

## Updated ICTV list of names and abbreviations of viruses, viroids, and satellites infecting plants

C. M. Fauquet<sup>1</sup> and G. P. Martelli<sup>2</sup>

<sup>1</sup> ILTAB/ORSTOM, The Scripps Research Institute, Division of Plant Biology – MRC7,  
10666 N. Torrey Pines Road, La Jolla, CA 92037, U.S.A.

<sup>2</sup> Università degli Studi di Bari, Dipartimento Protezione delle Piante dalle Malattie,  
Via Amendola 165/a, 70126 Bari, Italy

In 1991, a working group composed by R. Hull, R. G. Milne and M. H. V. van Regenmortel appointed by the plant virus subcommittee of the ICTV, produced a standardized list of plant virus and viroid names and abbreviations [1]. Since then, this list has been used as a reference and the guidelines provided therein have been followed by the majority of plant virologists. However, because of the flexibility of the guidelines, a number of new viruses have been described with identical or erroneous abbreviations. Thus, between 1990 and 1993, with the assistance of the plant virus subcommittee chaired by G. P. Martelli, a new updated list of names and acronyms of viruses, viroids, and satellites infecting plants was generated.

The present list contains only the names and abbreviations of viruses, viroids, and satellites included in the VIth ICTV Report [2] and provides a limited number of synonyms, written in parenthesis. The purpose of this list is only to supply a unique set of names and abbreviations accepted by ICTV, rather than to establish the taxonomic status of any particular virus. This will be done by the present plant virus subcommittee, chaired by M. A. Mayo, and will be published at a later date. However, the current assignment of each virus name to a family and/or a genus is clearly indicated in the list. If a virus is unassigned within a family, only the family name is given, and if a virus is not assigned to a family, it is recorded as “Unassigned”. In the case of a virus classified as a “tentative species” in a genus and/or a family, the name of the genus and/or the family is provided between square brackets ([ ]). Taxa with international names are written in italics and the first letter is capitalized. If a taxon does not have an international name yet, its English vernacular name is written between quotation marks (“ ”) in plain letters without capitalization of the initials.

The current list of acronyms was generated following the principles accepted by ICTV in 1987 and new guidelines were added according to necessity. It is obvious that the abbreviations are not homogeneous, indicating that these guidelines have not been strictly established and applied to all virus and viroid names. As a result, there are a number of exceptions, which are accepted because the abbreviations were in usage prior to the establishment of the first list published in 1991 [1]. From the list that follows, it is clear that there are remarkable discrepancies in the way names of host plants have been abbreviated.

For instance, B, and B1 are the abbreviations for blueberry; C and Ct, for carrot; L, Li and Lac for lilac; Wm and W for watermelon. These cases are in excess of 40 and as it seems desirable that the abbreviations of host plant names included in virus name abbreviations be as consistent as possible, to facilitate unambiguous identification of the host, the issue of harmonization of abbreviations will be on the agenda of the new plant virus subcommittee of ICTV. As yet, satellites do not have official acronyms because there is no consensus among members of the ICTV satellite study-group on a method for abbreviating them.

### **Virus name guidelines**

Virus, viroid, and satellite names are English vernacular names and are written according to the current ICTV guidelines, i.e.:

- when the virus name contains a latinized plant species name, both genus and species names are written in plain letters and are not italicized, e.g., *Atropa belladonna* virus (AtBV),
- when the virus name contains a plant genus name, the first letter is capitalized if this name is not used as a vernacular name, and in all cases, when the plant species name is also indicated, e.g., *Iris fulva* mosaic virus (IFMV), and *iris* mild mosaic virus (IMMV).

### **Virus name abbreviation guidelines**

The principles accepted by ICTV at the Virology Congress of Edmonton in 1987 and published in 1991 [1], are the following:

1. abbreviations should be as simple as possible,
2. there should be no duplications,
3. the word “virus” present in all virus names is abbreviated “V”,
4. the word “viroid” present in all viroid names is abbreviated “Vd”,

In addition, the flexible guidelines used in the previous list were retained in the present one:

5. when similar virus names contain the terms “mosaic” and “mottle”, e.g., cowpea mosaic virus and cowpea mottle virus, “M” is chosen for “mosaic” and “Mo” for “mottle” (i.e., CPMV and CPMoV, respectively),
6. the word “ringspot” is abbreviated as “RS” in many but not all instances, even if “R” could have sufficed,
7. the second or third letter, or sometimes the second consonant, of the host plant name, in lower case, has served to differentiate certain conflicting abbreviations, e.g., CsBV for cassava bacilliform virus,
8. look-alike abbreviations where the same letters only differ in being upper or lower case were avoided (e.g., CoMV and COMV).

Furthermore, we have applied the following principles:

- a. when a particular combination of letters has been adopted for a particular plant species, new abbreviations will use the same combination, e.g., “CsBV”, but not “CasBV” or “CBV”, for cassava bacilliform virus,
- b. when several viruses have the same name and are differentiated by a number, the abbreviations will have a hyphen between letters and numbers, e.g., plantain virus 6 and plantain virus 8 are abbreviated “PIV-6” and “PIV-8”, in accordance with a principle now accepted by most of the vertebrate, fungal, and bacterial virologists,

- c. when viruses are distinguished by a letter, this letter is added at the end of the abbreviation without a hyphen, e.g., plantain virus X is abbreviated “P1VX”, in agreement with most of the cases in common usage in plant virology, (PVY, PVX, PVM, PVS, etc.),
- d. when viruses are distinguished by their geographical origin or any other combination of letters, a minimum number of letters is added to the virus abbreviation and a hyphen is used between the two sets of letters, e.g., tomato yellow leaf curl virus from Thailand is abbreviated “TYLCV-Th”,
- e. when a virus is “associated” to a disease, the word “associated” is abbreviated “a” and precedes the “V”, e.g., “CBSaV” for cassava brown streak associated virus,
- f. in several instances, a plant name was abbreviated with two letters instead of one and capital letters were used. Although this does not follow Edmonton’s guidelines, it was decided to keep these abbreviations and use the same for new viruses infecting same plants, e.g., “CPRMV” for cowpea rugose mosaic virus.

#### Changes made to the 1991 list

- CaRLV for carrot red leaf virus was changed to CtRLV because Ct is the chosen abbreviation for carrot and Ca is used for canna and cardamon,
- CCMVd for chrysanthemum chlorotic mottle viroid was changed into CChMVd as CCMV is the abbreviation of cowpea chlorotic mottle virus,
- CpGMV for cowpea golden mosaic virus was changed into CPGMV according to rule (f),
- CSAVd for carnation stunt-associated viroid was changed into CarSaVd according to rule (e) and because Car has been used for another carnation virus,
- CTVd for coconut tinangaja viroid was changed into CTiVd as CTV is used for citrus tristeza virus,
- CyMV for Cymbidium mosaic virus was changed into CymMV because Cym is the abbreviation chosen for Cymbidium,
- CyRSV for Cymbidium ringspot virus was changed into CymRSV because Cym is the abbreviation chosen for Cymbidium,
- ECV for elderberry carlavirus was changed into EV for elderberry virus because no genus name is to be used in a virus name,
- P1SMV for plantago severe mosaic virus instead of PSMV, which is now the abbreviation of Paspalum striate mosaic virus, and because P1 is a common abbreviation for Plantago,
- PMMsV for pepper mild mosaic virus has been changed to PMMV because of rule (5) stated above,
- PMMV for pepper mild mottle virus has been changed to PMMoV because of rule (5) stated above,
- RpRSV for raspberry ringspot virus instead of RRSV because RRSV was also used for rice ragged stunt virus,
- SbMV was turned into SMV because SMV has always been used for soybean mosaic virus,
- SqMV for squash mosaic virus instead of SMV because it was used for soybean mosaic virus,
- WCMV for watermelon curly mottle virus was changed into WmCMV according to rule (7).

