobers 1966	Blight, crown rot, damping off, leaf spot, peanut peg, pod, and root necrosis
	<i>Calonectria pseudonaviculata</i> (Crous, J.Z. Groenew. & C.F. Hill) L. Lombard, M.J. Wingf. & Crous 2010 ≡ <i>Cylindrocladium pseudonaviculatum</i> Crous, J.Z. Groenew. & C.F. Hill 2002 = <i>Cylindrocladium buxicola</i> Henricot 2002	Boxwood blight
<i>Fusarium</i> Syn. <i>Albonectria</i> , <i>Gibberella</i>	<i>Fusarium rigidiuscula</i> (Berk. & Broome) comb. nov. Basionym: <i>Fusarium decemcellulare</i> C. Brick Syn. <i>Nectria rigidiuscula</i> Berk. & Broome	numerous diseases of many food crops
	<i>Fusarium oxysporum</i> Schldl. : Fr. 1824 = <i>Fusarium angustum</i> Sherb. 1915	
	<i>Fusarium solani</i> (Mart.) Sacc. 1881 ≡ <i>Fusisporium solani</i> Mart. 1842 = <i>Nectria bogoriensis</i> Bernard 1907 = <i>Nectria calonectricola</i> Henn. 1909 [1908] = <i>Nectria cinnabarina</i> var. <i>jaraguensis</i> Höhn. 1927 = <i>Nectria confluens</i> Seaver 1926 = <i>Nectria episphaerioides</i> Penz. & Sacc. 1898 [1897] = <i>Fusarium lathyri</i> Taubenh. = <i>Nectria luteococcinea</i> Höhn. 1909 = <i>Tubercularia subpedicellata</i> Schwein. 1831	
<i>Ilyonectria</i>	<i>Ilyonectria radicularis</i> Syn. <i>Cylindrocarpon destructans</i>	
<i>Nectria</i> Syn. <i>Tubercularia</i>	<i>Nectria cinnabarina</i> (Tode : Fr.) Fr. 1849 ≡ <i>Sphaeria cinnabarina</i> Tode : Fr. 1791 : 1823. ≡ <i>Cucurbitaria cinnabarina</i> (Tode : Fr.)	Coral spot of hardwoods

	<p>Grev. 1825 = <i>Tubercularia aesculi</i> Opiz 1837 = <i>Tubercularia ailanthi</i> Cooke 1879 = <i>Tubercularia aquifolia</i> Cooke & Masee 1887 = <i>Tubercularia berberidis</i> Thüm. 1877 = <i>Tubercularia calycanthi</i> Schwein. 1831 = <i>Sphaeria celastri</i> Schwein. ex Fr. 1828 ≡ <i>Cucurbitaria celastri</i> (Schwein. ex Fr.) Kuntze 1898 ≡ <i>Nectria celastri</i> (Schwein. ex Fr.) Peck 1874 = <i>Tubercularia celastri</i> Schwein. 1831 = <i>Tubercularia confluens</i> Pers. 1801 = <i>Tubercularia conorum</i> Cooke & Masee 1887 = <i>Tubercularia coryli</i> Paol. 1887 = <i>Sphaeria decolorans</i> Pers. 1794 = <i>Tubercularia discoidea</i> Pers. 1796 = <i>Tubercularia euonymi</i> Roum. 1879 = <i>Tubercularia filicis</i> Lasch 1854 = <i>Tubercularia granulata</i> Pers. : Fr. 1801 = <i>Tubercularia hamata</i> Ellis & Everh. 1894 = <i>Tubercularia hysterina</i> Corda 1837 = <i>Tubercularia miniata</i> Tracy & Earle 1901 = <i>Tubercularia minor</i> Link 1825 = <i>Tubercularia mutabilis</i> Nees 1825 = <i>Nectria offuscata</i> Berk. & M.A. Curtis 1875 ≡ <i>Cucurbitaria offuscata</i> (Berk. & M.A. Curtis) Kuntze 1898 = <i>Tubercularia pteleae</i> Oudem. 1903 = <i>Tubercularia radicalis</i> Schwein. 1831 = <i>Tubercularia rhamni</i> Paol. 1887 = <i>Nectria russellii</i> Berk. & M.A. Curtis 1875 ≡ <i>Cucurbitaria russellii</i> (Berk. & M.A. Curtis) Kuntze 1898 = <i>Tubercularia sambuci</i> Corda 1837 = <i>Tubercularia sarmentorum</i> Fr. 1815 = <i>Tubercularia subdiaphana</i> Schwein. 1831 = <i>Sphaeria tremelloides</i> Weigel 1772 = <i>Tubercularia vaginata</i> Corda 1837 = <i>Tubercularia vulgaris</i> Tode : Fr. 1790 ≡ <i>Knyaria vulgaris</i> (Tode) Kuntze 1891</p>	
Neocosmospora	Acremonium	stem and root rot of soybean

