

# ICTV 8<sup>th</sup> Report

Fauquet, C., Mayo, M.A., Maniloff, J., Desselberger, U. and Ball, L.A., Eds. (2005). Virus taxonomy: Eighth Report of the International Committee on Taxonomy of Viruses. Elsevier Academic Press.

This file lists the changes introduced by the 8<sup>th</sup> Report. Some of these are highlighted in the Report (showing some species that were awaiting formal approval) but some other changes are not otherwise documented. The relevant page references are given.

## 1. Change to family assignment

The genus Anellovirus was removed from the family Circoviridae and presented as an unassigned genus (p335).

## 2. Change to genus assignment

The following species were re-assigned:

Species	Previous genus	New genus	Ref
Bacillus phage phiNS11	Tectivirus	Unassigned Tectiviridae	p85
Canine minute virus	Parvovirus	Bocavirus	p364
Caenorhabditis elegans Cer1 virus	Errantivirus	Metavirus	p414
Potato virus T	Trichovirus	Unassigned Flexiviridae	p1119

## 3. Species that were abolished (i.e. disappeared as fully-recognised members of their genus; the reference is to the genus list lacking these species or showing them only as tentative members of the genus)

Family	Genus	Species	Ref
Lipothrixviridae	Alphalipothrixvirus	Thermoproteus virus 2	p100
<del>Poxviridae</del>	<del>Unassigned</del>	<del>Melanoplus sanguinipes entomopoxvirus 'O'</del>	<del>p132</del>
Geminiviridae	Mastrevirus	Bromus striate mosaic virus	p305
Geminiviridae	Mastrevirus	Digitaria striate mosaic virus	p305
Geminiviridae	Mastrevirus	Paspalum striate mosaic virus	p305
Geminiviridae	Begomovirus	Eupatorium leaf curl virus	p315
Geminiviridae	Begomovirus	Rhynchosia mosaic virus	p317
Geminiviridae	Begomovirus	Solanum tomato leaf curl virus	p317
Geminiviridae	Begomovirus	Tobacco leaf curl virus	p318
Geminiviridae	Begomovirus	Sinaloa tomato leaf curl virus	p323
Parvoviridae	Parvovirus	Feline parvovirus	p359
Caulimoviridae	Badnavirus	Pineapple bacilliform virus	p393
Birnaviridae	Unassigned	Blotched snakehead virus	p567
Tombusviridae	Carmovirus	Pea stem necrosis virus*	p926
Flaviviridae	Unassigned	GB virus A	p996
Flaviviridae	Unassigned	GB virus B	p996
Flaviviridae	Unassigned	GB virus C/Hepatitis G virus	p997
Tymoviridae	Unassigned	Poinsettia mosaic virus <sup>†</sup>	p1074
Closteroviridae	Unassigned	Alligatorweed stunting virus	p1085
Closteroviridae	Unassigned	Grapevine leafroll-associated virus 7	p1085
Closteroviridae	Unassigned	Little cherry virus 1	p1085
Closteroviridae	Unassigned	Megakepasma mosaic virus	p1085
Closteroviridae	Unassigned	Olive leaf yellowing-associated virus	p1085

\* this is a mistake that was only corrected by proposal 2007.121P, ratified in 2008

<sup>†</sup> wrongly listed as if not a species. Omitted from MSL until 2012



#### 4. Species names that disappeared by merging

Family	Genus	Old species	Now assigned to species	Ref
Geminiviridae	Begomovirus	Tomato yellow leaf curl virus-Israel	Tomato yellow leaf curl virus	p321
Geminiviridae	Begomovirus	Tomato yellow leaf curl Gezira virus	Tomato yellow leaf curl virus	p322
Parvoviridae	Dependovirus	Adeno-associated virus 6	Adeno-associated virus-1	p362
Retroviridae	Lentivirus	Feline immunodeficiency virus (Oma)	Feline immunodeficiency virus	p435
Myoviridae	P1-like viruses	Enterobacteria phage P1D	Enterobacteria phage P1	p48
Bunyaviridae	Nairovirus	Nairobi sheep disease virus	Dugbe virus	p708
Podoviridae	phi29-like viruses	Bacillus phage GA-1	Bacillus phage phi29	p76
Comoviridae	Fabavirus	Patchouli mild mosaic virus	Broad bean wilt virus 2	p813
Potyviridae	Potyvirus	Tamarillo mosaic virus	Potato virus A	p826
Bromoviridae	Iarvirus	Hydrangea mosaic virus	Elm mottle virus	p1056