Abutilon mosaic virus	(AbMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Acalypha yellow mosaic virus	(AYMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
African cassava mosaic virus	(ACMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Ageratum yellow vein virus	(AYVV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Agropyron mosaic virus	(AgMV)	<i>Potyviridae</i>	<i>Rymovirus</i>
Ahlum water-borne virus	(AWBV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
alfalfa cryptic virus 1	(ACV-1)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
alfalfa cryptic virus 2	(ACV-2)	<i>Partitiviridae</i>	[ <i>Betacryptovirus</i> ]
alfalfa mosaic virus	(AMV)	<i>Bromoviridae</i>	<i>Alfamovirus</i>
alligatorweed stunting virus	(AWSV)		[ <i>Closterovirus</i> ]
Alstroemeria mosaic virus	(AlMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Alstroemeria streak virus	(AlSV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Amaranthus leaf mottle virus	(AmLMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Amazon lily mosaic virus	(ALiMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
American hop latent virus	(AHLV)		<i>Carlavirus</i>
American plum line pattern virus	(APLPV)	<i>Bromoviridae</i>	<i>Iilarvirus</i>
Andean potato mottle virus	(APMoV)	<i>Comoviridae</i>	<i>Comovirus</i>
Aneilema virus	(AneV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Anthoxanthum latent blanching virus	(ALBV)		<i>Hordeivirus</i>
Anthoxanthum mosaic virus	(AntMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Anthriscus virus	(AntV)		[ <i>Carlavirus</i> ]
Anthriscus yellows virus	(AYV)	<i>Sequiviridae</i>	<i>Waikavirus</i>
apple chlorotic leaf spot virus	(ACLSV)		<i>Trichovirus</i>
apple mosaic virus	(ApMV)	<i>Bromoviridae</i>	<i>Iilarvirus</i>
(some isolates of rose mosaic virus)			
apple scar skin viroid	(ASSVd)	Viroid	
apple stem grooving virus	(ASGV)		<i>Capillovirus</i>
Aquilegia necrotic mosaic virus	(ANMV)		[ <i>Caulimovirus</i> ]
Aquilegia virus	(AqV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Arabis mosaic virus	(ArMV)	<i>Comoviridae</i>	<i>Nepovirus</i>
Arabis mosaic virus small satellite		Satellite	
Arabis mosaic virus large satellite		Satellite	
Araujia mosaic virus	(ArjMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Arracacha latent virus	(ALV)		[ <i>Carlavirus</i> ]
Arracacha virus A	(AVA)	<i>Comoviridae</i>	<i>Nepovirus</i>
Arracacha virus B	(AVB)	<i>Comoviridae</i>	[ <i>Nepovirus</i> ]
Arracacha virus Y	(AVY)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
artichoke curly dwarf virus	(ACDV)		[ <i>Potexvirus</i> ]
artichoke Italian latent virus	(AILV)	<i>Comoviridae</i>	<i>Nepovirus</i>
artichoke latent virus	(ArLV)	<i>Potyviridae</i>	<i>Potyvirus</i>
artichoke latent virus M	(ArLVM)		[ <i>Carlavirus</i> ]
artichoke latent virus S	(ArLVS)		[ <i>Carlavirus</i> ]
artichoke mottled crinkle virus	(AMCV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
artichoke vein banding virus	(AVBV)	<i>Comoviridae</i>	[ <i>Nepovirus</i> ]
artichoke yellow ringspot virus	(AYRSV)	<i>Comoviridae</i>	<i>Nepovirus</i>
asparagus virus 1	(AV-1)	<i>Potyviridae</i>	<i>Potyvirus</i>
asparagus virus 2	(AV-2)	<i>Bromoviridae</i>	<i>Iilarvirus</i>
asparagus virus 3	(AV-3)		<i>Potexvirus</i>
Asystasia gangetica mottle virus	(AGMoV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Asystasia golden mosaic virus	(AGMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Atropa belladonna virus	(AtBV)	<i>Rhabdoviridae</i>	
Aucuba bacilliform virus	(AuBV)		[ <i>Badnavirus</i> ]
Australian grapevine viroid	(AGVd)	Viroid	

avocado sunblotch viroid	(ASBVd)	Viroid	
bajra streak virus	(BaSV)	<i>Geminiviridae</i>	["Subgroup I Geminivirus"]
bamboo mosaic virus	(BaMV)		[ <i>Potexvirus</i> ]
bamboo mosaic virus satellite		Satellite	
banana bunchy top virus	(BBTV)	Unassigned	
banana streak virus	(BSV)		<i>Badnavirus</i>
barley mild mosaic virus	(BaMMV)	<i>Potyviridae</i>	<i>Bymovirus</i>
barley stripe mosaic virus	(BSMV)		<i>Hordeivirus</i>
barley virus (B-1)	(BarV-B1)		[ <i>Potexvirus</i> ]
barley yellow dwarf virus satellite		Satellite	
barley yellow dwarf virus- MAV	(BYDV-MAV)		<i>Luteovirus</i>
barley yellow dwarf virus- PAV	(BYDV-PAV)		<i>Luteovirus</i>
barley yellow dwarf virus- RGV	(BYDV-RGV)		<i>Luteovirus</i>
barley yellow dwarf virus- RMV	(BYDV-RMV)		<i>Luteovirus</i>
barley yellow dwarf virus- RPV	(BYDV-RPV)		<i>Luteovirus</i>
barley yellow dwarf virus- SGV	(BYDV-SGV)		<i>Luteovirus</i>
barley yellow mosaic virus	(BaYMV)	<i>Potyviridae</i>	<i>Bymovirus</i>
barley yellow striate mosaic virus	(BYSMV)	<i>Rhabdoviridae</i>	<i>Cytorhabdovirus</i>
bean calico mosaic virus	(BCaMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
bean common mosaic necrosis virus (serotype A of BCMV)	(BCMNV)	<i>Potyviridae</i>	<i>Potyvirus</i>
bean common mosaic virus (blackeye cowpea mosaic virus) (Azuki bean mosaic virus) (peanut stripe virus) (peanut mild mottle virus) (peanut chlorotic ring mottle virus) (sesame yellow mosaic virus)	(BCMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
bean dwarf mosaic virus	(BDMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
bean golden mosaic virus	(BGMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
bean leafroll virus (legume yellows virus) (Michigan alfalfa virus) (pea leafroll virus)	(BLRV)		<i>Luteovirus</i>
bean mild mosaic virus	(BMMV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
bean pod mottle virus	(BPMV)	<i>Comoviridae</i>	<i>Comovirus</i>
bean rugose mosaic virus	(BRMV)	<i>Comoviridae</i>	<i>Comovirus</i>
bean yellow mosaic virus (Crocus tomasinianus virus) (white lupin mosaic virus) (pea mosaic virus)	(BYMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
bean yellow vein-banding virus	(BYVBV)		<i>Umbravirus</i>
beet cryptic virus 1	(BCV-1)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
beet cryptic virus 2	(BCV-2)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
beet cryptic virus 3	(BCV-3)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
beet curly top virus	(BCTV)	<i>Geminiviridae</i>	"Subgroup II Geminivirus"
beet leaf curl virus	(BLCV)	<i>Rhabdoviridae</i>	
beet mosaic virus	(BtMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
beet necrotic yellow vein virus	(BNYVV)		[ <i>Furovirus</i> ]
beet pseudoyellows virus	(BPYV)		[ <i>Closterovirus</i> ]
beet soil-borne virus	(BSBV)		[ <i>Furovirus</i> ]
beet western yellows virus (beet mild yellowing virus)	(BWYV)		<i>Luteovirus</i>

(Malva yellows virus)			
(turnip mild yellows virus)			
beet western yellows virus satellite		Satellite	
beet yellow net virus	(BYNV)		[Luteovirus]
beet yellow stunt virus	(BYSV)		Closterovirus
beet yellows virus	(BYV)		Closterovirus
Belladonna mottle virus	(BeMV)		Tymovirus
Bermuda grass etched-line virus	(BELV)		Marafivirus
Bhendi yellow vein mosaic virus	(BYVMV)	Geminiviridae	"Subgroup III Geminivirus"
bidens mosaic virus	(BiMV)	Potyviridae	[Potyvirus]
bidens mottle virus	(BiMoV)	Potyviridae	Potyvirus
blackgram mottle virus	(BMoV)	Tombusviridae	[Carmovirus]
blueberry leaf mottle virus	(BLMV)	Comoviridae	Nepovirus
blueberry red ringspot virus	(BRRV)		Caulimovirus
blueberry scorch virus	(BISV)		[Carlavirus]
blueberry shock virus	(BIShV)	Bromoviridae	Iilarvirus
blueberry shoestring virus	(BSSV)		Sobemovirus
Boletus virus	(BoIV)		[Potexvirus]
bramble yellow mosaic virus	(BrmYMV)	Potyviridae	[Potyvirus]
brandle yellow mosaic virus	(BrnYMV)	Potyviridae	[Potyvirus]
broad bean mottle virus	(BBMV)	Bromoviridae	Bromovirus
broad bean necrosis virus	(BBNV)		[Furovirus]
broad bean stain virus	(BBSV)	Comoviridae	Comovirus
broad bean true mosaic virus	(BBTMV)	Comoviridae	Comovirus
broad bean wilt virus 1	(BBWV-1)	Comoviridae	Fabavirus
broad bean wilt virus 2	(BBWV-2)	Comoviridae	Fabavirus
broccoli necrotic yellows virus	(BNYV)	Rhabdoviridae	Cytorhabdovirus
brome mosaic virus	(BMV)	Bromoviridae	Bromovirus
brome streak virus	(BStV)	Potyviridae	[Rymovirus]
Bromus striate mosaic virus	(BrSMV)	Geminiviridae	"Subgroup I Geminivirus"
Bryonia mottle virus	(BryMV)	Potyviridae	[Potyvirus]
burdock stunt viroid	(BSVd)	Viroid	
burdock yellows virus	(BuYV)		Closterovirus
butterbur mosaic virus	(ButMV)		[Carlavirus]
cacao necrosis virus	(CNV)	Comoviridae	Nepovirus
cacao swollen shoot virus	(CSSV)		Badnavirus
cacao yellow mosaic virus	(CYMV)		Tymovirus
cactus virus 2	(CV-2)		Carlavirus
cactus virus X	(CVX)		Potexvirus
Callistephus chinensis chlorosis virus			
	(CCCV)	Rhabdoviridae	
canary reed mosaic virus	(CRMV)	Potyviridae	[Potyvirus]
Canavalia maritima mosaic virus	(CnMMV)	Potyviridae	[Potyvirus]
Canna yellow mottle virus	(CaYMV)		Badnavirus
caper latent virus	(CapLV)		Carlavirus
caraway latent virus	(CawLV)		[Carlavirus]
Cardamine latent virus	(CaLV)		[Carlavirus]
cardamom mosaic virus	(CdMV)	Potyviridae	Potyvirus
carnation bacilliform virus	(CBV)	Rhabdoviridae	
carnation cryptic virus 1	(CCV-1)	Partitiviridae	Alphacryptovirus
carnation cryptic virus 2	(CCV-2)	Partitiviridae	[Alphacryptovirus]
carnation etched ring virus	(CERV)		Caulimovirus
carnation Italian ringspot virus	(CIRSV)	Tombusviridae	Tombusvirus