Pseudonectria	Volutella	Cankers, dieback
Thyronectria Syn.? Gyrostroma ²	Thyronectria austroamericana	canker of honey locust
Neonectria Syn. Cylindrocarpon	Neonectria coccinea (Pers. : Fr.) Rossman & Samuels 1999 ≡ Sphaeria coccinea Pers. : Fr. 1800 Note: Sanctioned by Fries, Syst. Mycol.2:412 1823. ≡ Nectria coccinea (Pers. : Fr.) Fr. 1849 ≡ Nectria coccinea var. coccinea (Pers. : Fr.) Fr. 1849 = Sphaerostilbe caespitosa Fuckel 1873 ≡ Neonectria caespitosa (Fuckel) Wollenw. 1926 = Fusidium candidum Link 1809 ≡ Cylindrocarpon candidum (Link) Wollenw. 1926 ≡ Cylindrocarpon candidum var. candidum (Link) Wollenw. 1926 = Cylindrocarpon candidum var. crassum Wollenw. 1928 = Cylindrocarpon candidum var. maius Wollenw. 1928 = Cylindrocarpon candidum var. medium Wollenw. 1928 = Cylindrocarpon candidum var. minus Wollenw. 1928 = Fusarium fractum Sacc. & Cavara 1900 ≡ Cylindrocarpon fractum (Sacc. & Cavara) Wollenw. 1924	European beech canker
	Neonectria ditissima (Tul. & C. Tul.) Samuels & Rossman 2006 ≡ Nectria ditissima Tul. & C. Tul. 1865 ≡ Nectria ditissima var. ditissima Wollenw. 1865 = Nectria ditissima var. arctica Wollenw. 1926 = Nectria galligena Bres. 1901 ≡ Neonectria galligena (Bres.) Rossman & Samuels 1999 = Fusarium heteronemum Berk. & Broome 1865 ≡ Cylindrocarpon heteronema (Berk. & Broome) Wollenw. 1928 = Nectria magnoliae M.L. Lohman & Hepting 1943 = Fusarium mali Allesch. 1892	Canker, crown dieback and fruit rot of apple and pear.

