

# Distribution Maps of Plant Diseases Index

October 2019

This is a continuation of the series which has been published in the smaller 272 x 172 mm format. New maps and revisions published during and after 1997 are issued in A4 (210 x 297 mm) size and are indicated by \* below.

From 1999 the scope of this series was extended to cover plant-parasitic nematodes in addition to the fungi, bacteria and viruses causing damage to agricultural crops, horticultural crops and forest trees.

Maps are indexed by the title of the latest edition of the map. The map number is given in bold followed by the year of the latest edition. Where the name in the title has been superseded, the new name is given in parentheses following =. Synonyms, including preferred names, are cross-referenced to the latest map title and number. More synonyms can be found on individual maps. The taxonomy is checked fully when a map is updated.

Achlysiella williamsi	<b>941</b>	2005 *	Apple chlorotic leaf spot virus (= Apple chlorotic leaf spot trichovirus)	<b>809</b>	2018 *
Acidovorax avenae (See Acidovorax avenae subsp. avenae 511)			Apple mosaic virus	<b>354</b>	2001 *
Acidovorax avenae (See Pseudomonas rubrilineans 39)			Apple proliferation phytoplasma (See Candidatus Phytoplasma mali 761)		
Acidovorax avenae subsp. avenae (= Acidovorax avenae)	<b>511</b>	1995	Apple rubbery wood virus (= Apple rubbery wood phytoplasma)	<b>305</b>	1975
Acidovorax avenae subsp. citrulli (See Acidovorax citrulli 787)			Apple scar skin viroid	<b>1127</b>	2012 *
Acidovorax cattleyae	<b>1241</b>	2019 *	Apple stem grooving capillovirus (= Apple stem grooving virus)	<b>810</b>	2000 *
Acidovorax citrulli	<b>787</b>	2019 *	Apple stem pitting virus	<b>1120</b>	2012 *
Acidovorax konjaci	<b>1242</b>	2019 *	Arabidopsis mosaic virus	<b>731</b>	2015 *
Acremonium cucurbitacearum	<b>820</b>	2001 *	Armillaria heimii	<b>1031</b>	2008 *
Aecidium mori	<b>602</b>	1989	Armillaria mellea	<b>143</b>	1997 *
African cassava mosaic virus (See Cassava mosaic disease 184)			Armillaria ostoyae	<b>1047</b>	2009 *
Agrobacterium rhizogenes (= Rhizobium rhizogenes)	<b>140</b>	1981	Armillaria tabescens	<b>1048</b>	2009 *
Agrobacterium tumefaciens (= Rhizobium radiobacter)	<b>137</b>	1980	Artichoke yellow ringspot virus	<b>1152</b>	2014 *
Albugo candida	<b>821</b>	2001 *	Ascochyta fabae (See Didymella fabae 513)		
Albugo ipomoeae-panduratae	<b>568</b>	1986	Ascochyta gossypii	<b>259</b>	1984
Alfalfa dwarf (See Xylella fastidiosa 262)			Ascochyta necans (= Marssonina necans)	<b>674</b>	1995
Alfalfa mosaic virus	<b>388</b>	2002 *	Ascochyta pisi	<b>273</b>	1985
Alternaria brassicae	<b>353</b>	2006 *	Ascochyta rabiei (See Mycosphaerella rabiei 151)		
Alternaria brassicicola	<b>457</b>	1999 *	Ascochyta sorghi	<b>583</b>	1988
Alternaria cichorii	<b>693</b>	1996	Ascochyta tenerima	<b>1058</b>	2009 *
Alternaria dauci	<b>352</b>	1999 *	Asperisporium caricae	<b>488</b>	1985
Alternaria dianthi (= Alternaria nobilis)	<b>589</b>	1988	Aster yellows mycoplasma (= Candidatus Phytoplasma asteris)	<b>56</b>	1976
Alternaria dianthicola	<b>640</b>	2014	Atelocauda digitata (= Endoraecium digitatum)	<b>774</b>	1999 *
Alternaria gaisen	<b>701</b>	2001 *	Athelia rolfsii (See Corticium rolfsii 311)		
Alternaria gossypina	<b>590</b>	1988	Atropellis pinicola	<b>544</b>	1981
Alternaria helianthi (= Alternaria aster helianthi)	<b>861</b>	2002 *	Atropellis piniphila	<b>543</b>	1981
Alternaria japonica	<b>862</b>	2002 *	Atropellis tingens	<b>542</b>	1981
Alternaria kikuchiana (See Alternaria gaisen 701)			Australian grapevine yellows phytoplasma (See Phytoplasma australiense [Candidatus] 844)		
Alternaria linicola	<b>659</b>	1993	Avocado sunblotch viroid	<b>1145</b>	2013 *
Alternaria longipes	<b>63</b>	1988			
Alternaria mali	<b>702</b>	1996	Balansia oryzae-sativae	<b>797</b>	2000 *
Alternaria nobilis (See Alternaria dianthi 589)			Banana bract mosaic potyvirus (= Banana bract mosaic virus)	<b>798</b>	2000 *
Alternaria padwickii (See Trichoconiella padwickii 314)			Banana bunchy top virus	<b>19</b>	2013 *
Alternaria panax	<b>591</b>	1988	Barley stripe mosaic hordeivirus (= Barley stripe mosaic virus)	<b>391</b>	1999 *
Alternaria passiflorae	<b>479</b>	2014 *	Barley yellow dwarf virus	<b>332</b>	1969
Alternaria porri	<b>350</b>	1985	Barley yellow mosaic virus	<b>878</b>	2003 *
Alternaria radicina	<b>760</b>	1998 *	Bean common mosaic virus	<b>213</b>	1974
Alternaria ricini	<b>345</b>	1987	Bean golden mosaic virus	<b>942</b>	2005 *
Alternaria sesami	<b>410</b>	1986	Bean golden yellow mosaic virus	<b>943</b>	2005 *
Alternaria solani	<b>89</b>	1983	Bean pod mottle virus	<b>984</b>	2006 *
Alternaria zinniae	<b>641</b>	1992	Bean southern mosaic virus (See Southern bean mosaic virus 934)		
Alternaria aster helianthi (See Alternaria helianthi 861)			Bean yellow mosaic virus (See Pea mosaic virus 381)		
American plum line pattern virus	<b>847</b>	2017 *	Beet black scorch virus	<b>1136</b>	2013 *
Andean potato latent tymovirus (= Andean potato latent virus)	<b>772</b>	1999 *	Beet curly top virus	<b>24</b>	2016 *
Andean potato mottle comovirus (= Andean potato mottle virus)	<b>773</b>	1999 *	Beet leaf crinkle virus (See Beet leaf curl virus 907)		
Anguina agrostis	<b>923</b>	2004 *	Beet leaf curl virus	<b>907</b>	2004 *
Anguina phalaridis (See Anguina agrostis 923)			Beet mosaic virus	<b>1097</b>	2011 *
Anguina tritici	<b>848</b>	2002 *	Beet necrotic yellow vein virus (= Beet necrotic yellow vein benyvirus)	<b>788</b>	2017 *
Anisogramma anomala	<b>621</b>	2015 *	Beet pseudoyellows virus	<b>944</b>	2005 *
Anthracoidea caricis	<b>684</b>	1996	Beet soil-borne virus	<b>1073</b>	2010 *
Aphanomyces cladogamus	<b>601</b>	1988	Beet virus Q	<b>1137</b>	2013 *
Aphanomyces cochlioides	<b>596</b>	1988	Beet yellows virus	<b>261</b>	2007 *
Aphanomyces euteiches	<b>78</b>	2016 *	Belonolaimus longicaudatus	<b>879</b>	2003 *
Aphanomyces raphani	<b>421</b>	1988	Bipolaris cookei	<b>567</b>	2016 *
Aphanomyces trifolii	<b>1243</b>	2019 *	Bipolaris heveae	<b>270</b>	1993
Aphelenchoides arachidis	<b>833</b>	2016 *	Bipolaris sacchari	<b>349</b>	2012 *
Aphelenchoides besseyi	<b>796</b>	2000 *	Bipolaris sorghicola (See Bipolaris cookei 567)		
Aphelenchoides fragariae	<b>863</b>	2002 *	Bipolaris stenospila (See Drechslera stenospila 483)		
Aphelenchoides ritzemabosi	<b>808</b>	2000 *	Black raspberry necrosis virus	<b>1074</b>	2010 *
Apiognomonium erythrostoma (See Gnomonia erythrostoma 455)					
Apiosporina morbosus	<b>48</b>	2002 *			