carnation latent virus	(CLV)		<i>Carlavirus</i>
carnation mottle virus	(CarMV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
carnation necrotic fleck virus	(CNFV)		<i>Closterovirus</i>
carnation ringspot virus	(CRSV)		<i>Dianthovirus</i>
carnation stunt associated viroid-like RNA	(CarSaVd)	Viroid	
carnation vein mottle virus	(CVMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
carnation yellow stripe virus	(CYSV)		[ <i>Necrovirus</i> ]
carrot latent virus	(CtLtV)	<i>Rhabdoviridae</i>	
carrot mosaic virus	(CtMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
carrot mottle virus	(CMoV)		<i>Umbravirus</i>
carrot red leaf virus	(CtRLV)		<i>Luteovirus</i>
carrot temperate virus 1	(CTeV-1)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
carrot temperate virus 2	(CTeV-2)	<i>Partitiviridae</i>	<i>Betacryptovirus</i>
carrot temperate virus 3	(CTeV-3)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
carrot temperate virus 4	(CTeV-4)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
carrot thin leaf virus	(CTLV)	<i>Potyviridae</i>	<i>Potyvirus</i>
carrot yellow leaf virus	(CYLV)		<i>Closterovirus</i>
cassava American latent virus	(CsALV)	<i>Comoviridae</i>	<i>Nepovirus</i>
cassava bacilliform virus	(CsBV)	Unassigned	
cassava brown streak-associated virus	(CBSaV)		[ <i>Carlavirus</i> ]
cassava common mosaic virus	(CsCMV)		[ <i>Potexvirus</i> ]
cassava green mottle virus	(CGMV)	<i>Comoviridae</i>	<i>Nepovirus</i>
cassava symptomless virus	(CsSLV)	<i>Rhabdoviridae</i>	
cassava vein mosaic virus	(CsVMV)		[ <i>Caulimovirus</i> ]
cassava virus X	(CsVX)		<i>Potexvirus</i>
Cassia mild mosaic virus	(CasMMV)		[ <i>Carlavirus</i> ]
Cassia yellow blotch virus	(CYBV)	<i>Bromoviridae</i>	<i>Bromovirus</i>
Cassia yellow spot virus	(CasYSV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
cauliflower mosaic virus	(CaMV)		<i>Caulimovirus</i>
celery mosaic virus	(CeMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
celery yellow mosaic virus	(CeYMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
celery yellow spot virus	(CeYSV)		[ <i>Luteovirus</i> ]
Centrosema mosaic virus	(CenMV)		[ <i>Potexvirus</i> ]
cereal chlorotic mottle virus	(CerCMV)	<i>Rhabdoviridae</i>	
Cestrum virus	(CV)		[ <i>Caulimovirus</i> ]
Chara corallina virus	(ChaCV)		<i>Tobamovirus</i>
Chenopodium necrosis virus	(ChNV)		<i>Necrovirus</i>
cherry leaf roll virus	(CLRv)	<i>Comoviridae</i>	<i>Nepovirus</i>
cherry rasp leaf virus	(CRLV)	<i>Comoviridae</i>	[ <i>Nepovirus</i> ]
chickpea bushy dwarf virus	(CpBDV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
chickpea chlorotic dwarf virus	(CpCDV)	<i>Geminiviridae</i>	["Subgroup I Geminivirus"]
chickpea filiform virus	(CpFV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
chickpea stunt virus	(CpSV)		[ <i>Luteovirus</i> ]
chicory yellow blotch virus	(ChYBV)		[ <i>Carlavirus</i> ]
chicory yellow mottle virus	(ChYMV)	<i>Comoviridae</i>	<i>Nepovirus</i>
chicory yellow mottle viruslarge satellite		Satellite	
chilli veinal mottle virus	(ChiVMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Chinese yam necrotic mosaic virus	(ChYNMV)		[ <i>Carlavirus</i> ]
Chino del tomate virus	(CdTV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Chloris striate mosaic virus	(CSMV)	<i>Geminiviridae</i>	"Subgroup I Geminivirus"
chrysanthemum chlorotic mottle viroid-like RNA	(CChMVd)	Viroid	

chrysanthemum frutescens virus	(CFV)	<i>Rhabdoviridae</i>	
chrysanthemum stunt viroid	(CSVd)	Viroid	
chrysanthemum vein chlorosis virus	(CVCV)	<i>Rhabdoviridae</i>	
chrysanthemum virusB	(CVB)		<i>Carlavirus</i>
citrus bent leaf viroid	(CBLVd)	Viroid	
citrus exocortis viroid	(CEVd)	Viroid	
citrus leaf rugose virus (citrus crinkly leaf virus)	(CiLRV)	<i>Bromoviridae</i>	<i>Ilarvirus</i>
citrus leprosis virus	(CiLV)	[ <i>Rhabdoviridae</i> ]	
citrus tatter leaf virus	(CTLV)		<i>Capillovirus</i>
citrus tristeza virus	(CTV)		[ <i>Closterovirus</i> ]
citrus variegation virus	(CVV)	<i>Bromoviridae</i>	<i>Ilarvirus</i>
citrus viroid IV	(CVd-IV)	Viroid	
citrus viroids	(CVds)	Viroid	
Clitoria yellow mosaic virus	(CtYMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Clitoria yellow vein virus	(CYVV)		<i>Tymovirus</i>
clover enation virus	(CIEV)	<i>Rhabdoviridae</i>	
clover yellow mosaic virus	(CIYMV)		<i>Potexvirus</i>
clover yellow vein virus (pea necrosis virus) (statice virus Y)	(CIYVV)	<i>Potyviridae</i>	<i>Potyvirus</i>
cocksfoot mild mosaic virus	(CMMV)		[ <i>Sobemovirus</i> ]
cocksfoot mottle virus	(CoMV)		<i>Sobemovirus</i>
cocksfoot streak virus	(CSV)	<i>Potyviridae</i>	<i>Potyvirus</i>
coconut cadang-cadang viroid	(CCCVD)	Viroid	
coconut foliar decay virus	(CFDV)	Unassigned	
coconut tinangaja viroid	(CTiVd)	Viroid	
coffee ringspot virus	(CoRSV)	<i>Rhabdoviridae</i>	
cole latent virus	(CoLV)		[ <i>Carlavirus</i> ]
<i>Coleus blumei</i> viroid 1	(CbVd-1)	Viroid	
<i>Coleus blumei</i> viroid 2	(CbVd-2)	Viroid	
<i>Coleus blumei</i> viroid 3	(CbVd-3)	Viroid	
<i>Colocasia bobone</i> disease virus	(CBDV)	<i>Rhabdoviridae</i>	
Colombian datura virus	(CDV)	<i>Potyviridae</i>	<i>Potyvirus</i>
<i>Columnea</i> latent viroid	(CLVd)	Viroid	
<i>Commelina</i> mosaic virus	(ComMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
<i>Commelina</i> virus X	(ComVX)		<i>Potexvirus</i>
<i>Commelina</i> yellow mottle virus	(ComYMV)		<i>Badnavirus</i>
coriander feathery red vein virus	(CFRVV)	<i>Rhabdoviridae</i>	
cotton anthocyanosis virus	(CAV)		[ <i>Luteovirus</i> ]
cotton leaf crumple virus	(CLCrV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
cotton leaf curl virus	(CLCuV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
cow parsnip mosaic virus	(CowPMV)	<i>Rhabdoviridae</i>	
cowpea aphid-borne mosaic virus (South African passiflora virus)	(CABMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
cowpea chlorotic mottle virus	(CCMV)	<i>Bromoviridae</i>	<i>Bromovirus</i>
cowpea golden mosaic virus	(CPGMV)	<i>Geminiviridae</i>	["Subgroup III Geminivirus"]
cowpea green vein banding virus	(CGVBV)	<i>Potyviridae</i>	<i>Potyvirus</i>
cowpea mild mottle virus ( <i>Psophocarpus</i> necrotic mosaic virus) (groundnut crinkle virus) (tomato pale chlorosis virus) ( <i>Voandzeia</i> mosaic virus)	(CPMMV)		[ <i>Carlavirus</i> ]