	≡ <i>Cylindrocarpon mali</i> (Allesch.) Wollenw. 1928	
	Neonectria faginata (M.L. Lohman, A.M.J. Watson & Ayers) Castl. & Rossman 2006 ≡ <i>Nectria coccinea</i> var. <i>faginata</i> M.L. Lohman, A.M.J. Watson & Ayers 1943 = <i>Cylindrocarpon faginatum</i> C. Booth 1966	American beech bark canker
Myrothecium	Myrothecium roridum Tode : Fr. 1790 = <i>Myrothecium advena</i> Sacc. 1908 = <i>Myrotheciella catenuligera</i> Speg. 1909 = <i>Myrothecium fragosianum</i> Sacc. 1917 = <i>Exotrichum leucomelas</i> Syd. & P. Syd. 1914 ≡ <i>Myrothecium leucomelas</i> (Syd. & P. Syd.) Höhn. 1925 = <i>Gliocladium nigrum</i> Moreau & Moreau 1941 = <i>Myrothecium roridum</i> var. <i>eichhorniae</i> Ponnappa 1970 = <i>Hymenopsis tenuis</i> Petch 1927	necrosis of foliage, stems, fruit, cotton, coffee, cucurbits, tomato
Magnaporthales		
Magnaporthaceae		
Gaeumannomyces	Gaeumannomyces graminis (Sacc.) Arx & D.L. Olivier 1952 ≡ <i>Rhaphidophora graminis</i> Sacc. 1875 ≡ <i>Ophiobolus graminis</i> (Sacc.) Sacc. 1881 = <i>Ophiobolus oryzinus</i> Sacc. 1916 ≡ <i>Linocarpon oryzinum</i> (Sacc.) Petr. 1952 ≡ <i>Gaeumannomyces oryzinus</i> (Sacc.) Schrantz 1961	take all of cereals, grasses
Harpophora	<i>Harpophora graminicola</i>	
	<i>Harpophora radicola</i> (Cain) W. Gams Syn. <i>Phialophora radicola</i> Cain = <i>Phialophora zeicola</i> Deacon & D.B. Scott ≡ <i>Harpophora zeicola</i> (Deacon & D.B. Scott) W. Gams	Root rot-stalk rot of grasses
Pyriculariaceae		
Pyricularia Syn. Magnaporthe	Pyricularia grisea Sacc. 1880 ≡ <i>Dactylaria grisea</i> (Sacc.) Shirai 1910 = <i>Fusicladium dubiosum</i> Speg. 1886 ≡ <i>Pyricularia dubiosa</i> (Speg.) Viégas 1946 = <i>Ceratosphaeria grisea</i> T.T. Herbert 1971 ≡ <i>Magnaporthe grisea</i> (T.T. Hebert) M.E. Barr 1977 ≡ <i>Phragmoporthes grisea</i> (T.T. Hebert) M. Monod 1983	

Pyricularia Syn. Magnaporthe	Pyricularia oryzae Cavara 1891 ≡ Dactylaria oryzae (Cavara) Sawada 1916 = Magnaporthe oryzae B.C. Couch 2002	rice blast, cereal diseases
Microascales		
Ceratocystideae		
Ceratocystis	Ceratocystis fimbriata Ellis & Halst. 1890 ≡ Ceratostomella fimbriata (Ellis & Halst.) J.A. Elliott 1923 ≡ Endoconidiophora fimbriata (Ellis & Halst.) R.W. Davidson 1935 ≡ Ophiostoma fimbriatum (Ellis & Halst.) Nannf. 1934 ≡ Sphaeronaema fimbriatum (Ellis & Halst.) Sacc. 1892 = Rostrella coffeae Zimm. 1900 ≡ Ophiostoma coffeae (Zimm.) Arx 1952 ≡ Ceratocystis moniliformis f. coffeae (Zimm.) C. Moreau 1954	Gummosis, wilting, cankers, chlorosis, root rot, necrosis
	Ceratocystis paradoxa (Dade) C. Moreau 1952 ≡ Ceratostomella paradoxa Dade 1928 ≡ Ophiostoma paradoxum (Dade) Nannf. 1934 = Stilbochalara dimorpha Ferd. & Winge 1910 = Thielaviopsis ethacetica Went 1893 = Endoconidium fragrans Delacr. 1893 = Sporoschisma paradoxum De Seynes 1886 ≡ Chalara paradoxa (De Seynes) Sacc. 1892 ≡ Thielaviopsis paradoxa (De Seynes) Höhn. 1904 ≡ Endoconidiophora paradoxa (De Seynes) R.W. Davidson 1935	Leaf and fruit rot.
	Ceratocystis ambrosiae	
	Ceratocystis fagacearum	
	Ceratocystis piceae	
	Ceratocystis radicularis	
Raffalea	Raffalea	
Thielaviopsis	Thielaviopsis basicola (Berk. & Broome) Ferraris 1912 ≡ Torula basicola Berk. & Broome 1850 ≡ Trichocladium basicola (Berk. & Broome) J.W. Carmich. 1980 = Chalara elegans Nag Raj & W.B. Kendr. 1975	Black root rot
Ophiostomatales		
Ophiostomataceae		