Blackcurrant reversion virus	849	2002 *	Ceratocystis fimbriata	91	1983
Blueberry leaf mottle virus	956	2005 *	Ceratocystis manginecans	1164	2015 *
Blueberry red ringspot virus	1128	2012 *	Ceratocystis paradoxa	142	1987
Blueberry scorch virus	994	2007 *	Ceratocystis platani	1138	2019 *
Blumeria graminis	924	2004 *	Ceratocystis ulmi (= Ophiostoma ulmi)	36	1979
Blumeriella jaapii	58	1986	Ceratocystis virescens	704	1996
Boeremia exigua (See Phoma exigua 210)			Cercoseptoria theae (= Pseudocercospora theae)	247	1980
Botryosphaeria berengeriana f.sp. pyricola	703	1996	Cercospora beticola	96	1981
Botryosphaeria laricina	545	1994	Cercospora capsici (Discontinued)	248	1970
Botryosphaeria obtusa	945	2005 *	Cercospora cladosporioides (= Pseudocercospora cladosporioides)	415	1966
Botryosphaeria parva (See Neofusicoccum parvum 1134)			Cercospora coffeicola (= Mycosphaerella coffeicola)	59	1984
Botryosphaeria ribis	1109	2011 *	Cercospora elaeidis (See Pseudospiropes elaeidis 487)		
Botryosphaeria zeae	562	1985	Cercospora kikuchii	733	1997 *
Botryotinia narcissicola (See Sclerotinia narcissicola 315)			Cercospora koepkei (= Passalora koepkei)	341	1978
Botryotinia squamosa	164	2007 *	Cercospora nicotianae	172	1982
Botrytis allii	169	1987	Cercospora oryzae (See Sphaerulina oryzina 71)		
Botrytis anthophila	167	1981	Cercospora sequoiae (= Passalora sequoiae)	501	1989
Botrytis byssoidea (= Ciborinia allii)	165	1980	Cercospora sojina (See Passalora sojina 871)		
Botrytis fabae	162	1995	Cercospora sorghi	338	1988
Botrytis tulipae	170	1987	Cercospora vaginiae (= Passalora vaginiae)	251	1974
Bremia lactucae	86	1981	Cerotelium fici	399	1985
Brenneria goodwinii	1230	2019 *	Chalara elegans (See Thielaviopsis basicola 218)		
Brenneria nigrifluens	1153	2014 *	Chalara fraxinea (See Hymenoscyphus fraxineus 1060)		
Brenneria quercina (= Lonsdalea quercina)	1004	2007 *	Cherry leaf roll virus (= Cherry leaf roll nepovirus)	800	2014 *
Brenneria rubrifaciens	1244	2019 *	Cherry necrotic rusty mottle virus	1085	2015 *
Brenneria salicis	555	2006 *	Cherry rasp leaf virus	303	2001 *
Broad bean wilt virus 1	925	2017 *	Cherry virus A	1009	2018 *
Broad bean wilt virus 2	1195	2017 *	Chickpea chlorotic dwarf virus	946	2018 *
Burkholderia andropogonis	495	2015 *	Chilli vein mottle virus	1173	2015 *
Burkholderia caryophylli	411	2006 *	Choanephora cucurbitarum	1034	2008 *
Burkholderia cepacia (See Pseudomonas cepacia 577)			Chondrostereum purpureum	30	1991
Burkholderia gladioli pv. gladioli	1017	2008 *	Chrysanthemum stem necrosis virus	947	2017 *
Burkholderia glumae	732	2013 *	Chrysanthemum stunt viroid	730	2017 *
Bursaphelenchus cocophilus (See Rhadinaphelenchus cocophilus 786)			Chrysanthemum virus B	880	2003 *
Bursaphelenchus mucronatus	1059	2009 *	Chrysomyxa abietis	615	1989
Bursaphelenchus vallesianus	1084	2010 *	Chrysomyxa arctostaphyli	441	1999 *
Bursaphelenchus xylophilus	789	2015 *	Chrysomyxa rhododendri	1129	2012 *
			Chrysomyxa weirii	660	1993
Cabbage black ringspot virus (= Turnip mosaic virus)	372	1972	Chrysosporthe cubensis (See Cryphonectria cubensis 734)		
Cacao swollen shoot badnavirus (= Cacao swollen shoot virus)	799	2000 *	Ciborinia allii (See Botrytis byssoidea 165)		
Cadophora gregata (See Phialophora gregata 723)			Ciborinia camelliae	714	1996
Calonectria ilicicola	1110	2011 *	Cintractia axicola	626	1991
Calonectria pseudonaviculata (See Cylindrocladium buxicola 996)			Cintractia limitata	1035	2008 *
Calonectria scoparia	671	1994	Cintractia peribebuyensis	685	1996
Calonectria spathiphylli	672	1994	Citrus bark cracking viroid	1245	2019 *
Camptomeris leucaenae	775	1999 *	Citrus bent leaf viroid	1231	2019 *
Candidatus Liberibacter americanus (= Liberibacter americanus)	995	2007 *	Citrus exocortis viroid (= Citrus exocortis virus)	291	2014 *
Candidatus Liberibacter asiaticus (= Liberibacter asiaticus)	766	2017 *	Citrus leaf blotch virus	1209	2018 *
Candidatus Liberibacter psyllaourus (See Candidatus Liberibacter solanacearum 1098)			Citrus leprosis virus C	801	2013 *
Candidatus Liberibacter solanacearum	1098	2016 *	Citrus mosaic virus	908	2004 *
Candidatus Phytoplasma asteris (See Aster yellows mycoplasma 56)			Citrus psorosis virus	65	2015 *
Candidatus Phytoplasma aurantifolia (See Lime witches' broom phytoplasma 792)			Citrus tatter leaf virus (See Apple stem grooving capillovirus 810)		
Candidatus Phytoplasma australiense (See Phytoplasma australiense [Candidatus] 844)			Citrus tristeza virus	289	2010 *
Candidatus Phytoplasma fraxini	1005	2007 *	Citrus vein enation virus	909	2004 *
Candidatus Phytoplasma mali	761	2013 *	Citrus viroid V	1157	2014 *
Candidatus Phytoplasma oryzae (See Rice yellow dwarf phytoplasma 747)			Citrus xyloporosis virus (See Hop stunt viroid 374)		
Candidatus Phytoplasma phoenicium	1172	2015 *	Citrus yellow vein clearing virus	1154	2014 *
Candidatus Phytoplasma prunorum	752	2010 *	Cladosporium colocasiae	592	1988
Candidatus Phytoplasma pyri	769	2019 *	Cladosporium cucumerinum	310	1988
Candidatus Phytoplasma solani	1218	2018 *	Cladosporium echinulatum (= Davidiella dianthi)	593	1988
Candidatus Phytoplasma ulmi (See Rubus stunt phytoplasma 831)			Cladosporium phlei	595	1988
Candidatus Phytoplasma ulmi	107	2019 *	Cladosporium variabile	694	1996
Candidatus Phytoplasma vitis (See Grapevine flavescence doree phytoplasma 764)			Clavibacter michiganensis subsp. insidiosus	67	2014 *
Carnation latent virus	1006	2007 *	Clavibacter michiganensis subsp. michiganensis	26	2009 *
Carnation mottle virus	1007	2007 *	Clavibacter michiganensis subsp. nebraskensis	549	2000 *
Carnation necrotic fleck virus	1049	2009 *	Clavibacter michiganensis subsp. sepedonicus	20	2017 *
Carnation vein mottle virus	1008	2007 *	Clavibacter tritici (See Rathayibacter rathayi & R. tritici 156)		
Carrot mottle virus	1032	2008 *	Clavibacter xylis subsp. xylis (= Leifsonia xylis subsp. xylis)	318	2000 *
Carrot red leaf virus	1033	2008 *	Claviceps africana	715	2006 *
Cassava brown streak virus	300	2013 *	Claviceps fusiformis	985	2006 *
Cassava common mosaic potexvirus (= Cassava common mosaic virus)	762	1998 *	Claviceps paspali	90	1984
Cassava mosaic disease	184	1998 *	Claviceps purpurea	10	1973
Cauliflower mosaic virus	373	1970	Claviceps sorghi	582	1987
Cephalosporium sacchari (= Fusarium sacchari)	250	1967	Clover phyllody phytoplasma	1050	2009 *
Ceratobasidium cereale	864	2002 *	Clover yellow vein potyvirus (= Clover yellow vein virus)	811	2000 *
Ceratocystis fagacearum	254	1993	Clypeosporthe iliaeu (See Gnomonia iliaeu 158)		
			Cochliobolus carbonum	380	2003 *
			Cochliobolus heterostrophus	346	2003 *
			Cochliobolus lunatus	1018	2008 *
			Cochliobolus miyabeanus	92	1991
			Cochliobolus nodulosus	454	1993

Cochliobolus sativus	322	2003 *	Deightonella torulosa	175	1983
Cochliobolus stenospilus (See Drechslera stenospila 483)			Deuterophoma tracheiphila (See Phoma tracheiphila 155)		
Cochliobolus victoriae	267	1990	Diabolo cubensis	570	1986
Coconut cadang-cadang viroid	717	1996	Diachora erebia	644	1992
Coffee ringspot virus	894	2003 *	Diaporthe citri	126	1996
Coleosporium ipomoeae	484	1992	Diaporthe eres (See Diaporthe mali 618)		
Colletotrichum acutatum	705	2010 *	Diaporthe helianthi	776	1999 *
Colletotrichum capsici	865	2002 *	Diaporthe mali (= Diaporthe eres)	618	1990
Colletotrichum coccodes	190	2011 *	Diaporthe phaseolorum var. caulivora	360	1977
Colletotrichum curcuma	1201	2017 *	Diaporthe vaccinii (= Phomopsis vaccinii)	709	2018 *
Colletotrichum dematium	986	2006 *	Diaporthe vexans	329	2008 *
Colletotrichum gossypii (See Glomerella gossypii 317)			Dibotryon morbosum (See Apiosporina morbosa 48)		
Colletotrichum kahawae	716	1996	Dickeya dadantii subsp. dieffenbachiae (See Erwinia chrysanthemi pv. dieffenbachiae 576)		
Colletotrichum karsti	1189	2016 *	Dickeya dianthicola (See Erwinia chrysanthemi pv. dianthicola 425)		
Colletotrichum lagenarium (= Colletotrichum orbiculare)	313	1986	Dickeya solani	1175	2015 *
Colletotrichum limeticola (See Gloeosporium limeticola 119)			Didymascella thujina	149	1980
Colletotrichum lindemuthianum	177	1985	Didymella applanata	72	1977
Colletotrichum lini (= Colletotrichum linicola)	159	1980	Didymella asphodeli	675	1995
Colletotrichum linicola (See Colletotrichum lini 159)			Didymella bryoniae	450	1984
Colletotrichum musae	834	2001 *	Didymella chrysanthemi (See Didymella ligulicola 406)		
Colletotrichum orbiculare (See Colletotrichum lagenarium 313)			Didymella fabae	513	1993
Colletotrichum sublineolum	586	1988	Didymella lentis	997	2007 *
Colletotrichum tabacum	307	1968	Didymella ligulicola	406	1993
Colletotrichum truncatum	835	2001 *	Didymella lycopersici	324	1985
Colombian datura virus	1086	2010 *	Didymella pinodes (See Mycosphaerella pinodes 316)		
Columnnea latent viroid	1121	2012 *	Didymella rabiei (See Mycosphaerella rabiei 151)		
Conidiosporomyces ayresii (See Tilletia ayresii 630)			Diplocarpon earlianum	452	1989
Coniella australiensis	1051	2009 *	Diplocarpon mali	1099	2014 *
Coniella granati	1146	2013 *	Diplocarpon mespili	327	1992
Coniella petrakii	335	1992	Diplocarpon rosae	266	1986
Coniothyrium wernsdorffiae	319	1968	Diplodia pinea (= Sphaeropsis sapinea)	459	1992
Coniothyrium zuluense (= Teratosphaeria zuluensis)	974	2006 *	Discosphaerina fulvida	88	1989
Corchorus golden mosaic virus	1202	2017 *	Discosporium populeum (= Cryptodiaporthe populea)	344	1992
Cordana musae	168	1983	Discula destructiva	926	2004 *
Corticium koleroga	64	2007 *	Ditylenchus africanus	836	2001 *
Corticium rolfsii (= Athelia rolfsii)	311	1992	Ditylenchus angustus	790	2019 *
Corticium salmonicolor (= Phanerochaete salmonicolor)	122	1996	Ditylenchus destructor	837	2013 *
Corynebacterium flaccumfaciens pv. poinsettiae (See Curtobacterium flaccumfaciens pv. poinsettiae 550)			Ditylenchus dipsaci	791	2009 *
Corynebacterium michiganense pv. nebraskense (See Clavibacter michiganensis pv. nebraskensis 549)			Doassansia sagittariae	686	1996
Corynebacterium michiganense pv. sepedonicum (See Clavibacter michiganensis subsp. sepedonicus 20)			Dothiora ribesiae	180	1984
Corynebacterium oortii (See Curtobacterium flaccumfaciens pv. oortii 539)			Drechslera graminea (See Pyrenophora graminea 758)		
Corynespora cassiicola	1130	2012 *	Drechslera heveae (See Bipolaris heveae 270)		
Cotton leaf crumple virus	948	2005 *	Drechslera sacchari (See Bipolaris sacchari 349)		
Cotton leaf curl virus	25	1976	Drechslera stenospila (= Cochliobolus stenospilus)	483	1985
Cowpea aphid-borne mosaic virus	1075	2010 *	Drepanopeziza ribis	187	1981
Cowpea mild mottle virus	1139	2019 *	East African cassava mosaic virus (See Cassava mosaic disease 184)		
Crinipellis perniciosus (= Monilophthora perniciosus)	37	2002 *	Eballistra oryzae (See Entyloma oryzae 451)		
Cronartium coleosporioides	541	1992	Eggplant mottled dwarf virus	1019	2008 *
Cronartium comandrae	444	1982	Elm mottle virus	927	2004 *
Cronartium comptoniae	476	1992	Elsinoë ampelina	234	2006 *
Cronartium conigenum	519	1995	Elsinoë australis	55	2012 *
Cronartium flaccidum	616	1989	Elsinoë batatas	447	1997 *
Cronartium fusiforme (= Cronartium quercuum)	475	2003 *	Elsinoë brasiliensis	822	2001 *
Cronartium himalayense	706	1996	Elsinoë fawcettii (See Sphaceloma fawcettii var. scabiosa 161)		
Cronartium kamtschaticum	707	1996	Elsinoë fawcettii	125	1986
Cronartium quercuum (See Cronartium fusiforme 475)			Elsinoë mangiferae	911	2004 *
Cronartium quercuum	708	1996	Elsinoë phaseoli	194	1996
Cronartium ribicola	6	2000 *	Elsinoë theae	154	1981
Cryphonectria cubensis (= Chrysosporthe cubensis)	734	1997 *	Elsinoë veneta	503	1993
Cryphonectria parasitica	66	2015 *	Elytroderma deformans	607	1989
Cryptodiaporthe populea (See Discosporium populeum 344)			Elytroderma torres-juanii	608	1989
Cryptostroma corticale	272	1990	Embellisia allii	642	1992
Cucumber green mottle mosaic virus	1174	2015 *	Endocronartium harknessii	449	2007 *
Cucumber mosaic virus	866	2002 *	Endoraecium digitatum (See Atelocauda digitata 774)		
Cucumber vein yellowing virus	949	2014 *	Endothia parasitica (See Cryphonectria parasitica 66)		
Cucurbit chlorotic yellows virus	1182	2016 *	Entoleuca mammata (See Hypoxylon mammatum 465)		
Cucurbit yellow stunting disorder virus	910	2016 *	Entyloma australe	587	1988
Curtobacterium flaccumfaciens pv. flaccumfaciens	370	2010 *	Entyloma calendulae	575	1987
Curtobacterium flaccumfaciens pv. oortii	539	2000 *	Entyloma dahliae	114	1983
Curtobacterium flaccumfaciens pv. poinsettiae	550	2000 *	Entyloma fuscum	574	1987
Cylindrocladium buxicola (= Calonectria pseudonaviculata)	996	2012 *	Entyloma guaraniticum	687	1996
Cytospora sacchari	256	1980	Entyloma oryzae (= Eballistra oryzae)	451	1990
			Entyloma serotinum	662	1993
Dactuliochaeta glycines (= Phoma glycinicola)	637	1991	Eremothecium gossypii (See Nematosporea gossypii 153)		
Dahlia mosaic virus	116	1984	Erwinia amylovora	2	2017 *
Dasheen bacilliform badnavirus (See Taro bacilliform virus 750)			Erwinia ananas (Discontinued= Erwinia ananatis)	241	1973
Dasheen mosaic potyvirus (= Dasheen mosaic virus)	751	1998 *	Erwinia ananatis (See Erwinia ananas 241)		
Davidiella dianthi (See Cladosporium echinulatum 593)			Erwinia carotovora subsp. atroseptica (= Pectobacterium atrosepticum)	131	1987
Davidiella populorum (See Mycosphaerella populorum 540)					