cowpea mosaic virus	(CPMV)	<i>Comoviridae</i>	<i>Comovirus</i>
cowpea mottle virus	(CPMoV)	<i>Tombusviridae</i>	[ <i>Carmovirus</i> ]
cowpea rugose mosaic virus	(CPRMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
cowpea severe mosaic virus	(CPSMV)	<i>Comoviridae</i>	<i>Comovirus</i>
crimson clover latent virus	(CCLV)	<i>Comoviridae</i>	<i>Nepovirus</i>
Crinum mosaic virus	(CriMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Croatian clover virus	(CroCV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Croton yellow vein mosaic virus	(CYVMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
cucumber chlorotic spot virus	(CCSV)		[ <i>Closterovirus</i> ]
cucumber cryptic virus	(CuCV)	<i>Partitiviridae</i>	[ <i>Alphacryptovirus</i> ]
cucumber green mottle mosaic virus	(CGMMV)		<i>Tobamovirus</i>
cucumber leaf spot virus	(CLSV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
cucumber mosaic virus	(CMV)	<i>Bromoviridae</i>	<i>Cucumovirus</i>
cucumber mosaic virus satellite		Satellite	
cucumber necrosis virus	(CuNV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
cucumber soil-borne virus	(CuSBV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
cucumber vein yellowing virus	(CVYV)	Unassigned	
cucumber yellows virus	(CuYV)		[ <i>Closterovirus</i> ]
Cycas necrotic stunt virus	(CNSV)	<i>Comoviridae</i>	<i>Nepovirus</i>
Cymbidium mosaic virus	(CymMV)		<i>Potexvirus</i>
Cymbidium ringspot virus	(CymRSV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
Cymbidium ringspot virus satellite		Satellite	
Cynara virus	(CraV)	<i>Rhabdoviridae</i>	
Cynodon mosaic virus	(CynMV)		[ <i>Carlavirus</i> ]
Cynosurus mottle virus	(CnMoV)		[ <i>Sobemovirus</i> ]
Cypripedium calceolus virus	(CypCV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
dahlia mosaic virus	(DMV)		<i>Caulimovirus</i>
dandelion latent virus	(DaLV)		<i>Carlavirus</i>
dandelion yellow mosaic virus	(DaYMV)	<i>Sequiviridae</i>	<i>Sequivirus</i>
daphne virus S	(DVS)		[ <i>Carlavirus</i> ]
daphne virus X	(DVX)		[ <i>Potexvirus</i> ]
daphne virus Y	(DVY)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
dasheen mosaic virus	(DsMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
datura distortion mosaic virus	(DDMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
datura mosaic virus	(DTMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
datura necrosis virus	(DNV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
datura shoestring virus	(DSTV)	<i>Potyviridae</i>	<i>Potyvirus</i>
datura virus 437	(DV-437)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
datura yellow vein virus	(DYVV)	<i>Rhabdoviridae</i>	<i>Nucleorhabdovirus</i>
Dendrobium leaf streak virus	(DLSV)	[ <i>Rhabdoviridae</i> ]	
Dendrobium mosaic virus	(DeMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Dendrobium vein necrosis virus	(DVNV)		[ <i>Closterovirus</i> ]
Desmodium mosaic virus	(DesMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Desmodium yellow mottle virus	(DYMV)		<i>Tymovirus</i>
Digitaria streak virus	(DSV)	<i>Geminiviridae</i>	"Subgroup I Geminivirus"
Digitaria striate mosaic virus	(DiSMV)	<i>Geminiviridae</i>	"Subgroup I Geminivirus"
Digitaria striate virus	(DiSV)	<i>Rhabdoviridae</i>	
Diodia vein chlorosis virus	(DVCV)		[ <i>Closterovirus</i> ]
Dioscorea alata ring mottle virus	(DARMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Dioscorea bacilliform virus	(DBV)		<i>Badnavirus</i>
Dioscorea latent virus	(DLV)		[ <i>Potexvirus</i> ]
Dioscorea trifida virus	(DTV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Dipladenia mosaic virus	(DipMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]

dock mottling mosaic virus	(DMMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Dolichos yellow mosaic virus	(DoYMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Dulcamara mottle virus	(DuMV)		<i>Tymovirus</i>
Dulcamara virus A	(DuVA)		[ <i>Carlavirus</i> ]
Dulcamara virus B	(DuVB)		[ <i>Carlavirus</i> ]
Echinochloa hoja blanca virus	(EHBV)		[ <i>Tenuivirus</i> ]
Echinochloa ragged stunt virus	(ERSV)	<i>Reoviridae</i>	<i>Oryzavirus</i>
Eclipta yellow vein virus	(EYVV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
eggplant green mosaic virus	(EGMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
eggplant mild mottle virus (eggplant virus)	(EMMV)		[ <i>Carlavirus</i> ]
eggplant mosaic virus (Andean potato latent virus)	(EMV)		<i>Tymovirus</i>
eggplant mottled crinkle virus	(EMCV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
eggplant mottled dwarf virus (Pittosporum vein yellowing virus) (tomato vein yellowing virus)	(EMDV)	<i>Rhabdoviridae</i>	<i>Nucleorhabdovirus</i>
eggplant severe mottle virus	(ESMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
eggplant yellow mosaic virus	(EYMV)	<i>Geminiviridae</i>	["Subgroup III Geminivirus"]
elderberry latent virus	(ELV)	<i>Tombusviridae</i>	[ <i>Carmovirus</i> ]
elderberry virus (elderberry virus A)	(EV)		<i>Carlavirus</i>
elm mottle virus	(EMoV)	<i>Bromoviridae</i>	<i>Iilarvirus</i>
Erysimum latent virus	(ErLV)		<i>Tymovirus</i>
Euonymus fasciation virus	(EFV)	<i>Rhabdoviridae</i>	
Euonymus mosaic virus	(EuoMV)		[ <i>Carlavirus</i> ]
Eupatorium yellow vein virus	(EpYVV)	<i>Geminiviridae</i>	["Subgroup III Geminivirus"]
Euphorbia mosaic virus	(EuMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Euphorbia ringspot virus	(EuRV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
European wheat striate mosaic virus	(EWSMV)		[ <i>Tenuivirus</i> ]
fescue cryptic virus	(FCV)	<i>Partitiviridae</i>	[ <i>Alphacryptovirus</i> ]
Festuca leaf streak virus	(FLSV)	<i>Rhabdoviridae</i>	<i>Cytorhabdovirus</i>
Festuca necrosis virus	(FNV)		[ <i>Closterovirus</i> ]
Ficus carica virus	(FicCV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
fig virus S	(FVS)		[ <i>Carlavirus</i> ]
figwort mosaic virus	(FMV)		<i>Caulimovirus</i>
Fiji disease virus	(FDV)	<i>Reoviridae</i>	<i>Fijivirus</i>
filaree red leaf virus	(FLRV)		[ <i>Luteovirus</i> ]
finger millet mosaic virus	(FMMV)	<i>Rhabdoviridae</i>	
foxtail mosaic virus	(FoMV)		<i>Potexvirus</i>
frangipani mosaic virus	(FrMV)		<i>Tobamovirus</i>
freesia mosaic virus	(FreMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
fuchsia latent virus	(FLV)		[ <i>Carlavirus</i> ]
Furcraea necrotic streak virus	(FNSV)		[ <i>Dianthovirus</i> ]
Galinsoga mosaic virus	(GaMV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
garland chrysanthemum temperate virus	(GCTV)	<i>Partitiviridae</i>	[ <i>Alphacryptovirus</i> ]
garlic common latent virus	(GCLV)		<i>Carlavirus</i>
garlic mosaic virus	(GarMV)		[ <i>Carlavirus</i> ]
garlic virus A	(GarVA)	Unassigned	
garlic virus B	(GarVB)	Unassigned	
garlic virus C	(GarVC)	Unassigned	
garlic virus D	(GarVD)	Unassigned	

garlic yellow streak virus	(GYSV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Gentiana virus	(GenV)		[ <i>Carlavirus</i> ]
gerbera symptomless virus	(GerSLV)	<i>Rhabdoviridae</i>	
ginger chlorotic fleckvirus	(GCFV)		[ <i>Sobemovirus</i> ]
Gloriosa stripe mosaic virus	(GSMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Glycine mosaic virus	(GMV)	<i>Comoviridae</i>	<i>Comovirus</i>
Glycine mottle virus	(GMoV)	<i>Tombusviridae</i>	[ <i>Carmovirus</i> ]
Gomphrena virus	(GoV)	<i>Rhabdoviridae</i>	
grapevine ajinashika virus	(GAV)		[ <i>Luteovirus</i> ]
grapevine Algerian latent virus	(GALV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
grapevine Bulgarian latent virus	(GBLV)	<i>Comoviridae</i>	<i>Nepovirus</i>
grapevine Bulgarian latent virus satellite		Satellite	
grapevine chrome mosaic virus	(GCMV)	<i>Comoviridae</i>	<i>Nepovirus</i>
grapevine corky bark-associated virus	(GCBaV)		[ <i>Closterovirus</i> ]
grapevine fanleaf virus	(GFLV)	<i>Comoviridae</i>	<i>Nepovirus</i>
grapevine fanleaf virus satellite		Satellite	
grapevine fleck virus	(GFkV)	Unassigned	
grapevine leafroll-associated virus 1	(GLRaV-1)		[ <i>Closterovirus</i> ]
grapevine leafroll-associated virus 2	(GLRaV-2)		[ <i>Closterovirus</i> ]
grapevine leafroll-associated virus 3	(GLRaV-3)		[ <i>Closterovirus</i> ]
grapevine leafroll-associated virus 4	(GLRaV-4)		[ <i>Closterovirus</i> ]
grapevine leafroll-associated virus 5	(GLRaV-5)		[ <i>Closterovirus</i> ]
grapevine Tunisian ringspot virus	(GTRSV)	<i>Comoviridae</i>	<i>Nepovirus</i>
grapevine virus A	(GVA)		[ <i>Trichovirus</i> ]
grapevine virus B	(GVB)		[ <i>Trichovirus</i> ]
grapevine yellow speckle viroid 1	(GYSVd-1)	Viroid	
grapevine yellow speckle viroid 2	(GYSVd-2)	Viroid	
groundnut eyespot virus	(GEV)	<i>Potyviridae</i>	<i>Potyvirus</i>
groundnut rosette assistor virus	(GRAV)		<i>Luteovirus</i>
groundnut rosette virus	(GRV)		<i>Umbravirus</i>
groundnut rosette virus satellite		Satellite	
guar symptomless virus	(GSLV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
guinea grass mosaic virus	(GGMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Gynura latent virus (strain of <i>Chrysanthemum</i> B?)	(GyLV)		[ <i>Carlavirus</i> ]
Habenaria mosaic virus	(HaMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Helenium virus S	(HVS)		<i>Carlavirus</i>
Helenium virus Y	(HVY)	<i>Potyviridae</i>	<i>Potyvirus</i>
Helleborus mosaic virus	(HeMV)		[ <i>Carlavirus</i> ]
henbane mosaic virus	(HBMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Heracleum latent virus	(HLV)		[ <i>Trichovirus</i> ]
Heracleum virus 6	(HV-6)		[ <i>Closterovirus</i> ]
hibiscus chlorotic ringspot virus	(HCRSV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
hibiscus latent ringspot virus	(HLRSV)	<i>Comoviridae</i>	<i>Nepovirus</i>
Hippeastrum mosaic virus	(HiMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Holcus lanatus yellowing virus	(HLYV)	<i>Rhabdoviridae</i>	
Holcus streak virus	(HSV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
honeysuckle latent virus	(HnLV)		<i>Carlavirus</i>
honeysuckle yellow vein mosaic virus	(HYVMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
hop latent viroid	(HLVd)	Viroid	
hop latent virus	(HpLV)		<i>Carlavirus</i>
hop mosaic virus	(HpMV)		<i>Carlavirus</i>
hop stunt viroid	(HSVd)	Viroid	