Ophiostoma	Ophiostoma novo-ulmi Brasier 1991	
Ophiostoma	Ophiostoma ulmi (Buisman) Nannf. 1934 ≡ Ceratostomella ulmi Buisman 1932 ≡ Ceratocystis ulmi (Buisman) C. Moreau 1952 = Graphium ulmi M.B. Schwarz 1922 ≡ Pesotum ulmi (M.B. Schwartz) J.L. Crane & Schokn. 1973	Dutch elm disease, black stain, blue stain
Phyllachorales		
Phyllachoraceae		
Phyllachora Syn. Linochora	Phyllachora graminis (Pers. : Fr.) Fuckel 1870 ≡ Sphaeria graminis Pers. 1796 ≡ Dothidea graminis (Pers.) Chevall. 1826 ≡ Hypopteris graminis (Pers.) Fr. ex P. Karst. 1866 ≡ Nemanina graminis (Pers.) Gray 1821 ≡ Polystigma graminis (Pers.) Link 1833 = Leptostromella graminis Grove 1937 ≡ Linochora graminis (Grove) Parbery 1967	black leaf spot of grasses
Sordariales		
Chaetomiaceae		
Chaetomium	Chaetomium globosum Kunze : Fr. 1817 = Chaetomium cochliodes Palliser 1910 = Chaetomium olivaceum Cooke & Ellis 1878	food spoilage in storage
Monosporascus	Monosporascus cannonballus Pollack & Uecker 1974	Vine decline of cucurbits
Xylariales		
Amphisphaeriaceae		
Monographella	Monographella nivalis (Schaffnit) E. Müll. 1977 ≡ Calonectria nivalis Schaffnit 1913 ≡ Griphosphaeria nivalis (Schaffnit) E. Müll. & Arx 1955 ≡ Micronectriella nivalis (Schaffnit) C. Booth 1971 = Fusarium nivale Ces. ex Berl. & Voglino 1901 ≡ Gerlachia nivalis (Ces. ex Berl. & Voglino) W. Gams & E. Müll. 1980 = Lanosa nivalis Fr. 1849 ≡ Microdochium nivale (Fr. : Fr.) Samuels & I.C. Hallett 1983 Fusarium nivale (Fr.) Sorauer 1901	pink snow mold of turf grasses, lettuce ring spot (anthracnose)

Seimatosporium Syn. Discostoma	Seimatosporium berckmansii (Milbrath) B. Sutton	foliage blight of arborvitae
	<p>Seimatosporium salicinum (Corda) Nag Raj 1993</p> <p>≡ Didymosporium salicinum Corda 1837</p> <p>≡ Coryneum salicinum (Corda) Sacc. 1884</p> <p>= Sporocadus caudata Preuss 1851</p> <p>≡ Seimatosporium caudatum (Preuss) Shoemaker 1964</p> <p>≡ Cryptostictis caudata (Preuss) Sacc. 1884</p> <p>= Hendersonia foliorum Fuckel 1870</p> <p>≡ Coryneum foliorum (Fuckel) Petr. 1920</p> <p>≡ Leptocoryneum foliorum (Fuckel) Petr. 1925</p> <p>= Pestalotia hendersonioides Fautrey 1893</p> <p>≡ Monochaetia hendersonioides (Fautrey) Sacc. 1902</p> <p>≡ Cryptostictis hendersonioides (Fautrey) Guba 1961</p> <p>= Cryptostictis ludibunda Vestergr. 1897</p> <p>≡ Basipilus moravicus (Petr.) Subram. 1961</p> <p>= Hendersonia ribis-alpini Fautrey 1892</p> <p>≡ Seimatosporium ribis-alpini (Fautrey) Shoemaker & E. Müll. 1964</p> <p>= Monochaetia rubi Lebezh. 1959</p>	
Seiridium Syn. Lepteutypa	<p>Seiridium cupressi (Guba) Boesew. 1983</p> <p>≡ Cryptostictis cupressi Guba 1961</p> <p>= Rhynchosphaeria cupressi Nattrass, C. Booth & B. Sutton 1963</p> <p>≡ Lepteutypa cupressi (Nattrass, C. Booth & B. Sutton) H.J. Swart 1973</p> <p>= Pestalotia unicornis Cooke & Ellis 1878</p> <p>≡ Monochaetia unicornis (Cooke & Ellis) Sacc. 1906</p>	canker of Cupressaceae
Pestalotiopsis Syn. Pestalosphaeria	Pestalotiopsis disseminata	leaf spots and blights
	Pestalotiopsis funerea	
Diatrypaceae		
Cryptosphaeria	Cytosporina	canker of poplar
Diatrype		usually on woody hosts dying from other causes
Diatrypella		on dying branches of fruit and hardwood
Eutypa		dieback of several woody hosts, grape