Erwinia chrysanthemi pv. dianthicola (= Dickeya dianthicola)	425	1996	Globodera ellingtonae	1219	2018 *
Erwinia chrysanthemi pv. dieffenbachiae (= Dickeya dadantii subsp. dieffenbachiae)	576	1987	Globodera pallida	777	2010 *
Erwinia cyripedii (= Pectobacterium cyripedii)	527	1987	Globodera rostochiensis	778	2019 *
Erwinia nigrifluens (See Brenneria nigrifluens 1153)			Globodera tabacum	929	2004 *
Erwinia rhapontici	145	1996	Gloeocercospora sorghi	339	1988
Erwinia salicis (See Brenneria salicis 555)			Gloeosporium limetticola (= Colletotrichum limetticola)	119	1977
Erwinia tracheiphila	456	1993	Gloeotinia granigena	348	1989
Erwinia vitivora (Discontinued= Xylophilus ampelinus)	326	1969	Glomerella gossypii (= Colletotrichum gossypii)	317	1974
Erysiphe betae	928	2004 *	Glomerella graminicola	959	2005 *
Erysiphe cichoracearum (= Golovinomyces cichoracearum var. cichoracearum)	957	2005 *	Glomerella tucumanensis	186	2002 *
Erysiphe cruciferarum	1076	2010 *	Gnomonia comari (See Gnomonia fragariae 438)		
Erysiphe graminis (See Blumeria graminis 924)			Gnomonia erythrostoma (= Apiognomonia erythrostoma)	455	1993
Erysiphe heraclei	1183	2016 *	Gnomonia fragariae (= Gnomonia comari)	438	1989
Erysiphe necator	838	2006 *	Gnomonia iliaui (= Clypeoporthe iliaui)	158	1981
Erysiphe orontii (= Golovinomyces orontii)	958	2005 *	Gnomonia leptostyla (See Ophiognomonia leptostyla 384)		
Erysiphe platani	1140	2013 *	Gnomonia ulmea (See Stegophora ulmea 935)		
Euphorbia mosaic virus	1061	2009 *	Gnomoniopsis smithogilvyi	1220	2018 *
European stonefruit yellows phytoplasma (See Candidatus Phytoplasma prunorum 752)			Golovinomyces cichoracearum var. cichoracearum (See Erysiphe cichoracearum 957)		
Eutypa armeniaca (See Eutypa lata 385)			Golovinomyces orontii (See Erysiphe orontii 958)		
Eutypa lata	385	1996	Grapevine fanleaf virus	812	2016 *
Eutypella parasitica	1010	2017 *	Grapevine flavescence dorée phytoplasma (= Candidatus Phytoplasma vitis)	764	2017 *
Exobasidium vexans	45	1990	Grapevine Pinot gris virus	1176	2019 *
			Grapevine red blotch-associated virus	1190	2016 *
Fabraea maculata (See Diplocarpon mespili 327)			Grapevine rupestris vein feathering virus	1233	2019 *
Fig mosaic virus (Discontinued)	445	1982	Grapevine Syrah 1	1246	2019 *
Fiji disease virus	17	2003 *	Gremmeniella abietina	423	1989
Fomes fomentarius	867	2002 *	Grosmannia wagneri (See Ophiostoma wagneri 719)		
Fomes igniarius (See Phellinus igniarius 930)			Groundnut rosette virus	49	1976
Fomes robustus (See Phellinus robustus 931)			Guignardia aesculi	676	1995
Fomitopsis pinicola	868	2002 *	Guignardia bidwellii	81	1991
Franzpetrakia okudairae	631	1991	Guignardia citricarpa (See Phyllosticta citricarpa 53)		
Fulvia fulva (= Passalora fulva)	77	1983	Guignardia loricata (See Botryosphaeria loricata 545)		
Fusarium circinatum (See Gibberella circinata 753)			Guignardia musae (See Phyllosticta maculata 623)		
Fusarium coeruleum	1020	2008 *	Guignardia piricola (See Botryosphaeria berengeriana f.sp. piricola 703)		
Fusarium culmorum	440	1984	Gymnosporangium asiaticum	530	1992
Fusarium foetens	998	2015 *	Gymnosporangium clavipes	121	2001 *
Fusarium graminearum (See Gibberella zeae 763)			Gymnosporangium confusum	429	1980
Fusarium oxysporum f.sp. albedinis	240	1994	Gymnosporangium globosum	123	1989
Fusarium oxysporum f.sp. aleuritis	560	1984	Gymnosporangium juniperi-virginianae	61	1994
Fusarium oxysporum f.sp. cannabis	1036	2008 *	Gymnosporangium sabiniae	387	1989
Fusarium oxysporum f.sp. conglutinans	54	1986	Gymnosporangium tremelloides	529	1992
Fusarium oxysporum f.sp. cubense	31	2015 *	Gymnosporangium yamadai	528	2012 *
Fusarium oxysporum f.sp. cucumerinum	558	1984			
Fusarium oxysporum f.sp. elaeidis	471	1996	Hamaspora acutissima	695	1996
Fusarium oxysporum f.sp. lactucae	1100	2018 *	Hamaspora longissima	1063	2009 *
Fusarium oxysporum f.sp. lini	32	1983	Haplobasidium musae	474	1990
Fusarium oxysporum f.sp. lycopersici	1111	2011 *	Haplographium calophylli (= Verticillium calophylli)	276	1953
Fusarium oxysporum f.sp. medicaginis	1112	2011 *	Helicobasidium brebissonii (See Helicobasidium purpureum 275)		
Fusarium oxysporum f.sp. melonis	496	1977	Helicobasidium purpureum (= Helicobasidium brebissonii)	275	1980
Fusarium oxysporum f.sp. niveum	1101	2011 *	Helicotylenchus dihystra	1077	2010 *
Fusarium oxysporum f.sp. radicles-lycopersici	559	1984	Helicotylenchus multicinctus	881	2003 *
Fusarium oxysporum f.sp. vanillae	1232	2019 *	Helicotylenchus pseudorobustus	882	2003 *
Fusarium oxysporum f.sp. vasinfectum	362	1982	Helicotylenchus varicoaudatus	1247	2019 *
Fusarium sacchari (See Cephalosporium sacchari 250)			Helminthosporium solani	233	1978
Fusarium sporotrichioides	1062	2009 *	Hemicriconemoides mangiferae (= Hemicriconemoides strictathecatus)	883	2003 *
Fusarium subglutinans f.sp. pini (See Gibberella circinata 753)			Hemicriconemoides strictathecatus (See Hemicriconemoides mangiferae 883)		
Fusarium virguliforme	1165	2015 *	Hemicyclophora arenaria	1052	2009 *
Fusicladium effusum	1131	2012 *	Hemileia coffeicola	470	1985
			Hemileia vastatrix	5	2016 *
Gaeumannomyces graminis (= Gaeumannomyces graminis var. graminis)	334	1984	Herbaspirillum rubrisubalbicans	337	2010 *
Gaeumannomyces graminis var. graminis (See Gaeumannomyces graminis 334)			Heterobasidium annosum	271	1980
Ganoderma boninense (See Ganoderma orbiforme 718)			Heterobasidium irregulare	1191	2016 *
Ganoderma orbiforme	718	2011 *	Heterodera avenae	823	2001 *
Ganoderma philippii	98	1993	Heterodera cajani	850	2002 *
Geosmithia morbida	1158	2014 *	Heterodera ciceri	895	2003 *
Geotrichum candidum var. citri-aurantii	124	1980	Heterodera elachista	1159	2014 *
Gerwasia pittieriana (See Puccinia pittieriana 113)			Heterodera filipjevi	1192	2016 *
Gibberella avenacea	950	2005 *	Heterodera glycinis	802	2011 *
Gibberella circinata	753	2012 *	Heterodera goettingiana	896	2003 *
Gibberella coronicola	1102	2011 *	Heterodera latipons	960	2005 *
Gibberella fujikuroi (See Gibberella fujikuroi var. moniliformis 102)			Heterodera oryzae	1021	2008 *
Gibberella fujikuroi var. moniliformis (= Gibberella fujikuroi)	102	1990	Heterodera oryzicola	897	2003 *
Gibberella fujikuroi var. subglutinans	191	1978	Heterodera pallida (See Globodera pallida 777)		
Gibberella indica	563	1985	Heterodera rostochiensis (See Globodera rostochiensis 778)		
Gibberella stilboides	620	1990	Heterodera sacchari	839	2001 *
Gibberella xylarioides	464	2005 *	Heterodera schachtii	824	2001 *
Gibberella zeae	763	1998 *	Heterodera trifolii	898	2003 *
Gliricidia little leaf phytoplasma	754	1998 *	Heterodera zeae	851	2014 *