#### 5. Species that were re-named

Family	Genus	Old name	New name	Ref
Myoviridae	T4-like viruses	Aeromonas phage 44RR2.8t	Aeromonas phage 40RR2.8t	p46
Siphoviridae	T5-like viruses	Vibrio phage phi149 (type IV)	Vibrio phage 149 (type IV)	p61
Podoviridae	T7-like viruses	Pseudomonas phage gh-1	Pseudomonad phage gh-1	p73
Corticoviridae	Corticovirus	Alteromonas phage PM2	Pseudoalteromonas phage PM2	p89
Lipothrixviridae	Alphalipothrixvirus	Thermoproteus virus 1	Thermoproteus tenax virus 1	p98
Rudiviridae	Rudivirus	Sulfolobus virus SIRV-1	Sulfolobus islandicus rod-shaped virus 1	p105
Rudiviridae	Rudivirus	Sulfolobus virus SIRV-2	Sulfolobus islandicus rod-shaped virus 2	p105
Fuselloviridae	Fusellovirus	Sulfolobus virus 1	Sulfolobus spindle-shaped virus 1	p109
Guttaviridae	Guttavirus	Sulfolobus virus SNDV	Sulfolobus newzealandicus droplet-shaped virus	p116
Baculoviridae	Nucleopolyhedrovirus	Agrotis epsilon nucleopolyhedrovirus	Agrotis epsilon multiple nucleopolyhedrovirus	p181
Baculoviridae	Nucleopolyhedrovirus	Choristoneura fumiferana DEF nucleopolyhedrovirus	Choristoneura fumiferana DEF multiple nucleopolyhedrovirus	p182
Polyomaviridae	Polyomavirus	Budgerigar fledgling polyomavirus	Budgerigar fledgling disease polyomavirus	p237
Papillomaviridae	Alphapapillomavirus	Rhesus monkey papillomavirus	Rhesus monkey papillomavirus 1	p245
Papillomaviridae	Lambdapapillomavirus	Feline domestic papillomavirus	Feline papillomavirus	p250
Microviridae	Microvirus	Enterobacteria phage phiX 174	Enterobacteria phage phiX174	p295
Microviridae	Chlamydiamicrovirus	Guinea pig chlamydia phage CPG1	Guinea pig Chlamydia phage	p296
Microviridae	Bdellovibrio	Bdellovibrio phage MH2K	Bdellovibrio phage phiMH2K	p297
Geminiviridae	Begomovirus	Bean golden mosaic virus-Puerto Rico	Bean golden yellow mosaic virus	p313
Geminiviridae	Begomovirus	Bean golden mosaic virus-Brazil	Bean golden mosaic virus	p313
Geminiviridae	Begomovirus	Chayote mosaic virus	Chayote yellow mosaic virus	p313
Geminiviridae	Begomovirus	Ipomea yellow vein virus	Ipomea yellow vein virus	p315
Geminiviridae	Begomovirus	Papaya leaf curl Guangdong virus	Papaya leaf curl Guangdong virus	p317
Geminiviridae	Begomovirus	Pepper huasteco virus	Pepper huasteco yellow vein virus	p317
Geminiviridae	Begomovirus	Serrano golden mosaic virus	Pepper golden mosaic virus	p317
Geminiviridae	Begomovirus	Squash leaf curl virus-China	Squash leaf curl China virus	p318
Geminiviridae	Begomovirus	Squash yellow mottle virus	Squash yellow mild mottle virus	p318