Eutypella Syn. Libertella	Eutypella quarternata (Pers. : Fr.) Rappaz Syn. Libertella faginea Desm.	canker and dieback of oak
Hyponectriaceae		
Microdochium	Microdochium panattonianum (Berl.) B. Sutton, Galea & Price 1986 ≡ Marssonina panattoniana Berl. 1895 ≡ Marssonina panattoniana (Berl.) Magnus 1906 = Marssonina perforans Ellis & Everh. 1896	
Physalospora		black canker of willow, cranberry rot
Xylariaceae		
Anthostomella		on leaves and stems of various hosts
Daldinia		weak pathogen on oak
Hypoxyton Syn. Nodulisporium		canker of aspen, poplar, charcoal disease of cork oak, dieback of oak, plane, sycamore
Kretschmeria	Kretschmaria deusta (Hoffm.) P.M.D. Martin 1970 ≡ Sphaeria deusta Hoffm. 1787 ≡ Discosphaera deusta (Hoffm.) Dumort. 1822 ≡ Nemanina deusta (Hoffm.) Gray 1821 ≡ Stromatosphaeria deusta (Hoffm.) Grev. 1824 ≡ Ustulina deusta (Hoffm. : Fr.) Lind 1913 ≡ Hypoxyton deustum (Hoffm. : Fr.) Grev. 1828 = Sphaeria maxima Weber 1778 ≡ Ustulina maxima (Weber) Wettst. 1885 ≡ Nemanina maxima (Weber) House 1925 = Hypoxyton ustulatum Bull. 1791	root and butt rot of various woody hosts
Nemanina Syn. Geniculosporium	Nemanina serpens (Pers. : Fr.) Gray 1821 ≡ Sphaeria serpens Pers. : Fr. 1823 ≡ Hypoxyton serpens (Pers. : Fr.) J. Kickx fil. 1835 = Hypoxyton lilacinofuscum Bres. 1892 = Geniculosporium serpens Chesters & Greenh. 1964 = Hypoxyton subluteum Ellis & Everh. 1892	Sapwood rot of woody hosts
Nigrospora	Nigrospora oryzae (Berk. & Broome)	

Syn. <i>Khuskia</i>	Petch 1924 ≡ <i>Monotospora oryzae</i> Berk. & Broome 1873 = <i>Basisporium gallarum</i> Molliard 1902 = <i>Khuskia oryzae</i> H.J. Huds. 1963 ≡ <i>Apiospora oryzae</i> (H.J. Huds.) Arx 1974	
Rosellinia Syn. <i>Dematophora</i>	Rosellinia aquila (Fr. : Fr.) De Not. 1844 ≡ <i>Sphaeria aquila</i> Fr. 1817 ≡ <i>Byssithea aquila</i> (Fr.: Fr.) Bonord 1864 ≡ <i>Byssosphaeria aquila</i> (Fr.: Fr.) Cooke 1887 ≡ <i>Hypoxyton aquilum</i> (Fr. : Fr.) Bref. 1891 = <i>Sphaeria byssiseda</i> Tode 1791 ≡ <i>Rosellinia byssiseda</i> (Tode) J. Schröt. 1908	root and stem diseases on several hosts
	Rosellinia bunodes (Berk. & Broome) Sacc. 1882 ≡ <i>Sphaeria bunodes</i> Berk. & Broome 1875 ≡ <i>Hypoxyton bunodes</i> (Berk. & Broome) P.M.D. Martin 1976 = <i>Rosellinia echinata</i> Masee 1901 = <i>Hypoxyton goliath</i> Speg. 1889 ≡ <i>Rosellinia goliath</i> (Speg.) Höhn. 1907 = <i>Rosellinia zingiberis</i> F. Stevens & Atienza 1931	Black root rot
	Rosellinia herpotrichoides Hepting & R.W. Davidson 1937 ≡ <i>Hypoxyton herpotrichoides</i> (Hepting & R.W. Davidson) P.M.D. Martin 1976	Twig and leaf disease of hemlock
Ustulina		basal canker, sapwood rot of beech, elm, plane
Xylaria		wood decay
Ascomycetes Incertae sedis		
Hymenula	<i>Hymenula cerealis</i> Ellis & Everh. 1894 <i>Cephalosporium gramineum</i> Y. Nisik. & Ikata 1934	<i>Cephalosporium</i> stripe of grasses
Linocarpon	<i>Phialophora</i>	diseases of palms
Basidiomycota		
Agaricomycotina		
Agaricales		
Psathyrellaceae		
Coprinopsis	<i>Coprinopsis psychromorbida</i> (Redhead &	fruit storage rot