High Plains wheat mosaic emaravirus	1221	2018 *	Mastigospodium album	1053	2009 *
Hirschmanniella miticausa	840	2001 *	Mauginiella scaettae	245	1986
Hirschmanniella oryzae	813	2013 *	Melampsora euphorbiae	467	2009 *
Hirschmanniella spinicaudata	951	2005 *	Melampsora farlowii	546	1982
Hop mosaic virus	378	1975	Melampsora laricis-populina	569	1986
Hop stunt viroid	374	2017 *	Melampsora lini (= Melampsora lini var. lini)	68	1991
Hoplolaimus columbus	961	2005 *	Melampsora lini var. lini (See Melampsora lini 68)		
Hoplolaimus magnistylus	1184	2016 *	Melampsora medusae	547	1991
Hoplolaimus pararobustus	884	2003 *	Melampsora populnea	389	1987
Hoplolaimus seinhorsti	1022	2008 *	Meloderma desmazieri	609	1989
Hosta virus X	1132	2012 *	Meloidogyne acronea	1087	2010 *
Hyaloperonospora parasitica (See Peronospora parasitica 872)			Meloidogyne arenaria	900	2003 *
Hymenoscyphus fraxineus (= Chalara fraxinea)	1060	2018 *	Meloidogyne artiellia	1141	2013 *
Hymenoscyphus pseudoalbidus (See Hymenoscyphus fraxineus 1060)			Meloidogyne brevicauda	1122	2012 *
Hymenula cerealis	1078	2010 *	Meloidogyne chitwoodi	803	2012 *
Hypoxylon mammatum (= Entoleuca mammata)	465	1987	Meloidogyne coffeicola	1088	2010 *
			Meloidogyne enterolobii	804	2018 *
Impatiens necrotic spot orthotospovirus (= Impatiens necrotic spot virus)	755	2018 *	Meloidogyne ethiopica	962	2013 *
			Meloidogyne exigua	825	2015 *
Indian cassava mosaic virus (See Cassava mosaic disease 184)			Meloidogyne fallax	901	2017 *
Indian citrus ringspot virus	1166	2015 *	Meloidogyne floridensis	963	2005 *
Iris yellow spot virus	1011	2014 *	Meloidogyne graminicola	826	2018 *
Itersonilia pastinacae	523	1978	Meloidogyne hapla	853	2002 *
			Meloidogyne hispanica	1206	2017 *
Kabatiella caulivora	351	1991	Meloidogyne incognita	854	2002 *
Kabatiella zaeae	506	1993	Meloidogyne izalcoensis	1222	2018 *
Kretzschmaria deusta (See Ustilina deusta 417)			Meloidogyne javanica	855	2002 *
			Meloidogyne luci	1223	2018 *
Lachnellula willkommii	614	1989	Meloidogyne mali	1210	2018 *
Lasioidiplodia theobromae	561	2010 *	Meloidogyne mayaguensis (See Meloidogyne enterolobii 804)		
Leek yellow stripe virus	999	2007 *	Meloidogyne minor	964	2005 *
Leifsonia xyli subsp. xyli (See Clavibacter xyli subsp. xyli 318)			Meloidogyne naasi	1147	2013 *
Leptosphaeria avenaria (= Phaeosphaeria avenaria f.sp. avenaria)	323	1984	Meloidogyne paranaensis	965	2016 *
Leptosphaeria coniothyrium	185	1978	Melon necrotic spot virus	1089	2010 *
Leptosphaeria maculans	73	2005 *	Meria laricis	379	1990
Leptosphaeria nodorum (See Phaeosphaeria nodorum 283)			Merlinius brevidens	885	2003 *
Leptosphaeria sacchari	330	1986	Metulocladosporiella musae (See Periconiella sapientumicola 594)		
Leptosphaeria salvinii (See Magnaporthe salvinii 448)			Microbotryum scorzonerae (See Ustilago scorzonerae 629)		
Leptotrichia medicaginis (See Pyrenopeziza medicaginis 141)			Microcyclus ulei	27	1990
Lettuce infectious yellows 'closterovirus' (= Lettuce infectious yellows virus)	735	1997 *	Microdochium panattonianum	82	1991
Lettuce mosaic virus	376	2008 *	Mirafiori lettuce big-vein virus	1167	2015 *
Lettuce necrotic yellows virus	480	1971	Moesziomyces bullatus	688	1996
Leucocintractia leucodermoides	1064	2009 *	Moesziomyces bullatus (See Tolyposporium penicillariae 150)		
Leveillula taurica	217	1996	Monilia polystroma	1103	2011 *
Liberibacter africanus (See Liberobacter africanum 765)			Monilinia fructicola	50	2017 *
Liberibacter americanus (See Candidatus Liberibacter americanus 995)			Monilinia fructigena	22	2000 *
Liberibacter asiaticus (See Candidatus Liberibacter asiaticus 766)			Monilinia laxa	44	1991
Liberibacter psyllaeurum (See Candidatus Liberibacter solanacearum 1098)			Moniliophthora perniciososa (See Crinipellis perniciososa 37)		
Liberobacter africanum (= Liberibacter africanus)	765	1998 *	Moniliophthora roreri	13	2019 *
Ligniera vasculorum	252	1981	Monilochaetes infuscans	246	1990
Lily rosette virus (Discontinued)	103	1966	Monographella albescens	492	1996
Lime witches' broom phytoplasma (= Candidatus Phytoplasma aurantifolia)	792	1999 *	Monographella cucumerina (See Plectosphaerella cucumerina 932)		
Little cherry virus 1	1203	2017 *	Monographella nivalis (= Monographella nivalis var. nivalis)	432	1992
Little cherry virus 2	1133	2017 *	Monographella nivalis var. nivalis (See Monographella nivalis 432)		
Longidorus elongatus	852	2002 *	Monosporascus cannonballus	827	2001 *
Lonsdalea quercina (See Brenneria quercina 1004)			Monosporascus eutypoides (See Monosporascus cannonballus 827)		
Lophodermium canberrianum	556	1984	Mungbean yellow mosaic India virus	1248	2019 *
Lophodermium orientale	606	1989	Mungbean yellow mosaic virus	1249	2019 *
Lophodermium pinastri	371	1977	Muscillium theobromae (See Verticillium theobromae 146)		
Lucerne transient streak virus	1204	2017 *	Mycena citricolor	9	1996
Lucerne witches' broom virus (= Lucerne witches' broom phytoplasma)	127	1978	Mycosphaerella aleuritis	278	1989
			Mycosphaerella arachidis	166	1985
Macrophomina phaseolina	566	1985	Mycosphaerella areola (See Ramularia gossypii 260)		
Magnaporthe grisea	1205	2017 *	Mycosphaerella berkeleyi	152	1987
Magnaporthe oryzae	51	2017 *	Mycosphaerella brassicicola	189	1991
Magnaporthe salvinii	448	1996	Mycosphaerella caricae	654	1993
Maize chlorotic mottle virus	912	2014 *	Mycosphaerella citri	524	1990
Maize dwarf mosaic virus	899	2003 *	Mycosphaerella coffeicola (See Cercospora coffeicola 59)		
Maize mosaic nucleorhabdovirus (= Maize mosaic virus)	736	1997 *	Mycosphaerella convallariae	658	1993
Maize rayado fino marafivirus (= Maize rayado fino virus)	737	1997 *	Mycosphaerella cruenta	655	2012 *
Maize rough dwarf fiji virus (= Maize rough dwarf virus)	738	1997 *	Mycosphaerella dearnessii	482	2010 *
Maize streak monogeminivirus (= Maize streak virus)	739	1997 *	Mycosphaerella eumusae (= Pseudocercospora eumusae)	1012	2007 *
Maize stripe tenuivirus (= Maize stripe virus)	740	1997 *	Mycosphaerella fijiensis	500	2011 *
Marasmiellus cocophilus	515	1976	Mycosphaerella fragariae	110	1982
Marasmius crinis-equi	741	1997 *	Mycosphaerella gibsonii	481	1994
Marasmius equicrinis (See Marasmius crinis-equi 741)			Mycosphaerella graminicola	397	1986
Marasmius palmivorus	1079	2010 *	Mycosphaerella graminicola	1065	2009 *
Marssonina necans (See Ascochyta necans 674)			Mycosphaerella jaczewskii	767	1998 *
			Mycosphaerella laricis-leptolepidis	767	1998 *
			Mycosphaerella linicola	18	1996
			Mycosphaerella linorum (See Mycosphaerella linicola 18)		
			Mycosphaerella mangiferae	913	2004 *

<i>Mycosphaerella mori</i>	656	1993	<i>Pectobacterium carotovorum</i> subsp. <i>brasilense</i>	1225	2018 *
<i>Mycosphaerella musicola</i>	7	1997 *	<i>Pectobacterium cyripedii</i> (See <i>Erwinia cyripedii</i> 527)		
<i>Mycosphaerella pini</i>	419	2010 *	<i>Pelargonium zonate</i> spot virus	1155	2014 *
<i>Mycosphaerella pinodes</i>	316	1979	<i>Penicillium digitatum</i>	975	2006 *
<i>Mycosphaerella populorum</i> (= <i>Davidiella populorum</i> )	540	1981	<i>Penicillium expansum</i>	976	2006 *
<i>Mycosphaerella pruni-persicae</i>	442	1968	<i>Penicillium italicum</i>	977	2006 *
<i>Mycosphaerella pyri</i> (See <i>Mycosphaerella sentina</i> 325)			<i>Pepino mosaic</i> virus	856	2015 *
<i>Mycosphaerella rabiei</i>	151	2004 *	<i>Pepper chat fruit viroid</i>	1235	2019 *
<i>Mycosphaerella sentina</i> (= <i>Mycosphaerella pyri</i> )	325	1968	<i>Pepper golden mosaic</i> virus	967	2005 *
<i>Mycosphaerella zeae-maydis</i>	505	1988	<i>Pepper mild mottle</i> virus	1054	2009 *
<i>Mycosyrinx cissi</i>	661	1993	<i>Pepper vein yellows</i> virus	1226	2018 *
<i>Mycovellosiella concors</i> (= <i>Passalora concors</i> )	112	1991	<i>Pepper veinlet</i> virus	1207	2017 *
<i>Mycovellosiella phaseoli</i>	436	1977	<i>Pericladium greviae</i>	604	1989
<i>Myrothecium roridum</i>	458	1984	<i>Periconia circinata</i>	282	1988
<i>Myxothyrium leptideum</i>	1104	2011 *	<i>Periconiella sapientumicola</i> (= <i>Metulocladosporiella musae</i> )	594	1998 *
			<i>Peronophythora litchii</i> (= <i>Phytophthora litchii</i> )	597	1988
<i>Nacobbus aberrans</i>	779	1999 *	<i>Peronosclerospora maydis</i>	510	1993
<i>Nalanthamala psidii</i>	1211	2018 *	<i>Peronosclerospora philippinensis</i>	497	1989
<i>Natrassia mangiferae</i> (= <i>Neofusicoccum mangiferae</i> )	814	2000 *	<i>Peronosclerospora sacchari</i>	21	1986
<i>Nectria cinnabarina</i>	805	2000 *	<i>Peronosclerospora sorghi</i>	179	1988
<i>Nectria coccinea</i> (See <i>Neonectria coccinea</i> 987)			<i>Peronosclerospora spontanea</i>	1039	2008 *
<i>Nectria galligena</i> (= <i>Neonectria galligena</i> )	38	1985	<i>Peronospora antirrhini</i>	222	1990
<i>Nectria mauriticola</i>	288	1992	<i>Peronospora arborescens</i>	1196	2017 *
<i>Nectria radiculicola</i> (= <i>Neonectria radiculicola</i> )	461	1985	<i>Peronospora belbahrii</i>	1177	2015 *
<i>Nematospora coryli</i>	163	1996	<i>Peronospora chlorae</i>	664	1994
<i>Nematospora gossypii</i> (= <i>Eremothecium gossypii</i> )	153	1980	<i>Peronospora conglomerata</i>	665	1994
<i>Neofabraea malicorticis</i> (See <i>Pezicula malicorticis</i> 128)			<i>Peronospora destructor</i>	76	1990
<i>Neofusicoccum australe</i>	1185	2016 *	<i>Peronospora digitalis</i>	666	1994
<i>Neofusicoccum mangiferae</i> (See <i>Natrassia mangiferae</i> 814)			<i>Peronospora euphorbiae</i>	677	1995
<i>Neofusicoccum parvum</i> (= <i>Botryosphaeria parva</i> )	1134	2012 *	<i>Peronospora farinosa</i> (Discontinued see <i>P. farinosa</i> subsp. <i>betae</i> 1227 and subsp. <i>spinaciae</i> 122)	28	1988
<i>Neonectria coccinea</i> (= <i>Nectria coccinea</i> )	987	2006 *	<i>Peronospora farinosa</i> f.sp. <i>betae</i>	1227	2018 *
<i>Neonectria galligena</i> (See <i>Nectria galligena</i> 38)			<i>Peronospora farinosa</i> f.sp. <i>spinaciae</i>	1228	2018 *
<i>Neonectria neomacrospora</i>	1234	2019 *	<i>Peronospora ficariae</i>	667	1994
<i>Neonectria radiculicola</i> (See <i>Nectria radiculicola</i> 461)			<i>Peronospora hyoscyami</i> f.sp. <i>tabacina</i>	23	2009 *
<i>Neotyphodium coenophialum</i>	1080	2010 *	<i>Peronospora knautiae</i>	678	1995
<i>Nimbya gomphrenae</i>	643	1992	<i>Peronospora lamii</i>	1123	2012 *
			<i>Peronospora manshurica</i>	268	1995
<i>Oculimacula yallundae</i> (See <i>Pseudocercospora herpotrichoides</i> 74)			<i>Peronospora oerteliana</i>	668	1994
<i>Odontoglossum ringspot</i> virus	1037	2008 *	<i>Peronospora parasitica</i> (= <i>Hyaloperonospora parasitica</i> )	872	2002 *
<i>Oidium heveae</i>	4	1985	<i>Peronospora pulveracea</i>	669	1994
<i>Oidium mangiferae</i>	1081	2010 *	<i>Peronospora rumicis</i>	670	1994
<i>Oidium neolycopersici</i>	1000	2011 *	<i>Peronospora somniferi</i>	1197	2017 *
<i>Oidium tingitaninum</i>	1105	2011 *	<i>Peronospora sparsa</i>	598	2007 *
<i>Olivea tectonae</i>	499	2015 *	<i>Peronospora tabacina</i> (See <i>Peronospora hyoscyami</i> f.sp. <i>tabacina</i> 23)		
<i>Olpidium brassicae</i>	430	1979	<i>Peronospora trifoliorum</i>	343	1987
<i>Oncobasidium theobromae</i> (= <i>Thanatephorus theobromae</i> )	507	1987	<i>Peronospora verbenae</i>	1178	2015 *
<i>Onion yellow dwarf</i> virus	46	2018 *	<i>Peronospora viciae</i>	1106	2011 *
<i>Ophiognomonium leptostyla</i>	384	2015 *	<i>Peronospora violae</i>	599	1988
<i>Ophiostoma piceae</i>	869	2002 *	<i>Pestalotiopsis palmarum</i>	1198	2017 *
<i>Ophiostoma ulmi</i> (See <i>Ceratocystis ulmi</i> 36)			<i>Pestalotiopsis theae</i>	284	1996
<i>Ophiostoma wagneri</i> (= <i>Grosmania wagneri</i> )	719	1996	<i>Pezicula malicorticis</i> (= <i>Neofabraea malicorticis</i> )	128	1995
			<i>Phacidiella coniferarum</i> (See <i>Potebniamyces coniferarum</i> 320)		
<i>Palm lethal yellowing</i> phytoplasma	768	1998 *	<i>Phacidiopycnis padwickii</i>	514	1989
<i>Pangola stunt</i> virus	434	2001 *	<i>Phacidium coniferarum</i> (See <i>Potebniamyces coniferarum</i> 320)		
<i>Pantoea citrea</i> (= <i>Tatumella citrea</i> )	1038	2008 *	<i>Phaeocryptopus gaeumannii</i>	42	1991
<i>Pantoea stewartii</i>	41	2018 *	<i>Phaeocystotroma sacchari</i>	255	1987
<i>Papaya ringspot</i> virus	902	2003 *	<i>Phaeoisariopsis bataticola</i> (= <i>Passalora bataticola</i> )	617	1990
<i>Paratrachodorus minor</i>	870	2002 *	<i>Phaeoisariopsis griseola</i> (= <i>Pseudocercospora griseola</i> )	328	1996
<i>Paratrachodorus porosus</i>	1066	2009 *	<i>Phaeolus schweinitzii</i>	182	1987
<i>Passalora bataticola</i> (See <i>Phaeoisariopsis bataticola</i> 617)			<i>Phaeoramularia angolensis</i> (See <i>Pseudocercospora angolensis</i> 710)		
<i>Passalora concors</i> (See <i>Mycovellosiella concors</i> 112)			<i>Phaeoramularia manihotis</i> (= <i>Passalora manihotis</i> )	605	1989
<i>Passalora fulva</i> (See <i>Fulvia fulva</i> 77)			<i>Phaeosphaeria avenaria</i> f.sp. <i>avenaria</i> (See <i>Leptosphaeria avenaria</i> 323)		
<i>Passalora koepkei</i> (See <i>Cercospora koepkei</i> 341)			<i>Phaeosphaeria nodorum</i>	283	1992
<i>Passalora manihotis</i> (See <i>Phaeoramularia manihotis</i> 605)			<i>Phakopsora ampelopsidis</i>	87	2009 *
<i>Passalora sequoiae</i> (See <i>Cercospora sequoiae</i> 501)			<i>Phakopsora euvitis</i>	1013	2007 *
<i>Passalora sojina</i> (= <i>Cercospora sojina</i> )	871	2002 *	<i>Phakopsora gossypii</i>	258	1980
<i>Passalora vaginae</i> (See <i>Cercospora vaginae</i> 251)			<i>Phakopsora meibomiaae</i>	815	2000 *
<i>Passion fruit woodiness</i> virus	518	1977	<i>Phakopsora pachyrrhizi</i>	504	2015 *
<i>Pea mosaic</i> virus (= <i>Bean yellow mosaic</i> virus)	381	1971	<i>Phakopsora vitis</i>	1055	2009 *
<i>Pea necrotic yellow dwarf</i> virus	1224	2018 *	<i>Phakopsora zeae</i> (See <i>Physopella zeae</i> 469)		
<i>Pea seed-borne mosaic</i> virus	886	2003 *	<i>Phanerochaete salmonicolor</i> (See <i>Corticium salmonicolor</i> 122)		
<i>Peach latent mosaic</i> viroid	828	2016 *	<i>Phellinus igniarius</i>	930	2004 *
<i>Peach mosaic</i> virus	966	2005 *	<i>Phellinus noxius</i>	104	1997 *
<i>Peach rosette mosaic</i> virus	829	2001 *	<i>Phellinus robustus</i>	931	2004 *
<i>Peach rosette</i> phytoplasma	756	1998 *	<i>Phellinus weirii</i>	490	1994
<i>Peach X-disease</i> phytoplasma	757	1998 *	<i>Phialophora cinerescens</i>	711	1996
<i>Peach yellows</i> phytoplasma	60	1998 *	<i>Phialophora gregata</i> (= <i>Cadophora gregata</i> )	723	1996
<i>Peanut clump</i> virus	988	2006 *	<i>Phoma andigena</i>	712	1996
<i>Pear blister canker</i> viroid	1142	2013 *	<i>Phoma andina</i> (See <i>Phoma andigena</i> 712)		
<i>Pear decline</i> phytoplasma (See <i>Candidatus Phytoplasma pyri</i> 769)					
<i>Pectobacterium atrosepticum</i> (See <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> 131)					