hop trefoil cryptic virus 1	(HTCV-1)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
hop trefoil cryptic virus 2	(HTCV-2)	<i>Partitiviridae</i>	<i>Betacryptovirus</i>
hop trefoil cryptic virus 3	(HTCV-3)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
Hordeum mosaic virus	(HoMV)	<i>Potyviridae</i>	<i>Rymovirus</i>
horsegram yellow mosaic virus	(HgYMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
horseradish latent virus	(HRLV)		<i>Caulimovirus</i>
<i>Humulus japonicus</i> virus	(HJV)	<i>Bromoviridae</i>	<i>Iilarvirus</i>
Hungarian datura innoxia virus	(HDIV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
hyacinth mosaic virus	(HyaMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
hydrangea latent virus	(HdLV)		<i>Carlavirus</i>
hydrangea mosaic virus	(HdMV)	<i>Bromoviridae</i>	<i>Iilarvirus</i>
hydrangea ringspot virus	(HRSV)		<i>Potexvirus</i>
Hypochoeris mosaic virus	(HyMV)		[ <i>Furovirus</i> ]
impatiens latent virus	(ILV)		[ <i>Carlavirus</i> ]
impatiens necrotic spot virus	(INSV)	<i>Bunyaviridae</i>	<i>Tospovirus</i>
Indian cassava mosaic virus	(ICMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Indian pepper mottle virus	(IPMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Indonesian soybean dwarf virus	(ISDV)		<i>Luteovirus</i>
Iris fulva mosaic virus	(IFMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Iris germanica leaf stripe virus	(IGLSV)	<i>Rhabdoviridae</i>	
iris mild mosaic virus	(IMMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
iris severe mosaic virus (bearded iris mosaic virus)	(ISMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
isachne mosaic virus	(IsaMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
ivy vein clearing virus	(IVCV)	<i>Rhabdoviridae</i>	
Jatropha mosaic virus	(JMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Johnsongrass mosaic virus	(JGMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
kalanchoe latent virus	(KLV)		<i>Carlavirus</i>
kalanchoe top-spotting virus	(KTSV)		<i>Badnavirus</i>
Kennedya virus Y	(KVY)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Kennedya yellow mosaic virus	(KYMV)		<i>Tymovirus</i>
konjac mosaic virus	(KMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
kyuri green mottle mosaic virus	(KGMMV)		<i>Tobamovirus</i>
Laelia red leafspot virus	(LRLV)	<i>Rhabdoviridae</i>	
Lamium mild mosaic virus	(LMMV)	<i>Comoviridae</i>	<i>Fabavirus</i>
Lato river virus	(LRV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
Launea arborescens stunt virus	(LASV)	<i>Rhabdoviridae</i>	
leek yellow stripe virus	(LYSV)	<i>Potyviridae</i>	<i>Potyvirus</i>
lemon scented thyme leaf chlorosis virus	(LSTCV)	<i>Rhabdoviridae</i>	
lettuce infectious yellows virus	(LIYV)		[ <i>Closterovirus</i> ]
lettuce mosaic virus	(LMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
lettuce necrotic yellows virus	(LNYV)	<i>Rhabdoviridae</i>	<i>Cytorhabdovirus</i>
lettuce speckles mottle virus	(LSMV)		<i>Umbravirus</i>
lilac chlorotic leafspot virus	(LCLV)		[ <i>Capillovirus</i> ]
lilac mottle virus	(LiMV)		<i>Carlavirus</i>
lilac ring mottle virus	(LRMV)	<i>Bromoviridae</i>	<i>Iilarvirus</i>
lilac ringspot virus	(LacRSV)		[ <i>Carlavirus</i> ]
lily mild mottle virus	(LiMMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
lily symptomless virus ( <i>Alstroemeria</i> virus)	(LSV)		<i>Carlavirus</i>
lily virus X	(LVX)		<i>Potexvirus</i>
limabean golden mosaic virus	(LGMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Lisianthus necrosis virus	(LNV)		[ <i>Necrovirus</i> ]

Lolium ryegrass virus	(LoRV)	<i>Rhabdoviridae</i>	
lotus stem necrosis	(LoSNV)	<i>Rhabdoviridae</i>	
lucerne Australian latent virus	(LALV)	<i>Comoviridae</i>	<i>Nepovirus</i>
lucerne Australian symptomless virus	(LASV)	<i>Comoviridae</i>	[ <i>Nepovirus</i> ]
lucerne enation virus	(LEV)	<i>Rhabdoviridae</i>	
lucerne transient streak virus	(LTSV)		<i>Sobemovirus</i>
lucerne transient streak virus satellite		Satellite	
lupin leaf curl virus	(LLCV)	<i>Geminiviridae</i>	["Subgroup III Geminivirus"]
lupin yellow vein virus	(LYVV)	<i>Rhabdoviridae</i>	
lychnis ringspot virus	(LRSV)		<i>Hordeivirus</i>
lychnis virus	(LV)		[ <i>Potexvirus</i> ]
Maclura mosaic virus	(MacMV)	<i>Potyviridae</i>	
Macrotyloma mosaic virus	(MaMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
maize chlorotic dwarf virus	(MCDV)	<i>Sequiviridae</i>	<i>Waikavirus</i>
maize chlorotic mottle virus	(MCMV)		<i>Machlomovirus</i>
maize dwarf mosaic virus	(MDMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
maize mosaic virus	(MMV)	<i>Rhabdoviridae</i>	<i>Nucleorhabdovirus</i>
maize rayado fino virus	(MRFV)		<i>Marafivirus</i>
maize rough dwarf virus	(MRDV)	<i>Reoviridae</i>	<i>Fijivirus</i>
maize sterile stunt virus	(MSSV)	<i>Rhabdoviridae</i>	
maize streak virus	(MSV)	<i>Geminiviridae</i>	"Subgroup I Geminivirus"
maize stripe virus	(MSpV)		<i>Tenuivirus</i>
maize white line mosaic virus satellite		Satellite	
maize whiteline mosaic virus	(MWLMV)	Unassigned	
Malva silvestris virus	(MaSV)	<i>Rhabdoviridae</i>	
Malva vein clearing virus	(MVCV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Malva veinal necrosis virus	(MVNV)		[ <i>Potexvirus</i> ]
Malvaceous chlorosis virus	(MCV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
Maracuja mosaic virus	(MarMV)		<i>Tobamovirus</i>
marigold mottle virus	(MaMoV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Melandrium yellow fleck virus	(MYFV)	<i>Bromoviridae</i>	<i>Bromovirus</i>
Melilotus latent virus	(MeLV)	<i>Rhabdoviridae</i>	
Melilotus mosaic virus	(MeMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
melon leaf curl virus	(MLCV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
melon necrotic spot virus	(MNSV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
melon variegation virus	(MNV)	<i>Rhabdoviridae</i>	
melon vein-banding mosaic virus	(MVBMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Mibuna temperate virus	(MTV)	<i>Partitiviridae</i>	[ <i>Alphacryptovirus</i> ]
milk vetch dwarf virus	(MVDV)		[ <i>Luteovirus</i> ]
millet red leaf virus	(MRLV)		[ <i>Luteovirus</i> ]
mimosa bacilliform virus	(MBV)		[ <i>Badnavirus</i> ]
Mirabilis mosaic virus	(MiMV)		<i>Caulimovirus</i>
Miscanthus streak virus	(MiSV)	<i>Geminiviridae</i>	"Subgroup I Geminivirus"
Moroccan pepper virus	(MPV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
Moroccan watermelon mosaic virus	(MWMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
mulberry latent virus	(MLV)		<i>Carlavirus</i>
mulberry ringspot virus	(MRSV)	<i>Comoviridae</i>	<i>Nepovirus</i>
mungbean mosaic virus	(MbMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
mungbean mottle virus	(MMTV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
mungbean yellow mosaic virus	(MYMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
muskmelon vein necrosis virus	(MuVNV)		<i>Carlavirus</i>
muskmelon yellows virus	(MYV)		[ <i>Closterovirus</i> ]
myrobalan latent ringspot virus	(MLRSV)	<i>Comoviridae</i>	<i>Nepovirus</i>