	Traquair) Redhead, Vilgalys & Moncalvo Syn. <i>Coprinus psychromorbidus</i> Redhead & Traquair	
Physalacriaceae		
Armillaria	<i>Armillaria mellea</i>	root pathogens of various forest and fruit trees, also caneberries, grape
	<i>Armillaria ostoyae</i>	
	<i>Armillaria tabescens</i>	
Omphalotaceae		
Marasmiellus	<i>Marasmiellus inoderma</i>	root rot of maize
	<i>Marasmiellus stenospilus</i>	root rot of sugarcane
Marasmiaceae		
Moniliophthora	<i>Moniliophthora perniciosa</i>	Witches' broom of cacao
	<i>Moniliophthora roreri</i>	Frosty pod rot of cacao
Mycenaceae		
Mycena	<i>Mycena citricolor</i>	rooster eye spot of coffee, other diseases of tropical hosts
Schizophyllaceae		
Grifola	<i>Grifola frondosa</i> (Dicks.: Fr.) SF Gray	root rot of oak
Schizophyllum	<i>Schizophyllum commune</i>	sapwood rot
Chondrostereum	<i>Chondrostereum purpureum</i>	silver leaf disease
Thelephorales		
Typhulaceae		
Typhula	<i>Typhula ishikariensis</i>	snow mold of cereals, turf grass
Thelephoraceae		
Thelephora		ectomycorrhizal, sometimes smothers nursery seedlings
Atheliales		
Atheliaceae		
Athelia Syn. <i>Fibularhizoctonia</i>	<i>Athelia arachnoidea</i> (Berk.) Jülich Syn. <i>Rhizoctonia carotae</i> Rader 1948 ≡ <i>Fibularhizoctonia carotae</i> (Rader) G.C. Adams & Kropp	Crater rot of carrots in cold storage
	<i>Athelia Di rolfsii</i> (Curzi) Tu & Kimbr. Syn. <i>Corticium rolfsii</i> Curzi	blights and rots of various hosts, soybean, storage rots

	≡ <i>Pellicularia rolfsii</i> (Curzi) E. West = <i>Sclerotium rolfsii</i> Sacc.	
Russulales		
Bondarzewiaceae		
Heterobasidion Syn. Spiniger	Heterobasidion annosum (Fr.) Bref. Syn. Spiniger meineckellum (A. Olson) Stalpers	root rot, heart rot of conifers
Echinodontiaceae		
Echinodontium	Echinodontium tinctorium	heart rot of conifers
Stereaceae		
Aleurodiscus		root pathogen of true fir
Amylostereum	Amylostereum areolatum (Fr.) Boidin	sapwood decay of conifers, vectored by woodwasp
Stereum	Stereum murrayi	wound decays, canker rot of hardwoods
Xylobolus	Xylobolus frustulatus Syn. Stereum frustulosum	heart rot of oak, white pocket rot
Corticiales		
Corticaceae		
Corticium		heart rot
Laetisaria		red thread diseases of turf grasses
Limonomyces		blight of perennial ryegrass
Erythricium	Erythricium salmonicolor	pink disease of tropical plants
Polyporales		
Coriolaceae		
Fomitopsis		sapwood and heart rots
Piptoporus		sapwood rot of birch
Meripilus	Meripilus giganteus	root rot of beech, oak
Fomes		sapwood rot of beech
Trametes		sapwood rots
Rigidoporus	Rigidoporus lignosus	root rot, white pocket rot of various hosts
Ganodermataceae		
Ganoderma	Ganoderma lucidum	root rot, sapwood and heart rot
Polyporaceae		
Cerrena	Burgoa	sapwood rot of hardwoods