Phoma caricae-papayae	914	2004 *	726)	
Phoma exigua (= Boeremia exigua)	210	1975	Phytophthora nicotianae (See Phytophthora nicotianae var. nicotianae 613)	
Phoma exigua var. foveata	727	1996	Phytophthora nicotianae var. nicotianae (= Phytophthora nicotianae)	613 1989
Phoma glycinicola (See Dactuliochaeta glycines 637)			Phytophthora palmivora	725 1996
Phoma herbarum var. medicaginis (= Phoma medicaginis var. macrospora)	263	1972	Phytophthora palmivora (See Phytophthora heveae 428)	
Phoma medicaginis var. macrospora (See Phoma herbarum var. medicaginis 263)			Phytophthora phaseoli	201 1983
Phoma pinodella	915	2004 *	Phytophthora porri	204 1990
Phoma tracheiphila	155	2004 *	Phytophthora pseudosyringae	1091 2010 *
Phomopsis asparagi	657	1993	Phytophthora pseudotsugae	600 1988
Phomopsis cocoes (See Phomopsis cocoina 624)			Phytophthora quercetorum	1092 2010 *
Phomopsis cocoina (= Phomopsis cocoes)	624	1990	Phytophthora quercina	1041 2008 *
Phomopsis elaeidis	679	1995	Phytophthora ramorum	978 2013 *
Phomopsis folliculicola	680	1995	Phytophthora richardiae	171 1991
Phomopsis juniperivora	502	1985	Phytophthora rubi (See Phytophthora fragariae var. rubi 903)	
Phomopsis longicolla	968	2005 *	Phytophthora sojae	726 1996
Phomopsis mangiferae	681	1995	Phytophthora syringae	174 1987
Phomopsis sclerotoides	509	1989	Phytophthora tropicalis	1179 2015 *
Phomopsis tersa	682	1995	Phytophthora vignae	512 1985
Phomopsis theae	493	1993	Phytoplasma asteris [Candidatus] (See Aster yellows mycoplasma 56)	
Phomopsis vaccinii (See Diaporthe vaccinii 709)			Phytoplasma aurantifolia [Candidatus] (See Lime witches' broom phytoplasma 792)	
Phomopsis viticola	969	2005 *	Phytoplasma australiense (= Candidatus Phytoplasma australiense)	844 2001 *
Phony peach (Discontinued, see Xylella fastidiosa 262)	94	1983	Phytoplasma fraxini [Candidatus] (See Candidatus Phytoplasma fraxini 1005)	
Phragmidium mucronatum	1014	2007 *	Phytoplasma mali [Candidatus] (See Candidatus Phytoplasma mali 761)	
Phragmidium pauciloculare	1107	2011 *	Phytoplasma oryzae [Candidatus] (See Rice yellow dwarf phytoplasma 747)	
Phyllachora acaciae var. acaciae	645	1992	Phytoplasma phoenicium [Candidatus] (See Candidatus Phytoplasma phoenicium 1172)	
Phyllachora acaciae var. subpapillata	646	1992	Phytoplasma prunorum [Candidatus] (See Candidatus Phytoplasma prunorum 752)	
Phyllachora afzeliae	647	1992	Phytoplasma pyri [Candidatus] (See Candidatus Phytoplasma pyri 769)	
Phyllachora canafistulae	648	1992	Phytoplasma solani [Candidatus] (See Candidatus Phytoplasma solani 1218)	
Phyllachora conica	649	1992	Phytoplasma ulmi [Candidatus] (See Candidatus Phytoplasma ulmi 107)	
Phyllachora lespedezae	650	1992	Phytoplasma ulmi [Candidatus] (See Rubus stunt phytoplasma 831)	
Phyllachora machaeriicola	651	1992	Phytoplasma vitis [Candidatus] (See Grapevine flavescence doree phytoplasma 764)	
Phyllachora musicola	1067	2009 *	Pigeonpea sterility mosaic virus	1001 2007 *
Phyllachora pterocarpi	652	1992	Pileolaria pistaciae	1168 2015 *
Phyllachora sacchari	588	1988	Pileolaria terebinthi	1169 2015 *
Phyllachora viventis	653	1992	Piliidium acerinum	1068 2009 *
Phyllosticta cavendishii	1236	2019 *	Plantago asiatica mosaic virus	1199 2017 *
Phyllosticta citricarpa	53	2012 *	Plasmodiophora brassicae	101 2010 *
Phyllosticta maculata	623	2019 *	Plasmopara halstedii	286 2014 *
Phyllosticta musarum	1237	2019 *	Plasmopara obducens	1002 2014 *
Phyllosticta solitaria	713	1996	Plasmopara viticola	221 1988
Phymatotrichopsis omnivora	15	1990	Plectosphaerella cucumerina (= Monographella cucumerina)	932 2004 *
Physoderma alfalfae	130	1987	Pleiochaeta albiziae	244 1990
Physoderma leproides	491	1990	Pleiochaeta setosa	243 2016 *
Physoderma maydis	106	1995	Pleospora betae	427 1987
Phytopella zeae (= Phakopsora zeae)	469	1992	Plum pox virus	392 2016 *
Phytomonas staheli	873	2002 *	Podosphaera aphanis	841 2001 *
Phytophthora alni	1040	2008 *	Podosphaera fusca	1113 2011 *
Phytophthora asparagi	1090	2010 *	Podosphaera leucotricha	118 1987
Phytophthora austrocedrae	1186	2016 *	Podosphaera macularis	842 2001 *
Phytophthora boehmeriae	203	2017 *	Podosphaera mors-uvae	16 2001 *
Phytophthora botryosa	534	1980	Podosphaera pannosa	843 2001 *
Phytophthora cactorum	280	1984	Polymyxa betae	522 1991
Phytophthora cambivora	70	2013 *	Polymyxa graminis	1108 2011 *
Phytophthora capsici	277	1990	Polyscytulum pustulans	202 1980
Phytophthora cinnamomi	302	1991	Polystigma rubrum (= Polystigma rubrum subsp. rubrum)	148 1995
Phytophthora citricola	437	1991	Polystigma rubrum subsp. rubrum (See Polystigma rubrum 148)	
Phytophthora citrophthora	35	1995	Potato black ringspot nepovirus (= Potato black ringspot virus)	780 1999 *
Phytophthora clandestina	633	1991	Potato mop-top virus	874 2017 *
Phytophthora colocasiae	466	2014 *	Potato spindle tuber viroid	729 2014 *
Phytophthora cryptogea	99	2013 *	Potato T trichovirus (= Potato virus T)	781 1999 *
Phytophthora drechsleri	281	1991	Potato virus T (See Potato T trichovirus 781)	
Phytophthora erythroseptica	83	1990	Potato virus Y	970 2005 *
Phytophthora fragariae (See Phytophthora fragariae var. fragariae 62)			Potato witches' broom disease (= Potato witches' broom phytoplasma)	115 1975
Phytophthora fragariae var. fragariae (= Phytophthora fragariae)	62	2003 *	Potato yellow dwarf virus	111 2009 *
Phytophthora fragariae var. rubi (= Phytophthora rubi)	903	2003 *	Potato yellow vein virus	857 2002 *
Phytophthora heveae (= Phytophthora palmivora)	428	1989	Potetbniamyces coniferarum (= Phacidium coniferarum)	320 1985
Phytophthora hibernalis	47	1991	Prathigada terminaliae	673 1994
Phytophthora ilicis	632	1991	Pratylenchus brachyurus	887 2003 *
Phytophthora infestans	109	1982	Pratylenchus coffeae	816 2000 *
Phytophthora infestans mating type A2	728	1996	Pratylenchus goodeyi	806 2017 *
Phytophthora katsurae	720	1996	Pratylenchus loosi	1042 2008 *
Phytophthora kernoviae	1023	2017 *		
Phytophthora lateralis	473	2012 *		
Phytophthora litchii (See Peronophythora litchii 597)				
Phytophthora macrochlamydozpora	916	2004 *		
Phytophthora meadii	548	2014 *		
Phytophthora megakarya	721	1996		
Phytophthora megasperma	157	1987		
Phytophthora megasperma f.sp. glycines (See Phytophthora sojae				