myrobalan latent ringspot virus satellite		Satellite	
Nandina mosaic virus	(NaMV)		[Potexvirus]
Nandina stem pitting virus	(NSPV)		[Capillovirus]
narcissus degeneration virus	(NDV)	Potyviridae	Potyvirus
narcissus late season yellows virus (jonquil mild mosaic virus)	(NLSYV)	Potyviridae	[Potyvirus]
narcissus latent virus	(NLV)	Potyviridae	
narcissus mosaic virus	(NMV)		Potexvirus
narcissus tip necrosis virus	(NTNV)	Tombusviridae	[Carmovirus]
narcissus yellow stripe virus	(NYSV)	Potyviridae	Potyvirus
nasturtium mosaic virus	(NasMV)	Potyviridae	[Potyvirus]
Neckar river virus	(NRV)	Tombusviridae	Tombusvirus
negro coffee mosaic virus	(NeCMV)		[Potexvirus]
Nerine latent virus (Hippeastrum latent virus)	(NeLV)		Carlavirus
Nerine virus	(NV)	Potyviridae	[Potyvirus]
Nerine virus X	(NVX)		Potexvirus
Nicotiana glutinosa stunt viroid	(NGSVd)	Viroid	
Northern cereal mosaic virus	(NCMV)	Rhabdoviridae	Cytorhabdovirus
Nothoscordum mosaic virus	(NoMV)	Potyviridae	Potyvirus
oat blue dwarf virus	(OBDV)		Marafivirus
oat golden stripe virus	(OGSV)		Furovirus
oat mosaic virus	(OMV)	Potyviridae	Bymovirus
oat necrotic mottle virus	(ONMV)	Potyviridae	Rymovirus
oat sterile dwarf virus	(OSDV)	Reoviridae	Fijivirus
oat striate mosaic virus	(OSMV)	Rhabdoviridae	
Odontoglossum ringspot virus	(ORSV)		Tobamovirus
okra leaf curl virus	(OLCV)	Geminiviridae	"Subgroup III Geminivirus"
okra mosaic virus	(OkMV)		Tymovirus
olive latent ringspot virus	(OLRSV)	Comoviridae	Nepovirus
olive latent virus 1	(OLV-1)		[Sobemovirus]
olive latent virus 2	(OLV-2)	Unassigned	
onion yellow dwarf virus	(OYDV)	Potyviridae	Potyvirus
orchid fleck virus	(OFV)	Rhabdoviridae	
Ornithogalum mosaic virus	(OrMV)	Potyviridae	Potyvirus
Oourmia melon virus	(OuMV)	Unassigned	
palm mosaic virus	(PaMV)	Potyviridae	[Potyvirus]
Pangola stunt virus	(PaSV)	Reoviridae	Fijivirus
Panicum mosaic virus	(PMV)		[Sobemovirus]
Panicum mosaic virus satellite		Satellite	
Panicum mosaic virus small satellite		Satellite	
Panicum streak virus	(PanSV)	Geminiviridae	"Subgroup I Geminivirus"
papaya leaf curl virus	(PaLCV)	Geminiviridae	["Subgroup III Geminivirus"]
papaya leaf distortion mosaic virus	(PLDMV)	Potyviridae	[Potyvirus]
papaya mosaic virus	(PapMV)		Potexvirus
papaya ringspot virus (watermelon mosaic virus 1)	(PRSV)	Potyviridae	Potyvirus
paprika mild mottle virus	(PaMMV)		Tobamovirus
Parietaria mottle virus	(PMoV)	Bromoviridae	Iilarvirus
parsley virus	(PaV)	Rhabdoviridae	
parsley virus 5	(PaV-5)		[Potexvirus]
parsnip mosaic virus	(ParMV)	Potyviridae	Potyvirus
parsnip virus 3	(ParV-3)		[Potexvirus]

parsnip virus 5	(ParV-5)		[Potexvirus]
parsnip yellow fleck virus	(PYFV)	<i>Sequiviridae</i>	<i>Sequivirus</i>
parsnip yellow fleck virus A421	(PYFV-A421)	<i>Sequiviridae</i>	<i>Sequivirus</i>
Paspalum striate mosaic virus	(PSMV)	<i>Geminiviridae</i>	"Subgroup I Geminivirus"
Passiflora latent virus	(PLV)		<i>Carlavirus</i>
passion fruit mottle virus	(PFMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
passion fruit ringspot virus	(PFRSV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
passion fruit woodiness virus	(PWV)	<i>Potyviridae</i>	<i>Potyvirus</i>
passion fruit yellow mosaic virus	(PFYMV)		<i>Tymovirus</i>
patchouli mottle virus	(PatMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
pea early-browning virus	(PEBV)		<i>Tobravirus</i>
pea enation mosaic virus	(PEMV)		<i>Enamovirus</i>
pea enation mosaic virus satellite		Satellite	
pea green mottle virus	(PGMV)	<i>Comoviridae</i>	<i>Comovirus</i>
pea mild mosaic virus	(PMiMV)	<i>Comoviridae</i>	<i>Comovirus</i>
pea seed-borne mosaic virus	(PSbMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
pea streak virus	(PeSV)		<i>Carlavirus</i>
(alfalfa latent virus)			
peach latent mosaic viroid	(PLMVd)	Viroid	
peach rosette mosaic virus	(PRMV)	<i>Comoviridae</i>	<i>Nepovirus</i>
peanut chlorotic streak virus	(PCSV)		<i>Caulimovirus</i>
peanut clump virus	(PCV)		<i>Furovirus</i>
peanut green mottle virus	(PeGMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
peanut mosaic virus	(PeMsV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
peanut mottle virus	(PeMoV)	<i>Potyviridae</i>	<i>Potyvirus</i>
peanut stunt virus	(PSV)	<i>Bromoviridae</i>	<i>Cucumovirus</i>
(robinia mosaic virus)			
peanut stunt virus satellite		Satellite	
peanut yellow mosaic virus	(PeYMV)		<i>Tymovirus</i>
pear blister canker viroid	(PBCVd)	Viroid	
Pecteilis mosaic virus	(PcMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
pelargonium flower break virus	(PFBV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
pelargonium leaf curl virus	(PLCV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
pelargonium vein clearing virus	(PeIVCV)	<i>Rhabdoviridae</i>	
pelargonium zonate spot virus	(PZSV)	Unassigned	
pepino mosaic virus	(PepMV)		<i>Potexvirus</i>
pepper huasteco virus	(PHV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
pepper mild mosaic virus	(PMMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
pepper mild mottle virus	(PMMoV)		<i>Tobamovirus</i>
pepper mild tigré virus	(PepMTV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
pepper mottle virus	(PepMoV)	<i>Potyviridae</i>	<i>Potyvirus</i>
pepper ringspot virus	(PepRSV)		<i>Tobravirus</i>
pepper severe mosaic virus	(PepSMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
pepper veinal mottle virus	(PVMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Perilla mottle virus	(PerMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Peru tomato mosaic virus	(PTV)	<i>Potyviridae</i>	<i>Potyvirus</i>
petunia asteroid mosaic virus	(PeAMV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
petunia vein clearing virus	(PVCV)		[ <i>Caulimovirus</i> ]
Phalaenopsis chlorotic spot virus	(PhaCSV)	[ <i>Rhabdoviridae</i> ]	
Physalis mild chlorosis virus	(PhyMCV)		[ <i>Luteovirus</i> ]
Physalis mosaic virus	(PhyMV)		<i>Tymovirus</i>
Physalis vein blotch virus	(PhyVBV)		[ <i>Luteovirus</i> ]
pigeon pea mosaic mottle viroid	(PMMVd)	Viroid	

pigeon pea proliferation virus	(PPPV)	<i>Rhabdoviridae</i>	
pineapple chlorotic leaf streak virus	(PCLSV)	<i>Rhabdoviridae</i>	
pineapple mealybug wilt-associated virus	(PMWaV)		[Closterovirus]
piper yellow mottle virus	(PYMoV)		Badnavirus
Pisum virus	(PisV)	<i>Rhabdoviridae</i>	
Plantago mottle virus	(PIMV)		Tymovirus
Plantago severe mottle virus	(PISMV)		Potexvirus
Plantago virus 4	(PIV-4)		[Caulimovirus]
plantain mottle virus	(PIMV)	<i>Rhabdoviridae</i>	
plantain virus 6	(PIV-6)	<i>Tombusviridae</i>	[Carmovirus]
plantain virus 7	(PV-7)	<i>Potyviridae</i>	[Potyvirus]
plantain virus 8	(PIV-8)		[Carlavirus]
plantain virus X	(PIVX)		Potexvirus
Pleioblastus mosaic virus	(PleMV)	<i>Potyviridae</i>	[Potyvirus]
plum pox virus	(PPV)	<i>Potyviridae</i>	Potyvirus
Poa semilatifolia virus	(PSLV)		Hordeivirus
poinsettia cryptic virus	(PnCV)	<i>Partitiviridae</i>	[Alphacryptovirus]
poinsettia mosaic virus	(PnMV)		[Tymovirus]
pokeweed mosaic virus	(PkMV)	<i>Potyviridae</i>	Potyvirus
poplar mosaic virus	(PopMV)		Carlavirus
Populus virus	(PV)	<i>Potyviridae</i>	[Potyvirus]
potato aucuba mosaic virus	(PAMV)		Potexvirus
potato black ringspot virus	(PBRSV)	<i>Comoviridae</i>	Nepovirus
potato leafroll virus	(PLRV)		Luteovirus
potato mop-top virus	(PMTV)		Furovirus
potato spindle tuber viroid	(PSTVd)	Viroid	
potato virus A	(PVA)	<i>Potyviridae</i>	Potyvirus
potato virus M	(PVM)		Carlavirus
potato virus S	(PVS)		Carlavirus
(pepino latent virus)			
potato virus T	(PVT)		Trichovirus
potato virus U	(PVU)	<i>Comoviridae</i>	Nepovirus
potato virus V	(PVV)	<i>Potyviridae</i>	Potyvirus
potato virus X	(PVX)		Potexvirus
potato virus Y	(PVY)	<i>Potyviridae</i>	Potyvirus
potato yellow dwarf virus	(PYDV)	<i>Rhabdoviridae</i>	Nucleorhabdovirus
potato yellow mosaic virus	(PYMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
primula mosaic virus	(PrMV)	<i>Potyviridae</i>	[Potyvirus]
primula mottle virus	(PrMoV)	<i>Potyviridae</i>	[Potyvirus]
prune dwarf virus	(PDV)	<i>Bromoviridae</i>	Ilarvirus
Prunus necrotic ringspot virus	(PNRSV)	<i>Bromoviridae</i>	Ilarvirus
(some isolates of rose mosaic virus)			
Prunus virus S	(PruVS)		[Carlavirus]
Pseuderanthemum yellow vein virus	(PYVV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
quail pea mosaic virus	(QPMV)	<i>Comoviridae</i>	Comovirus
radish mosaic virus	(RaMV)	<i>Comoviridae</i>	Comovirus
radish yellow edge virus	(RYEV)	<i>Partitiviridae</i>	Alphacryptovirus
ranunculus mottle virus	(RanMV)	<i>Potyviridae</i>	[Potyvirus]
Ranunculus repens symptomless virus	(RanRSV)	<i>Rhabdoviridae</i>	
Raphanus virus	(RaV)	<i>Rhabdoviridae</i>	
raspberry bushy dwarf virus	(RBDV)		Idaeovirus
raspberry leaf curl virus	(RLCV)		[Luteovirus]