Perenniporia		heart rot
Hymenochaetales		
Hymenochaetaceae		
Phaeolus		heart rot
Phellinus	Phellinus weirii	root rots, sapwood rots, heart rots
Inonotus	Inonotus tomentosus	root rot, sapwood rot, heart rot
Cantharellales		
Ceratobasidiaceae		
Ceratobasidium	Ceratorhiza (=Rhizoctonia)	root rot, seedling blight, damping off, web blight
Rhizoctonia Syn. Thanatephorus	Rhizoctonia solani Syn. Thanatephorus cucumeris	root rots, scab, damping off, leaf blight, vascular streak dieback
Waitea Syn. Rhizoctonia	Waitea circinata Syn. Rhizoctonia zeae	blight, damping off of cereals, turf grass
Cystofilobasidiales _[AMC1]		
Cystofilobasidiaceae		
Itersonilia	Itersonilia perplexans Derx	
Pucciniomycotina		
Helicobasidiales		
Helicobasidiaceae		
Helicobasidium	Helicobasidium purpureum Syn. Rhizoctonia crocorum	
Microbotryales		
Microbotryaceae		
Microbotryum		Anther smuts of dicots
Sphacelotheca		head smut of maize
Septobasidiales		
Septobasidiaceae		
Septobasidium		a plant parasite via scale insects
Pucciniales		
Coleosporiaceae		
Chrysomyxa	Chrysomyxa ledi	spruce-rhododendron rust
	Chrysomyxa ledicola	
	Chrysomyxa pyrolae	
	Chrysomyxa weirii	
Coleosporium	Coleosporium ipomoeae	sweet potato rust, pine needle rust

Cronartiaceae		
Cronartium	Cronartium flaccicum	white pine blister rust, fusiform rust
	Cronartium occidentale	
	Cronartium quercuum	
	Cronartium ribicola	
Endocronartium		stem rust of hard pines
Melampsoraceae		
Melampsora	Melampsora epitea	poplar-conifer rusts
	Melampsora larici-populina	
	Melampsora occidentalis	
Phakopsoraceae		
Phakopsora	Phakopsora pachyrhizi	soybean rust
Phragmidiaceae		
Arthuriomyces		orange rust of blackberry
Kuehneola	Kuehneola uredinis	blackberry stem and leaf rust
Phragmidium Syn. Frommeella	Phragmidium tuberculatum	rust of blackberry, rose, rosaceous hosts
	Phragmidium violaceum	blackberry rust
	Phragmidium tormentillae Syn. Frommeella tormentillae	
Pucciniaceae		
Gymnosporangium	Gymnosporangium fuscum	incense cedar-pear rust, juniper gall rust, pear trellis rust
	Gymnosporangium juniperi-virginianae	
	Gymnosporangium yamadae	
Puccinia		stem rusts of cereals, sunflower rust, chrysanthemum white rust, daylily rust
Uromyces	Uromyces gladioli	rusts of legumes
	Uromyces graminicola	
Pucciniastraceae		
Melampsoridium		alder, birch-larch rust
Pucciniastrum		foliage rust of true fir, spruce
Uredinopsis		foliage rust of true fir
Raveneliaceae		
Ravenelia		rusts of many tropical hosts