<b>Family</b>	<b>Genus</b>	<b>Old name</b>	<b>New name</b>	<b>Ref</b>
Geminiviridae	Begomovirus	Tomato leaf curl virus-Bangalore I	Tomato leaf curl Bangalore virus	p319
Geminiviridae	Begomovirus	Tomato leaf curl virus-New Delhi	Tomato leaf curl New Delhi virus	p319
Geminiviridae	Begomovirus	Taino tomato mottle virus	Tomato mottle Taino virus	p320
Geminiviridae	Begomovirus	Tomato leaf curl virus-Australia	Tomato leaf curl virus	p320
Geminiviridae	Begomovirus	Tomato leaf curl virus-Taiwan	Tomato leaf curl Taiwan virus	p320
Geminiviridae	Begomovirus	Tomato yellow leaf curl virus-China	Tomato yellow leaf curl China virus	p321
Geminiviridae	Begomovirus	Tomato yellow leaf curl virus-Sardinia	Tomato yellow leaf curl Sardinia virus	p321
Geminiviridae	Begomovirus	Tomato yellow leaf curl virus-Thailand	Tomato yellow leaf curl Thailand virus	p321
Circoviridae	Circovirus	Porcine circovirus 1	Porcine circovirus-1	p330
Circoviridae	Circovirus	Porcine circovirus 2	Porcine circovirus-2	p330
Parvoviridae	Parvovirus	Mice minute virus	Minute virus of mice	p359
Parvoviridae	Parvovirus	H-1 virus	H-1 parvovirus	p359
Parvoviridae	Parvovirus	HB virus	HB parvovirus	p359
Parvoviridae	Erythrovirus	B19 virus	Human parvovirus B19	p361
Parvoviridae	Dependovirus	Adeno-associated virus 2	Adeno-associated virus-2	p362
Parvoviridae	Dependovirus	Adeno-associated virus 1	Adeno-associated virus-1	p362
Parvoviridae	Dependovirus	Adeno-associated virus 3	Adeno-associated virus-3	p362
Parvoviridae	Dependovirus	Adeno-associated virus 4	Adeno-associated virus-4	p362
Parvoviridae	Dependovirus	Adeno-associated virus 5	Adeno-associated virus-5	p362
Parvoviridae	Dependovirus	Muscovy duck parvovirus	Duck parvovirus	p362
Hepadnaviridae	Orthohepadnavirus	Ground squirrel hepatitis B virus	Ground squirrel hepatitis virus	p381
Hepadnaviridae	Orthohepadnavirus	Woodchuck hepatitis B virus	Woodchuck hepatitis virus	p381
Caulimoviridae	Badnavirus	Gooseberry vein banding-associated virus	Gooseberry vein banding associated virus	p393
Retroviridae	Betaretrovirus	Ovine pulmonary adenocarcinoma virus	Jaagsiekte sheep retrovirus	p428
Retroviridae	Gammaretrovirus	Guinea pig type C oncovirus	Guinea pig type-C oncovirus	p430
Retroviridae	Gammaretrovirus	Porcine type C oncovirus	Porcine type-C oncovirus	p430
Totiviridae	Totivirus	Saccharomyces cerevisiae virus L-A	Saccharomyces cerevisiae virus L-A (L1)	p575
Totiviridae	Totivirus	Saccharomyces cerevisiae virus L-BC	Saccharomyces cerevisiae virus L-BC (La)	p575
Partitiviridae	Partitivirus	Fusarium poae virus	Fusarium poae virus 1	p584
Partitiviridae	Partitivirus	Rhizoctonia solani virus	Rhizoctonia solani virus 717	p584
Rhabdoviridae	Novirhabdovirus	Snakehead rhabdovirus	Snakehead virus	p636
Filoviridae	Ebolavirus	Ivory Coast ebolavirus	Cote d'Ivoire ebolavirus	p651
Paramyxoviridae	Metapneumovirus	Turkey rhinotracheitis virus	Avian metapneumovirus	p666
Arenaviridae	Arenavirus	Allpahuayo virus	Allpahuayo virus	p730
Dicistroviridae	Cripavirus	Black-queen cell virus	Black queen cell virus	p785
Astroviridae	Avastrovirus	Avian nephritis virus	Chicken astrovirus	p861
Tombusviridae	Carmovirus	Ahlum water-borne virus	Ahlum waterborne virus	p925
Tombusviridae	Carmovirus	Japanese iris necrotic ring spot virus	Japanese iris necrotic ring virus	p926
Arteriviridae	Arterivirus	Porcine respiratory and reproductive syndrome virus	Porcine reproductive and respiratory syndrome virus	p972
Togaviridae	Alphavirus	Ag80-663 virus	Rio Negro virus	p1005
Flexiviridae	Carlavirus	Sint-Jem's onion latent virus	Sint-Jan's onion latent virus	p1104