raspberry ringspot virus	(RpRSV)	<i>Comoviridae</i>	<i>Nepovirus</i>
raspberry vein chlorosis virus	(RVCV)	<i>Rhabdoviridae</i>	
red clover cryptic virus 2	(RCCV-2)	<i>Partitiviridae</i>	<i>Betacryptovirus</i>
red clover mosaic virus	(RCIMV)	<i>Rhabdoviridae</i>	
red clover mottle virus	(RCMV)	<i>Comoviridae</i>	<i>Comovirus</i>
red clover necrotic mosaic virus	(RCNMV)		<i>Dianthovirus</i>
red clover vein mosaic virus	(RCVMV)		<i>Carlavirus</i>
red pepper cryptic virus 1	(RPCV-1)	<i>Partitiviridae</i>	[ <i>Alphacryptovirus</i> ]
red pepper cryptic virus 2	(RPCV-2)	<i>Partitiviridae</i>	[ <i>Alphacryptovirus</i> ]
Rembrandt tulip breaking virus	(ReTBV)	<i>Potyviridae</i>	<i>Potyvirus</i>
rhododendron necrotic ringspot virus	(RoNRSV)		[ <i>Potexvirus</i> ]
rhubarb temperate virus	(RTV)	<i>Partitiviridae</i>	[ <i>Alphacryptovirus</i> ]
rhubarb virus 1	(RV-1)		[ <i>Potexvirus</i> ]
Rhynchosia mosaic virus	(RhMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
ribgrass mosaic virus	(RMV)		<i>Tobamovirus</i>
rice black streaked dwarf virus	(RBSDV)	<i>Reoviridae</i>	<i>Fijivirus</i>
rice dwarf virus	(RDV)	<i>Reoviridae</i>	<i>Phytoreovirus</i>
rice gall dwarf virus	(RGDV)	<i>Reoviridae</i>	<i>Phytoreovirus</i>
rice grassy stunt virus	(RGSV)		<i>Tenuivirus</i>
rice hoja blanca virus	(RHBV)		<i>Tenuivirus</i>
rice necrosis mosaic virus	(RNMV)	<i>Potyviridae</i>	<i>Bymovirus</i>
rice ragged stunt virus	(RRSV)	<i>Reoviridae</i>	<i>Oryzavirus</i>
rice stripe necrosis virus	(RSNV)		[ <i>Furovirus</i> ]
rice stripe virus	(RSV)		<i>Tenuivirus</i>
rice transitory yellowing virus	(RTYV)	<i>Rhabdoviridae</i>	
rice tungro bacilliform virus	(RTBV)		<i>Badnavirus</i>
rice tungro spherical virus	(RTSV)	<i>Sequiviridae</i>	<i>Waikavirus</i>
rice yellow mottle virus	(RYMV)		<i>Sobemovirus</i>
Rubus Chinese seed-borne virus	(RCSV)	<i>Comoviridae</i>	[ <i>Nepovirus</i> ]
ryegrass cryptic virus	(RGCV)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
ryegrass mosaic virus	(RGMV)	<i>Potyviridae</i>	<i>Rymovirus</i>
saguaro cactus virus	(SCV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
Sainpaulia leaf necrosis virus	(SLNV)	<i>Rhabdoviridae</i>	
Sambucus vein clearing virus	(SVCV)	<i>Rhabdoviridae</i>	
Sammons Opuntia virus	(SOV)		<i>Tobamovirus</i>
Santosai temperate virus	(STV)	<i>Partitiviridae</i>	[ <i>Alphacryptovirus</i> ]
Sarracenia purpurea virus	(SPV)	<i>Rhabdoviridae</i>	
Satsuma dwarf virus	(SDV)	<i>Comoviridae</i>	[ <i>Nepovirus</i> ]
Schefflera ringspot virus	(SRV)		<i>Badnavirus</i>
Scrophularia mottle virus	(ScrMV)		<i>Tymovirus</i>
(Anagyris vein yellowing virus)			
(Ononis yellow mosaic virus)			
Serrano golden mosaic virus	(SGMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
shallot latent virus	(SLV)		<i>Carlavirus</i>
sida golden mosaic virus	(SiGMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
sida yellow vein virus	(SiYVV)	<i>Geminiviridae</i>	[ <i>"Subgroup III Geminivirus"</i> ]
Sikte water-borne virus	(SWBV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
Sint-Jem's onion latent virus	(SJOLV)		<i>Carlavirus</i>
Smithiantha virus	(SmiV)		[ <i>Potexvirus</i> ]
soil-borne wheat mosaic virus	(SBWMV)		<i>Furovirus</i>
Solanum apical leaf curl virus	(SALCV)	<i>Geminiviridae</i>	[ <i>"Subgroup III Geminivirus"</i> ]
Solanum nodiflorum mottle virus	(SNMV)		<i>Sobemovirus</i>
Solanum nodiflorum mottle virus satellite		Satellite	

solanum yellows virus	(SYV)		<i>Luteovirus</i>
Sonchus mottle virus	(SMoV)		[ <i>Caulimovirus</i> ]
Sonchus virus	(SonV)	<i>Rhabdoviridae</i>	<i>Cytorhabdovirus</i>
Sonchus yellow net virus	(SYNV)	<i>Rhabdoviridae</i>	<i>Nucleorhabdovirus</i>
sorghum chlorotic spot virus	(SgCSV)		<i>Furovirus</i>
sorghum mosaic virus	(SrMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
sorghum virus	(SgV)	<i>Rhabdoviridae</i>	
soursop yellow blotch virus	(SYBV)	<i>Rhabdoviridae</i>	
Southern bean mosaic virus	(SBMV)		<i>Sobemovirus</i>
Southern potato latent virus	(SoPLV)		[ <i>Carlavirus</i> ]
sowbane mosaic virus	(SoMV)		<i>Sobemovirus</i>
sowthistle yellow vein virus	(SYVV)	<i>Rhabdoviridae</i>	<i>Nucleorhabdovirus</i>
soybean chlorotic mottle virus	(SBCMv)		<i>Caulimovirus</i>
soybean crinkle leaf virus	(SCLV)	<i>Geminiviridae</i>	["Subgroup III Geminivirus"]
soybean dwarf virus	(SbDV)		<i>Luteovirus</i>
(subterranean clover red leaf virus)			
(strawberry mild yellow edge virus)			
soybean mosaic virus	(SMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Spartina mottle virus	(SpMV)	<i>Potyviridae</i>	[ <i>Rymovirus</i> ]
spinach latent virus	(SpLV)	<i>Bromoviridae</i>	<i>Ilarvirus</i>
spinach temperate virus	(SpTV)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
spring beauty latent virus	(SBLV)	<i>Bromoviridae</i>	<i>Bromovirus</i>
squash leaf curl virus	(SLCV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
squash mosaic virus	(SqMV)	<i>Comoviridae</i>	<i>Comovirus</i>
Sri Lankan passion fruit mottle virus	(SLPMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
strawberry crinkle virus	(SCrV)	<i>Rhabdoviridae</i>	<i>Cytorhabdovirus</i>
strawberry latent ringspot virus	(SLRSV)	<i>Comoviridae</i>	[ <i>Nepovirus</i> ]
strawberry latent ringspot virus satellite		Satellite	
strawberry mild yellow edge-associated virus	(SMYEaV)		[ <i>Potexvirus</i> ]
strawberry pseudo mild yellow edge virus	(SPMYEV)		
strawberry vein banding virus	(SVBV)		<i>Carlavirus</i>
subterranean clover mottle virus	(SCMoV)		<i>Caulimovirus</i>
subterranean clover mottle virus satellite			<i>Sobemovirus</i>
subterranean clover stunt virus	(SCSV)		Satellite
subterranean clover stunt virus	(SCSV)	Unassigned	
sugarcane bacilliform virus	(SCBV)		<i>Badnavirus</i>
sugarcane mild mosaic virus	(SMMV)		[ <i>Closterovirus</i> ]
sugarcane mosaic virus	(SCMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
sugarcane streak virus	(SSV)	<i>Geminiviridae</i>	"Subgroup I Geminivirus"
sunflower crinkle virus	(SuCV)		[ <i>Umbravirus</i> ]
(sunflower rugose mosaic virus)			
sunflower mosaic virus	(SuMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
sunflower yellow blotch virus	(SuYBV)		[ <i>Umbravirus</i> ]
(sunflower yellow ringspot virus)			
sunhemp mosaic virus	(SHMV)		<i>Tobamovirus</i>
sweet clover necrotic mosaic virus	(SCNMV)		<i>Dianthovirus</i>
sweet potato feathery mottle virus	(SPFMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
(sweet potato russet crack virus)			
(sweet potato A virus)			
(sweet potato chlorotic leafspot virus)			
(sweet potato internal cork virus)			