Uropyxidaeae		
Tranzschelia	Tranzschelia discolor	
	Tranzschelia pruni	
Mikronegeriaceae		
Hemileia	Hemileia vastatrix	coffee rust
Ustilaginomycotina		
Entylomatales		
Entylomataceae		
Entyloma		leaf spots on various hosts
Exobasidiales		
Brachybasidiaceae		
Brachybasidium		parasite of palms
Dicellomyces		parasitic on Arundinacea and Scirpis
Exobasidiaceae		
Exobasidium	Exobasidium vaccinii	leaf, bud, flower galls of ericaceous hosts, also camellia
Muribasidiospora		leaf spots on Rhus, Celtis
Microstomatales		
Microstomataceae		
Microstoma		stomaticolous on oak, walnut, hickory
Tilletiales		
Tilletiaceae		
Neovassia		rice smut, karnal bunt of wheat
Tilletia	Tilletia barclayana	bunt of cereals
	Tilletia controversa	
	Tilletia indica	
Urocystales		
Urocystaceae		
Urocystis	Urocystis agropyri	smuts of cereals, onion
	Urocystis gladiolicola	
Ustilaginales		
Ustilaginaceae		
Sporisorium (=Sporisorium)	Sporisorium scitamineum Syn. Ustilago scitamineum	
Ustilago	Ustilago avenae	smut of cereals, maize
	Ustilago maydis	
	Ustilago striiformis	

	<i>Ustilago tritici</i>	
Kingdom Chromista		
Labyrinthulomycota		
Labyrinthulomycetes		
Labyrinthulales		
Labyrinthulaceae		
Labyrinthula		wasting disease of the intertidal marine grass <i>Zostera</i> ; “rapid blight” of turfgrass
Oomycota		
Oomycetes		
Peronosporales		
Albuginaceae		
Albugo	<i>Albugo candida</i> (Pers. : Fr.) Kuntze	white rust of crucifers, sweet potato
Peronosporaceae		
Bremia		downy mildew of lettuce
Hyaloperonospora	<i>Hyaloperonospora parasitica</i>	
Peronosclerospora	<i>Peronosclerospora maydis</i>	
	<i>Peronosclerospora noblei</i>	
	<i>Peronosclerospora philippinensis</i>	
	<i>Peronosclerospora sacchari</i>	
	<i>Peronosclerospora sorghi</i>	
	<i>Peronosclerospora spontanea</i>	
Peronospora		downy mildew of various hosts
Plasmopara	<i>Plasmopora halstedii</i>	downy mildew of grape, sunflower
	<i>Plasmopora obducens</i>	
	<i>Plasmopora viticola</i>	
Pseudoperonospora		downy mildew of cucurbits, hops
Sclerophthora	<i>Sclerophthora imacrospora</i>	
Pythiales		
Pythiaceae		
Peronophytophthora		blossom blight and fruit rot of Litchi chinensis
Phytophthora	<i>Phytophthora cactorum</i>	
	<i>Phytophthora capsici</i>	
	<i>Phytophthora cinnamomi</i>	

	Phytophthora infestans	potato, tomato late blight; many important species causing root rot, damping off, foliage and bud blight, fruit rot
	Phytophthora nicotianae	
	Phytophthora ramosum	Sudden oak death
Pythium	Pythium ultimum	seed rots, damping-off, seedling blights, watery rots, fruit rots, and root rots
Trachysphaera	Trachysphaera fructigena	fruit rot of banana, cocoa, coffee
Saprolegniales		
Leptolegniaceae		
Aphanomyces	Aphanomyces euteiches	root rots of alfalfa, beet, pea
Sclerosporales		
Verrucalvaceae		
Pachymetra	<i>Pachymetra chaunorhiza</i> Croft & Dick	root disease of sugarcane
Sclerophthora	Sclerophthora rayssiae var. zeae	crazy top and brown stripe downy mildews of maize
Verrucalvus	Verrucalvus flavofaciens	kikuyu yellows of Pennisetum
Kingdom Protozoa		
Plasmodiophoromycetes		
Plasmodiophorales		
Plasmodiophoraceae		
Plasmodiophora	Plasmodiophora brassicae Woron.	clubroot of crucifers
Polymyxa	Polymyxa betae	root diseases of grasses, beets, virus vectors
Spongospora	Spongospora subterranea (Wallr.) Lagerh.	powdery scab of potato