Pratylenchus penetrans	888	2003 *	Puccinia cacabata	486	1990
Pratylenchus thornei	1124	2012 *	Puccinia cannae	224	1981
Pratylenchus vulnus	858	2002 *	Puccinia caricina (= Puccinia caricina var. caricina)	209	1992
Pratylenchus zaeae	830	2001 *	Puccinia caricina var. caricina (See Puccinia caricina 209)		
Prunus necrotic ringspot virus	875	2002 *	Puccinia carthami	424	1977
Pseudocercospora abelmoschi	1024	2008 *	Puccinia chrysanthemi	117	1986
Pseudocercospora angolensis	710	2016 *	Puccinia emaculata	1148	2013 *
Pseudocercospora cladosporioides (See Cercospora cladosporioides 415)			Puccinia helianthi	195	1987
Pseudocercospora eumusae (See Mycosphaerella eumusae 1012)			Puccinia hemerocallidis	989	2014 *
Pseudocercospora fuligena	382	1987	Puccinia hordei	904	2003 *
Pseudocercospora griseola (See Phaeoisariopsis griseola 328)			Puccinia horiana	403	2008 *
Pseudocercospora pini-densiflorae (See Mycosphaerella gibsonii 481)			Puccinia kuehnii	215	2015 *
Pseudocercospora purpurea	1025	2008 *	Puccinia melanocephala	462	1991
Pseudocercospora theae (See Cercoseptoria theae 247)			Puccinia menthae	211	1992
Pseudocercospora theae (See Cercoseptoria theae 247)			Puccinia miscanthi	1160	2014 *
Pseudocercospora capsellae	197	1986	Puccinia pelargonii-zonalis	412	1998 *
Pseudocercospora herpotrichoides (= Oculimacula yallundae)	74	1981	Puccinia pittieriana (= Gerwasia pittieriana)	113	1994
Pseudomonas agarici	578	1987	Puccinia polysora	237	1992
Pseudomonas amygdali	525	1996	Puccinia psidii	181	2014 *
Pseudomonas ananas (Discontinued)	242	1973	Puccinia purpurea	212	1988
Pseudomonas andropogonis (See Burkholderia andropogonis 495)			Puccinia recondita	226	1979
Pseudomonas angulata (Discontinued, see Pseudomonas syringae pv. tabaci 293= Pseudomonas s	321	1968	Puccinia sorghi	279	1978
Pseudomonas avellanae	1156	2014 *	Puccinia striiformis (= Puccinia striiformis var. striiformis)	97	1984
Pseudomonas avenae (See Acidovorax avenae subsp. avenae 511)			Puccinia striiformis var. striiformis (See Puccinia striiformis 97)		
Pseudomonas caryophylli (See Burkholderia caryophylli 411)			Puccinia substriata var. penicillariae	225	1992
Pseudomonas cepacia (= Burkholderia cepacia)	577	1987	Pyrenochaeta lycopersici	1114	2011 *
Pseudomonas cichorii	553	2006 *	Pyrenopeziza brassicae	193	2006 *
Pseudomonas corrugata	579	1996	Pyrenopeziza medicaginis (= Leptotrochila medicaginis)	141	1969
Pseudomonas fuscovaginae	742	2016 *	Pyrenophora avenae (See Pyrenophora chaetomioides 105)		
Pseudomonas marginalis pv. marginalis	357	1993	Pyrenophora chaetomioides	105	1991
Pseudomonas marginalis pv. pastinacae	580	1987	Pyrenophora graminea	758	1998 *
Pseudomonas oryzicola (Discontinued, see Pseudomonas syringae pv. syringae 336)	508	1975	Pyrenophora seminiperda	683	1995
Pseudomonas rubrilineans (Discontinued, see Acidovorax avenae subsp. avenae 511= Acidovorax ave	39	1987	Pyrenophora teres	364	1986
Pseudomonas savastanoi pv. fraxini (Discontinued, see Pseudomonas syringae pv. savastanoi 135)	134	1987	Pyrenophora tritici-repentis	639	1992
Pseudomonas syringae pv. savastanoi 135)			Pyricularia grisea (See Magnaporthe grisea 1205)		
Pseudomonas savastanoi pv. glycinea	782	1999 *	Pyricularia oryzae (See Magnaporthe oryzae 51)		
Pseudomonas savastanoi pv. phaseolicola (See Pseudomonas syringae pv. phaseolicola 85)			Pythium acanthophorum	634	1991
Pseudomonas savastanoi pv. savastanoi (See Pseudomonas syringae pv. savastanoi 135)			Pythium aphanidermatum	309	1978
Pseudomonas solanacearum (Discontinued, see Ralstonia solanacearum races 1-3= Ralstonia solanac	138	1977	Pythium arrhenomanes	420	1976
Pseudomonas syringae pv. actinidiae	1043	2016 *	Pythium debaryanum	208	1984
Pseudomonas syringae pv. aesculi	1093	2017 *	Pythium deliense	439	1990
Pseudomonas syringae pv. atrofaciens	369	1982	Pythium erinaceum	635	1991
Pseudomonas syringae pv. coronafaciens	356	1987	Pythium graminicola	296	1992
Pseudomonas syringae pv. garcae	1238	2019 *	Pythium irregulare	206	2010 *
Pseudomonas syringae pv. lachrymans	355	1987	Pythium myriotylum	622	1991
Pseudomonas syringae pv. maculicola	312	1993	Pythium splendens	433	1979
Pseudomonas syringae pv. mori	1069	2009 *	Pythium tracheiphilum	636	1991
Pseudomonas syringae pv. morsprunorum	132	1996	Pythium ultimum	207	1981
Pseudomonas syringae pv. oryzae	743	1997 *	Pythium vexans	205	1984
Pseudomonas syringae pv. passiflorae	526	1996	Quinisulcius acutus	1125	2012 *
Pseudomonas syringae pv. persicae	859	2002 *	Radopholus citrophilus (See Radopholus similis 793)		
Pseudomonas syringae pv. phaseolicola (= Pseudomonas savastanoi pv. phaseolicola)	85	1992	Radopholus duriophilus	1015	2007 *
Pseudomonas syringae pv. pisi	253	1993	Radopholus similis	793	2019 *
Pseudomonas syringae pv. savastanoi (= Pseudomonas savastanoi pv. savastanoi)	135	1987	Raffaelea lauricola	1170	2015 *
Pseudomonas syringae pv. sesami	398	1996	Raffaelea quercivora	1026	2008 *
Pseudomonas syringae pv. striafaciens	363	1987	Ralstonia solanacearum (See Pseudomonas solanacearum 138)		
Pseudomonas syringae pv. syringae	336	2012 *	Ralstonia solanacearum race 1	783	1999 *
Pseudomonas syringae pv. tabaci (See Pseudomonas angulata 321)			Ralstonia solanacearum race 2	784	1999 *
Pseudomonas syringae pv. tabaci	293	1996	Ralstonia solanacearum race 3	785	1999 *
Pseudomonas syringae pv. tomato	697	1996	Ralstonia syzygii (See Pseudomonas syzygii 860)		
Pseudomonas syzygii (= Ralstonia syzygii)	860	2002 *	Ramularia armoraciae	229	1989
Pseudomonas viridiflava	917	2004 *	Ramularia bellunensis	292	1954
Pseudoperonospora cannabina	478	1989	Ramularia collo-cygni	1082	2018 *
Pseudoperonospora cubensis (See Pseudoperonospora humuli 14)			Ramularia gossypii (= Mycosphaerella areola)	260	1986
Pseudoperonospora cubensis	285	1981	Ramularia onobrychidis	230	1989
Pseudoperonospora humuli (= Pseudoperonospora cubensis)	14	1986	Ramularia vallisumbrosae	228	1971
Pseudopeziza tracheiphila (See Pseudopeziza tracheiphila 308)			Ramulispora sorghi	584	1988
Pseudopeziza tracheiphila (See Pseudopeziza tracheiphila 308)			Ramulispora sorghicola	585	1988
Pseudopeziza medicaginis	129	1987	Raspberry bushy dwarf virus	1149	2013 *
Pseudopeziza tracheiphila (= Pseudopeziza tracheiphila)	308	2000 *	Raspberry leaf blotch virus	1171	2015 *
Pseudospiropes elaeidis (= Cercospora elaeidis)	487	1989	Raspberry leaf curl virus	794	1999 *
Puccinia allii	400	1984	Raspberry ringspot virus	933	2004 *
Puccinia antirrhini	40	1986	Rathayibacter rathayi	156	1996
Puccinia arachidis	160	2015 *	Rathayibacter tritici	156	1996
Puccinia asparagi	216	1996	Ravenelia parasnathii	610	1989
			Readeriella zuluensis (See Coniothyrium zuluense 974)		
			Rhabdocline pseudotsugae	52	1995
			Rhadinaphelenchus cocophilus (= Bursaphelenchus cocophilus)	786	1999 *
			Rhizina inflata (= Rhizina undulata)	489	1993
			Rhizina undulata (See Rhizina inflata 489)		