sweet potato latent virus	(SwPLV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
sweet potato mild mottle virus	(SPMMV)	<i>Potyviridae</i>	
sweet potato vein mosaic virus	(SPVMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
sweet potato yellow dwarf virus	(SPYDV)	<i>Potyviridae</i>	
sword bean distortion mosaic virus	(SBDMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
tamarillo mosaic virus	(TamMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
taro bacilliform virus	(TaBV)		[ <i>Badnavirus</i> ]
teasel mosaic virus	(TeaMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Telfairia mosaic virus	(TeMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
Tephrosia symptomless virus	(TeSV)	<i>Tombusviridae</i>	[ <i>Carmovirus</i> ]
Texas pepper virus	(TPV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
thistle mottle virus	(ThMoV)		<i>Caulimovirus</i>
tobacco bushy top virus	(TBTV)		[ <i>Umbravirus</i> ]
tobacco etch virus	(TEV)	<i>Potyviridae</i>	<i>Potyvirus</i>
tobacco leaf curl virus	(TLCV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tobacco mild green mosaic virus	(TMGMV)		<i>Tobamovirus</i>
tobacco mosaic virus	(TMV)		<i>Tobamovirus</i>
tobacco mosaic virus satellite		Satellite	
tobacco mottle virus	(TMoV)		<i>Umbravirus</i>
tobacco necrosis virus	(TNV)		<i>Necrovirus</i>
tobacco necrosis virus satellite		Satellite	
tobacco necrosis virus small satellite		Satellite	
tobacco necrotic dwarf virus	(TNDV)		<i>Luteovirus</i>
tobacco rattle virus	(TRV)		<i>Tobravirus</i>
tobacco ringspot virus	(TRSV)	<i>Comoviridae</i>	<i>Nepovirus</i>
tobacco ringspot virus satellite		Satellite	
tobacco streak virus	(TSV)	<i>Bromoviridae</i>	<i>Illarvirus</i>
tobacco stunt virus	(TStV)	Unassigned	
tobacco vein banding mosaic virus	(TVBMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
tobacco vein distorting virus	(TVDV)		[ <i>Luteovirus</i> ]
tobacco vein mottling virus	(TVMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
tobacco wilt virus	(TWV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
tobacco yellow dwarf virus	(TYDV)	<i>Geminiviridae</i>	"Subgroup I Geminivirus"
tobacco yellow net virus	(TYNV)		[ <i>Luteovirus</i> ]
tobacco yellow vein assistor virus	(TYVAV)		[ <i>Luteovirus</i> ]
tobacco yellow vein virus	(TYVV)		[ <i>Umbravirus</i> ]
tomato apical stunt viroid	(TASVd)	Viroid	
tomato aspermy virus	(TAV)	<i>Bromoviridae</i>	<i>Cucumovirus</i>
tomato black ring virus	(TBRV)	<i>Comoviridae</i>	<i>Nepovirus</i>
tomato black ring virus satellite		Satellite	
tomato bunchy top viroid	(TBTVd)	Viroid	
tomato bushy stunt virus	(TBSV)	<i>Tombusviridae</i>	<i>Tombusvirus</i>
tomato bushy stunt virus satellite		Satellite	
tomato golden mosaic virus	(TGMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato leaf crumple virus	(TLCrV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato leaf curl virus-Au	(ToLCV-Au)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato leaf curl virus-In	(ToLCV-In)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato leafroll virus	(TLRV)	<i>Geminiviridae</i>	["Subgroup II Geminivirus"]
tomato mosaic virus	(ToMV)		<i>Tobamovirus</i>
tomato mottle virus	(ToMoV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato planta macho viroid	(TPMVd)	Viroid	
tomato pseudo-curly top virus	(TPCTV)	<i>Geminiviridae</i>	["Subgroup II Geminivirus"]
tomato ringspot virus	(ToRSV)	<i>Comoviridae</i>	<i>Nepovirus</i>

tomato spotted wilt virus	(TSWV)	<i>Bunyaviridae</i>	<i>Tospovirus</i>
tomato top necrosis virus	(ToTNV)	<i>Comoviridae</i>	[ <i>Nepovirus</i> ]
tomato yellow dwarf virus	(ToYDV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato yellow leaf curl virus-Is	(TYLCV-Is)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato yellow leaf curl virus-Sr	(TYLCV-Sr)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato yellow leaf curl virus-Th	(TYLCV-Th)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato yellow leaf curl virus-Ye	(TYLCV-Ye)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato yellow mosaic virus	(ToYMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
tomato yellow top virus	(ToYTV)		<i>Luteovirus</i>
Tongan vanilla virus	(TVV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Tradescantia/Zebrina virus	(TZV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Trichosanthes mottle virus	(TrMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Triticum aestivum chlorotic spot virus	(TACSV)	<i>Rhabdoviridae</i>	
Tropaeolum virus 1	(TV-1)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Tropaeolum virus 2	(TV-2)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Tulare apple mosaic virus	(TAMV)	<i>Bromoviridae</i>	<i>Ilarvirus</i>
tulip band breaking virus (lily mottle virus)	(TBBV)	<i>Potyviridae</i>	<i>Potyvirus</i>
tulip breaking virus	(TBV)	<i>Potyviridae</i>	<i>Potyvirus</i>
tulip chlorotic blotch virus	(TCBV)	<i>Potyviridae</i>	<i>Potyvirus</i>
tulip virus X	(TVX)		<i>Potexvirus</i>
turnip crinkle virus	(TCV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
turnip crinkle virus satellite		Satellite	
turnip mosaic virus (tulip top breaking virus)	(TuMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
turnip rosette virus	(TRoV)		<i>Sobemovirus</i>
turnip yellow mosaic virus	(TYMV)		<i>Tymovirus</i>
Ullucus mild mottle virus	(UMMV)		<i>Tobamovirus</i>
Ullucus mosaic virus	(UMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
Ullucus virus C	(UVC)	<i>Comoviridae</i>	<i>Comovirus</i>
Vallota mosaic virus	(ValMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
vanilla mosaic virus	(VanMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
velvet tobacco mottle virus	(VTMoV)		<i>Sobemovirus</i>
velvet tobacco mottle virus satellite		Satellite	
Vicia cryptic virus	(VCV)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
Vigna sinensis mosaic virus	(VSMV)	<i>Rhabdoviridae</i>	
viola mottle virus	(VMV)		<i>Potexvirus</i>
Voandzeia necrotic mosaic virus	(VNMV)		<i>Tymovirus</i>
watermelon chlorotic stunt virus	(WmCSV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
watermelon curly mottle virus	(WmCMV)	<i>Geminiviridae</i>	"Subgroup III Geminivirus"
watermelon mosaic virus 2 (vanilla necrosis virus)	(WMV-2)	<i>Potyviridae</i>	<i>Potyvirus</i>
Weddel water-borne virus	(WWBV)	<i>Tombusviridae</i>	<i>Carmovirus</i>
wheat American striate mosaic virus	(WASMV)	<i>Rhabdoviridae</i>	<i>Cytorhabdovirus</i>
wheat chlorotic streak virus	(WCSV)	<i>Rhabdoviridae</i>	
wheat dwarf virus	(WDV)	<i>Geminiviridae</i>	"Subgroup I Geminivirus"
wheat rosette stunt virus	(WRSV)	<i>Rhabdoviridae</i>	
wheat spindle streak mosaic virus (wheat yellow mosaic virus)	(WSSMV)	<i>Potyviridae</i>	<i>Bymovirus</i>
wheat streak mosaic virus	(WSMV)	<i>Potyviridae</i>	<i>Rymovirus</i>
wheat yellow leaf virus	(WYLV)		<i>Closterovirus</i>
white bryony mosaic virus	(WBMV)		[ <i>Carlavirus</i> ]
white bryony virus	(WBV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]

white clover cryptic virus 1	(WCCV-1)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
white clover cryptic virus 2	(WCCV-2)	<i>Partitiviridae</i>	<i>Betacryptovirus</i>
white clover cryptic virus 3	(WCCV-3)	<i>Partitiviridae</i>	<i>Alphacryptovirus</i>
white clover mosaic virus	(WCIMV)		<i>Potexvirus</i>
wild cucumber mosaic virus	(WCMV)		<i>Tymovirus</i>
wild potato mosaic virus	(WPMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
wineberry latent virus	(WLV)		[ <i>Potexvirus</i> ]
winter wheat mosaic virus	(WWMV)		[ <i>Tenuivirus</i> ]
winter wheat Russian mosaic virus	(WWRMV)	<i>Rhabdoviridae</i>	
wissadula mosaic virus	(WiMV)	<i>Geminiviridae</i>	["Subgroup III Geminivirus"]
Wisteria vein mosaic virus	(WVMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
wound tumor virus	(WTV)	<i>Reoviridae</i>	<i>Phytoreovirus</i>
yam mosaic virus ( <i>Dioscorea</i> green banding virus)	(YMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
yucca bacilliform virus	(YBV)		[ <i>Badnavirus</i> ]
<i>Zea mays</i> virus	( <i>Zea</i> MV)	<i>Rhabdoviridae</i>	
<i>Zoysia</i> mosaic virus	(ZMV)	<i>Potyviridae</i>	[ <i>Potyvirus</i> ]
zucchini yellow fleck virus	(ZYFV)	<i>Potyviridae</i>	<i>Potyvirus</i>
zucchini yellow mosaic virus	(ZYMV)	<i>Potyviridae</i>	<i>Potyvirus</i>
<i>Zygocactus</i> virus	(ZV)		[ <i>Potexvirus</i> ]

### References

1. Hull R, Milne RG, van Regenmortel MHV (1991) A list of proposed standard acronyms for plant viruses and viroids. *Arch Virol* 120: 151–164
2. Murphy FA, Fauquet CM, Bishop DHL, Ghabrial SA, Jarvis AW, Martelli GP, Mayo MA, Summers MD (eds) (1995) *Virus Taxonomy. Classification and Nomenclature of Viruses. Sixth Report of the International Committee on Taxonomy of Viruses.* Springer, Wien New York (*Arch Virol* [Suppl] 10)