Rhizobium radiobacter (See Agrobacterium tumefaciens 137)		Sphacelotheca destruens (= Sporisorium destruens)	<b>219</b>	1980	
Rhizobium rhizogenes (See Agrobacterium rhizogenes 140)		Sphacelotheca reiliana	<b>69</b>	1987	
Rhizoctonia oryzae-sativae	<b>564</b>	1985	Sphacelotheca sacchari (= Sporisorium sacchari)	<b>409</b>	1965
Rhizoctonia tuliparum	<b>581</b>	1987	Sphacelotheca sorghi (= Sporisorium sorghi)	<b>220</b>	1987
Rhizoctonia zeae (See Waitea circinata 1144)			Sphaerophragmium acaciae	<b>696</b>	1996
Rhodococcus fascians	<b>426</b>	2006 *	Sphaeropsis sapinea (See Diplodia pinea 459)		
Rhynchosporium oryzae (See Monographella albescens 492)			Sphaeropsis sapinea (See Diplodia pinea 459)		
Rhynchosporium secalis	<b>383</b>	1986	Sphaeropsis tumefaciens	<b>386</b>	1975
Rice black-streaked dwarf virus	<b>537</b>	2013 *	Sphaerostilbe repens (See Nectria mauriticolica 288)		
Rice dwarf virus	<b>43</b>	1976	Sphaerotheca aphanis (See Podosphaera aphanis 841)		
Rice gall dwarf phytoevirus (= Rice gall dwarf virus)	<b>744</b>	1997 *	Sphaerotheca humuli (See Podosphaera macularis 842)		
Rice grassy stunt tenuivirus (= Rice grassy stunt virus)	<b>745</b>	1997 *	Sphaerotheca mors-uvae (See Podosphaera mors-uvae 16)		
Rice hoja blanca tenuivirus (= Rice hoja blanca virus)	<b>359</b>	2000 *	Sphaerotheca pannosa (See Podosphaera pannosa 843)		
Rice ragged stunt oryzavirus (= Rice ragged stunt virus)	<b>746</b>	1997 *	Sphaerulina oryzina	<b>71</b>	1997 *
Rice stripe necrosis virus	<b>1056</b>	2017 *	Spilocaea eriobotryae (See Spilocaea pyracanthae 435)		
Rice stripe tenuivirus (= Rice stripe virus)	<b>817</b>	2000 *	Spilocaea oleaginea	<b>183</b>	1987
Rice transitory yellowing 'nucleorhabdovirus' (= Rice yellow stunt virus)	<b>517</b>	1997 *	Spilocaea pyracanthae	<b>435</b>	1982
Rice tungro bacilliform virus (See Rice tungro disease 516)			Spiroplasma citri	<b>375</b>	2013 *
Rice tungro disease (= Rice tungro spherical virus)	<b>516</b>	1997 *	Spiroplasma kunkelii	<b>1028</b>	2008 *
Rice tungro spherical virus (See Rice tungro disease 516)			Spongopora nasturtii	<b>1115</b>	2011 *
Rice yellow dwarf phytoplasma (= Candidatus Phytoplasma oryzae)	<b>747</b>	1997 *	Spongopora subterranea	<b>34</b>	2012 *
Rice yellow mottle virus	<b>538</b>	2010 *	Spongopora subterranea f.sp. subterranea (See Spongopora subterranea 34)		
Rice yellow stunt virus (See Rice transitory yellowing 'nucleorhabdovirus' 517)			Sporisorium cruentum (See Sphacelotheca cruenta 408)		
Rigidoporus lignosus (See Rigidoporus microporus 176)			Sporisorium destruens (See Sphacelotheca destruens 219)		
Rigidoporus microporus	<b>176</b>	1997 *	Sporisorium sacchari (See Sphacelotheca sacchari 409)		
Rose rosette emaravirus	<b>1229</b>	2018 *	Sporisorium scitamineum	<b>79</b>	2008 *
Rosellinia arcuata	<b>557</b>	1984	Sporisorium sorghi (See Sphacelotheca sorghi 220)		
Rosellinia bunodes	<b>358</b>	1985	Squash leaf curl bigeminivirus (See Squash leaf curl virus 748)		
Rosellinia necatrix	<b>306</b>	1987	Squash leaf curl China virus	<b>1161</b>	2014 *
Rosellinia pepo	<b>298</b>	1991	Squash leaf curl virus	<b>748</b>	2014 *
Rotylenchulus parvus	<b>952</b>	2005 *	Squash mosaic comovirus (= Squash mosaic virus)	<b>749</b>	1997 *
Rotylenchulus reniformis	<b>845</b>	2001 *	Sri Lankan cassava mosaic virus	<b>1250</b>	2019 *
Rubus stunt phytoplasma (= Candidatus Phytoplasma ulmi)	<b>831</b>	2001 *	Stagonospora melliloti	<b>638</b>	1991
			Stagonospora sacchari	<b>418</b>	1986
Sarocladium oryzae	<b>619</b>	1997 *	Stegophora ulmea	<b>935</b>	2004 *
Satsuma dwarf virus	<b>918</b>	2004 *	Stemphylium sarciniforme	<b>139</b>	1977
Sawadaea tulasnei	<b>1180</b>	2015 *	Stemphylium solani	<b>333</b>	1979
Scirrhia acicola (See Mycosphaerella dearnessii 482)			Stemphylium vesicarium	<b>979</b>	2006 *
Scirrhia pini (See Mycosphaerella pini 419)			Stenocarpella macrospora	<b>227</b>	2012 *
Sclerophthora macrospora	<b>287</b>	1986	Stenocarpella maydis	<b>724</b>	1996
Sclerophthora rayssiae (See Sclerophthora rayssiae var. zeae 1057)			Stigmata carpophila	<b>188</b>	1984
Sclerophthora rayssiae var. zeae (= Sclerophthora rayssiae)	<b>1057</b>	2009 *	Stigmata deflectens	<b>625</b>	1990
Sclerospora graminicola	<b>431</b>	1979	Strawberry crinkle virus	<b>936</b>	2004 *
Sclerospora maydis (See Peronosclerospora maydis 510)			Strawberry latent ringspot virus	<b>891</b>	2003 *
Sclerotinia borealis	<b>446</b>	1990	Strawberry mild yellow edge virus	<b>937</b>	2004 *
Sclerotinia minor	<b>889</b>	2003 *	Strawberry mottle virus	<b>1116</b>	2011 *
Sclerotinia narcissicola (= Botryotinia narcissicola)	<b>315</b>	1989	Strawberry pallidosis-associated virus	<b>1251</b>	2019 *
Sclerotinia sclerotiorum	<b>971</b>	2005 *	Strawberry vein banding virus	<b>876</b>	2002 *
Sclerotinia squamosa (See Botryotinia squamosa 164)			Streptomyces ipomoeae	<b>301</b>	1975
Sclerotinia trifoliorum	<b>274</b>	1990	Stromatinia cepivora (See Sclerotium cepivorum 331)		
Sclerotium cepivorum (= Stromatinia cepivora)	<b>331</b>	1990	Subanguina radiculicola	<b>1143</b>	2013 *
Scutellonema brachyurus	<b>990</b>	2006 *	Sugarcane chlorotic streak disease (See Sugarcane chlorotic streak virus 29)		
Scutellonema bradys	<b>818</b>	2011 *	Sugarcane chlorotic streak virus (= Sugarcane chlorotic streak disease)	<b>29</b>	1981
Scutellonema clathricaudatum	<b>1044</b>	2008 *	Sugarcane Fiji disease virus (See Fiji disease virus 17)		
Seiridium cardinale	<b>890</b>	2014 *	Sugarcane gumming disease	<b>3</b>	1999 *
Septoria albopunctata	<b>1150</b>	2013 *	Sugarcane mosaic virus	<b>299</b>	1987
Septoria apii (See Septoria apiicola 919)			Sugarcane ratoon stunting (See Clavibacter xyli subsp. xyli 318)		
Septoria apiicola	<b>919</b>	2004 *	Sugarcane sereh disease virus (Discontinued)	<b>95</b>	1965
Septoria cannabis	<b>477</b>	1990	Sugarcane streak mosaic virus	<b>1187</b>	2016 *
Septoria glycines	<b>361</b>	1985	Sugarcane streak virus	<b>100</b>	1976
Septoria helianthi	<b>468</b>	1992	Sugarcane white leaf phytoplasma	<b>807</b>	2000 *
Septoria lactucae	<b>485</b>	1992	Sugarcane yellow leaf virus	<b>1213</b>	2018 *
Septoria lycopersici	<b>108</b>	1982	Sweet potato chlorotic stunt virus	<b>953</b>	2005 *
Septoria passerinii	<b>498</b>	1993	Sweet potato feathery mottle virus	<b>892</b>	2003 *
Setosphaeria turcica	<b>257</b>	2008 *	Sweet potato little leaf phytoplasma	<b>832</b>	2001 *
Sirococcus clavignenti-juglandacearum	<b>1027</b>	2008 *	Sweet potato mild mottle virus	<b>1070</b>	2009 *
Soil-borne wheat mosaic virus (See Wheat (soil-borne) mosaic virus 84)			Synchytrium endobioticum	<b>1</b>	2015 *
Sorosporium saponariae (= Thecaphora saponariae)	<b>611</b>	1989	Synchytrium psophocarp	<b>535</b>	1993
South African cassava mosaic virus (See Cassava mosaic disease 184)			Taphrina cerasi	<b>199</b>	1980
Southern bean mosaic virus	<b>934</b>	2004 *	Taphrina deformans	<b>192</b>	1988
Southern tomato virus	<b>1212</b>	2018 *	Taphrina maculans	<b>536</b>	1990
Soybean crinkle leaf 'begomovirus' (= Soybean crinkle leaf virus)	<b>770</b>	1998 *	Taro bacilliform CH virus	<b>1239</b>	2019 *
Soybean mosaic virus	<b>390</b>	1970	Taro bacilliform virus	<b>750</b>	2019 *
Soybean vein necrosis virus	<b>1200</b>	2017 *	Tatumella citrea (See Pantoea citrea 1038)		
Sphaceloma arachidis	<b>231</b>	2000 *	Teratosphaeria zuluensis (See Coniothyrium zuluense 974)		
Sphaceloma fawcettii var. scabiosa (= Elsinoë fawcettii)	<b>161</b>	1990	Thanatephorus theobromae (See Oncobasidium theobromae 507)		
Sphaceloma perseae	<b>232</b>	1986	Thecaphora saponariae (See Sorosporium saponariae 611)		
Sphaceloma poinsettiae	<b>393</b>	1986	Thecaphora solani	<b>214</b>	1993
Sphacelotheca cruenta (= Sporisorium cruentum)	<b>408</b>	1987			

<i>Thekopsora minima</i>	1208	2017 *	<i>Ustilago scorzonerae</i> (= <i>Microbotryum scorzonerae</i> )	629	1991
<i>Thielaviopsis basicola</i>	218	2006 *	<i>Ustilago segetum</i> var. <i>avenae</i> (= <i>Ustilago avenae</i> )	238	1993
<i>Tilletia ayresii</i> (= <i>Conidiosporomyces ayresii</i> )	630	1991	<i>Ustilago segetum</i> var. <i>segetum</i> (= <i>Ustilago hordei</i> )	460	1994
<i>Tilletia barclayana</i>	75	1991	<i>Ustilago segetum</i> var. <i>tritici</i> (= <i>Ustilago tritici</i> )	368	1993
<i>Tilletia caries</i> (See <i>Tilletia tritici</i> 294)			<i>Ustilago shiraiana</i>	603	1989
<i>Tilletia controversa</i>	297	2012 *	<i>Ustilago syntherismae</i>	691	1996
<i>Tilletia foetida</i> (= <i>Tilletia laevis</i> )	295	1977	<i>Ustilago trichophora</i>	692	1996
<i>Tilletia indica</i>	173	2016 *	<i>Ustilago tritici</i> (See <i>Ustilago segetum</i> var. <i>tritici</i> 368)		
<i>Tilletia laevis</i> (See <i>Tilletia foetida</i> 295)			<i>Ustilago zeae</i> (= <i>Ustilago maydis</i> )	93	1986
<i>Tilletia lolii</i>	663	1993	<i>Ustilulina deusta</i> (= <i>Kretzschmaria deusta</i> )	417	1977
<i>Tilletia setariae</i>	689	1996			
<i>Tilletia tritici</i> (= <i>Tilletia caries</i> )	294	1990	<i>Valsa ceratosperma</i>	954	2005 *
<i>Tilletia tumefaciens</i>	627	1991	<i>Valsa mali</i>	612	1989
<i>Tilletia vittata</i>	690	1996	<i>Valsa sordida</i>	416	2006 *
Tobacco etch virus	1094	2010 *	<i>Venturia carpophila</i>	198	1979
Tobacco leaf curl virus	147	1975	<i>Venturia cerasi</i>	196	1980
Tobacco rattle virus	938	2004 *	<i>Venturia chlorospora</i>	981	2006 *
Tobacco ringspot virus	144	1984	<i>Venturia inaequalis</i>	120	1985
Tobacco streak virus	920	2004 *	<i>Venturia pirina</i> (= <i>Venturia pyrina</i> )	367	1982
<i>Tolyposporium ehrenbergii</i>	377	1987	<i>Venturia pyrina</i> (See <i>Venturia pirina</i> 367)		
<i>Tolyposporium penicillariae</i> (= <i>Moesziomyces bullatus</i> )	150	1987	<i>Verticillium albo-atrum</i>	365	1986
Tomato apical stunt viroid	1029	2014 *	<i>Verticillium calophylli</i> (See <i>Haplographium calophylli</i> 276)		
Tomato black ring virus	877	2002 *	<i>Verticillium dahliae</i>	366	1986
Tomato brown rugose fruit virus	1252	2019 *	<i>Verticillium longisporum</i>	1117	2011 *
Tomato bushy stunt virus	178	1980	<i>Verticillium theobromae</i> (= <i>Musicillium theobromae</i> )	146	1985
Tomato chlorosis virus	991	2016 *			
Tomato chlorotic dwarf viroid	1071	2014 *	<i>Waitea circinata</i> (= <i>Rhizoctonia zeae</i> )	1144	2013 *
Tomato chlorotic spot virus	1162	2014 *	Watermelon chlorotic stunt virus	955	2016 *
Tomato infectious chlorosis virus	921	2015 *	Watermelon curly mottle virus (See <i>Squash leaf curl virus</i> 748)		
Tomato leaf curl New Delhi virus	1193	2016 *	Watermelon mosaic virus	906	2003 *
Tomato mottle begomovirus (= <i>Tomato mottle virus</i> )	759	1998 *	Watermelon silver mottle orthotospovirus (= <i>Watermelon silver mottle virus</i> )	922	2018 *
Tomato ringspot virus (= <i>Tomato ringspot nepovirus</i> )	771	2015 *	Wheat (soil-borne) mosaic virus (= <i>Soil-borne wheat mosaic virus</i> )	84	1981
Tomato spotted wilt orthotospovirus (= <i>Tomato spotted wilt virus</i> )	8	2018 *	Wheat dwarf virus	992	2018 *
Tomato torrado virus	1095	2017 *	Wheat streak mosaic virus	443	2005 *
Tomato yellow leaf curl Sardinia virus	980	2006 *	Wheat striate mosaic virus (Discontinued)	396	1975
<i>Trachysphaera fructigena</i>	249	1988			
<i>Tranzschelia pruni-spinosae</i>	223	1973	<i>Xanthomonas albilineans</i>	33	1996
<i>Tranzscheliella hypodytes</i> (See <i>Ustilago hypodytes</i> 571)			<i>Xanthomonas alfalfae</i> subsp. <i>alfalfae</i> (See <i>Xanthomonas campestris</i> pv. <i>alfalfae</i> 552)		
<i>Trichoconiella padwickii</i>	314	2019 *	<i>Xanthomonas ampelina</i> (See <i>Xylophilus ampelinus</i> 531)		
<i>Trichodorus primitivus</i>	972	2005 *	<i>Xanthomonas arboricola</i> pv. <i>corylina</i>	699	2008 *
<i>Trichodorus viruliferus</i>	973	2005 *	<i>Xanthomonas arboricola</i> pv. <i>fragariae</i>	1096	2010 *
<i>Trichoscyphella willkommii</i> (See <i>Lachnellula willkommii</i> 614)			<i>Xanthomonas arboricola</i> pv. <i>juglandis</i>	133	2001 *
<i>Trichosporium vesiculosum</i>	1181	2015 *	<i>Xanthomonas arboricola</i> pv. <i>pruni</i>	340	2015 *
<i>Triphragmiopsis loricata</i>	1016	2007 *	<i>Xanthomonas axonopodis</i>	532	1979
<i>Trophotylenchulus piperis</i>	1126	2012 *	<i>Xanthomonas axonopodis</i> pv. <i>alfalfae</i> (See <i>Xanthomonas campestris</i> pv. <i>alfalfae</i> 552)		
Turnip mosaic virus (See <i>Cabbage black ringspot virus</i> 372)			<i>Xanthomonas axonopodis</i> pv. <i>allii</i>	982	2006 *
<i>Tylenchorhynchus annulatus</i>	905	2003 *	<i>Xanthomonas axonopodis</i> pv. <i>begoniae</i> (See <i>Xanthomonas campestris</i> pv. <i>begoniae</i> 413)		
<i>Tylenchorhynchus claytoni</i>	1072	2009 *	<i>Xanthomonas axonopodis</i> pv. <i>citri</i> (See <i>Xanthomonas citri</i> subsp. <i>citri</i> 11)		
<i>Tylenchulus semipenetrans</i>	795	1999 *	<i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i>	698	2013 *
			<i>Xanthomonas axonopodis</i> pv. <i>glycines</i> (See <i>Xanthomonas campestris</i> pv. <i>glycines</i> 700)		
Ugandan cassava brown streak virus	1151	2013 *	<i>Xanthomonas axonopodis</i> pv. <i>malvacearum</i> (See <i>Xanthomonas campestris</i> pv. <i>malvacearum</i> 57)		
<i>Ulocladium atrum</i>	1045	2008 *	<i>Xanthomonas axonopodis</i> pv. <i>manihotis</i>	521	2016 *
<i>Uncinula necator</i> (See <i>Erysiphe necator</i> 838)			<i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i> (= <i>Xanthomonas phaseoli</i> )	401	2007 *
<i>Uredo cajani</i>	236	1978	<i>Xanthomonas axonopodis</i> pv. <i>poinsetticola</i>	1003	2012 *
<i>Urocystis agropyri</i>	80	1991	<i>Xanthomonas axonopodis</i> pv. <i>punicae</i>	1163	2014 *
<i>Urocystis cepulae</i>	12	1984	<i>Xanthomonas axonopodis</i> pv. <i>ricini</i> (See <i>Xanthomonas campestris</i> pv. <i>ricini</i> 394)		
<i>Urocystis gladiolicola</i>	573	1987	<i>Xanthomonas axonopodis</i> pv. <i>vasculorum</i> (See <i>Sugarcane gumming disease</i> 3)		
<i>Urocystis occulta</i>	572	1986	<i>Xanthomonas axonopodis</i> pv. <i>vignicola</i> (See <i>Xanthomonas campestris</i> pv. <i>vignicola</i> 554)		
<i>Uromyces appendiculatus</i>	290	1981	<i>Xanthomonas campestris</i> pv. <i>alfalfae</i> (= <i>Xanthomonas alfalfae</i> subsp. <i>alfalfae</i> )	552	1983
<i>Uromyces betae</i> (See <i>Uromyces beticola</i> 265)			<i>Xanthomonas campestris</i> pv. <i>armoraciae</i>	993	2006 *
<i>Uromyces beticola</i>	265	2002 *	<i>Xanthomonas campestris</i> pv. <i>begoniae</i> (= <i>Xanthomonas axonopodis</i> pv. <i>begoniae</i> )	413	1996
<i>Uromyces ciceris-arietini</i>	235	1992	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	136	1987
<i>Uromyces decoratus</i>	472	1995	<i>Xanthomonas campestris</i> pv. <i>carotae</i> (= <i>Xanthomonas hortorum</i> pv. <i>carotae</i> )	407	1996
<i>Uromyces dianthi</i>	453	1992	<i>Xanthomonas campestris</i> pv. <i>citri</i> (See <i>Xanthomonas citri</i> subsp. <i>citri</i> 11)		
<i>Uromyces dolicholi</i>	236	1978	<i>Xanthomonas campestris</i> pv. <i>glycines</i> (= <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> )	700	1996
<i>Uromyces gladioli</i>	1046	2008 *	<i>Xanthomonas campestris</i> pv. <i>graminis</i> (= <i>Xanthomonas translucens</i> pv. <i>graminis</i> )	533	1993
<i>Uromyces musae</i>	565	1985	<i>Xanthomonas campestris</i> pv. <i>holcicola</i> (= <i>Xanthomonas vasicola</i> pv. <i>holcicola</i> )	395	1988
<i>Uromyces pisi-sativi</i>	404	1986	<i>Xanthomonas campestris</i> pv. <i>hyacinthi</i> (See <i>Xanthomonas hyacinthi</i> 551)		
<i>Uromyces striatus</i>	342	1982			
<i>Uromyces transversalis</i>	722	2013 *			
<i>Uromyces trifolii</i>	405	1976			
<i>Uromyces viciae-fabae</i> (= <i>Uromyces viciae-fabae</i> var. <i>viciae-fabae</i> )	200	1990			
<i>Uromyces viciae-fabae</i> var. <i>viciae-fabae</i> (See <i>Uromyces viciae-fabae</i> 200)					
<i>Ustilago inoidea virens</i>	347	1982			
<i>Ustilago avenae</i> (See <i>Ustilago segetum</i> var. <i>avenae</i> 238)					
<i>Ustilago crameri</i>	239	1981			
<i>Ustilago esculenta</i> (= <i>Yenia esculenta</i> )	628	1991			
<i>Ustilago hordei</i> (See <i>Ustilago segetum</i> var. <i>segetum</i> 460)					
<i>Ustilago hypodytes</i> (= <i>Tranzscheliella hypodytes</i> )	571	1986			
<i>Ustilago kamerunensis</i>	1240	2019 *			
<i>Ustilago maydis</i> (See <i>Ustilago zeae</i> 93)					

Xanthomonas campestris pv. juglandis (See Xanthomonas arboricola pv. juglandis 133)		
Xanthomonas campestris pv. malvacearum (= Xanthomonas citri subsp. malvacearum)	<b>57</b>	1996
Xanthomonas campestris pv. mangiferaeindicae	<b>1135</b>	2012 *
Xanthomonas campestris pv. manihotis (See Xanthomonas axonopodis pv. manihotis 521)		
Xanthomonas campestris pv. musacearum	<b>939</b>	2013 *
Xanthomonas campestris pv. oryzae (See Xanthomonas oryzae pv. oryzae 304)		
Xanthomonas campestris pv. oryzicola (See Xanthomonas oryzae pv. oryzicola 463)		
Xanthomonas campestris pv. pelargonii (= Xanthomonas hortorum pv. pelargonii)	<b>414</b>	1996
Xanthomonas campestris pv. phaseoli (See Xanthomonas axonopodis pv. phaseoli 401)		
Xanthomonas campestris pv. pruni (See Xanthomonas arboricola pv. pruni 340)		
Xanthomonas campestris pv. ricini (= Xanthomonas axonopodis pv. ricini)	<b>394</b>	1996
Xanthomonas campestris pv. sesami	<b>494</b>	1993
Xanthomonas campestris pv. vesicatoria (= Xanthomonas vesicatoria)	<b>269</b>	1987
Xanthomonas campestris pv. vignicola (= Xanthomonas axonopodis pv. vignicola)	<b>554</b>	1983
Xanthomonas citri subsp. citri	<b>11</b>	2014 *
Xanthomonas citri subsp. malvacearum (See Xanthomonas campestris pv. malvacearum 57)		
Xanthomonas cucurbitae	<b>1118</b>	2011 *
Xanthomonas euvesicatoria	<b>1214</b>	2018 *
Xanthomonas fragariae	<b>520</b>	2013 *
Xanthomonas gardneri	<b>1194</b>	2016 *
Xanthomonas hortorum pv. carotae (See Xanthomonas campestris pv. carotae 407)		
Xanthomonas hortorum pv. pelargonii (See Xanthomonas campestris pv. pelargonii 414)		
Xanthomonas hyacinthi	<b>551</b>	2000 *
Xanthomonas oryzae pv. oryzae	<b>304</b>	2016 *
Xanthomonas oryzae pv. oryzicola	<b>463</b>	2015 *
Xanthomonas perforans	<b>1188</b>	2016 *
Xanthomonas phaseoli (See Xanthomonas axonopodis pv. phaseoli 401)		
Xanthomonas phaseoli var. fuscans (Discontinued, see Xanthomonas axonopodis pv. phaseoli 401)	<b>402</b>	1973
Xanthomonas populi	<b>422</b>	1996
Xanthomonas translucens (translucens group of pathovars)	<b>264</b>	1998 *
Xanthomonas translucens pv. graminis (See Xanthomonas campestris pv. graminis 533)		
Xanthomonas vasicola pv. holcicola (See Xanthomonas campestris pv. holcicola 395)		
Xanthomonas vasicola pv. vasculorum (See Sugarcane gumming disease 3)		
Xanthomonas vesicatoria (See Xanthomonas campestris pv. vesicatoria 269)		
Xiphinema brevicollum	<b>1119</b>	2011 *
Xiphinema californicum	<b>983</b>	2006 *
Xiphinema diversicaudatum	<b>846</b>	2001 *
Xiphinema ifacolum	<b>1083</b>	2010 *
Xiphinema index	<b>819</b>	2000 *
Xiphinema rivesi	<b>940</b>	2004 *
Xylella fastidiosa	<b>262</b>	2015 *
Xylella fastidiosa subsp. fastidiosa	<b>1215</b>	2018 *
Xylella fastidiosa subsp. multiplex	<b>1216</b>	2018 *
Xylella fastidiosa subsp. pauca	<b>1217</b>	2018 *
Xylophilus ampelinus	<b>531</b>	1999 *
Xylophilus ampelinus (See Erwinia vitivora 326)		
Yenia esculenta (See Ustilago esculenta 628)		
Zucchini yellow mosaic virus	<b>893</b>	2003 *
Zygotylenchus guevarai	<b>1030</b>	2008 *