## 6. New species that are listed

Family	Subfamily	Genus	Species	Ref
Myoviridae		T4-like viruses	Aeromonas phage 65	p46
Siphoviridae		c2-like viruses	Lactococcus phage bIL67	p63
Tectiviridae		Tectivirus	Bacillus phage Bam35	p84
Poxviridae	Entomopoxvirinae	Unassigned	Diachasmimorpha entomopoxvirus	p132
Baculoviridae		Nucleopolyhedrovirus	Adoxophyes honmai nucleopolyhedrovirus	p181
Baculoviridae		Nucleopolyhedrovirus	Ecotropis obliqua nucleopolyhedrovirus	p182
Baculoviridae		Nucleopolyhedrovirus	Spodoptera litura nucleopolyhedrovirus	p182
Baculoviridae		Nucleopolyhedrovirus	Mamestra configurata nucleopolyhedrovirus A	p182
Baculoviridae		Nucleopolyhedrovirus	Mamestra configurata nucleopolyhedrovirus B	p182
Baculoviridae		Granulovirus	Phthorimaea operculella granulovirus	p183
Herpesviridae	Alphaherpesvirinae	Unassigned	Psittacid herpesvirus 1	p202
Herpesviridae	Betaherpesvirinae	Unassigned	Caviid herpesvirus 2	p205
Herpesviridae	Gammaherpesvirinae	Unassigned	Callitrichine herpesvirus 1	p207
Polyomaviridae		Polyomavirus	Human polyomavirus	p237
Papillomaviridae		Betapapillomavirus	Human papillomavirus cand96	p246
Inoviridae		Inovirus	Enterobacteria phage AE2	p283
Inoviridae		Inovirus	Enterobacteria phage dA	p283
Inoviridae		Inovirus	Enterobacteria phage Ec9	p283
Inoviridae		Inovirus	Enterobacteria phage f1	p283
Inoviridae		Inovirus	Enterobacteria phage fd	p283
Inoviridae		Inovirus	Enterobacteria phage HR	p283
Inoviridae		Inovirus	Enterobacteria phage ZJ/2	p284
Geminiviridae		Begomovirus	Dolichos yellow mosaic virus	p314
Geminiviridae		Begomovirus	Euphorbia leaf curl virus	p315
Geminiviridae		Begomovirus	Luffa yellow mosaic virus	p315
Geminiviridae		Begomovirus	Squash leaf curl Philippines virus	p318
Geminiviridae		Begomovirus	Sweet potato leaf curl Georgia virus	p318
Geminiviridae		Begomovirus	Tobacco leaf curl Zimbabwe virus	p319
Geminiviridae		Begomovirus	Tomato chino La Paz virus	p319
Geminiviridae		Begomovirus	Tomato leaf curl Indonesia virus	p319
Geminiviridae		Begomovirus	Tomato leaf curl Iran virus	p319
Geminiviridae		Begomovirus	Tomato leaf curl Sudan virus	p320
Geminiviridae		Begomovirus	Tomato yellow leaf curl Kanchanaburi virus	p321
Geminiviridae		Begomovirus	Tomato yellow leaf curl Malaga virus	p321
Circoviridae		Circovirus	Pigeon circovirus	p330
Nanoviridae		Unassigned	Coconut foliar decay virus	p350
Hepadnaviridae		Orthohepadnavirus	Woolly monkey hepatitis B virus	p381
Caulimoviridae		Cavemovirus	Tobacco vein clearing virus	p391
Caulimoviridae		Badnavirus	Taro bacilliform virus	p393
Caulimoviridae		Badnavirus	Banana streak GF virus*	p393
Caulimoviridae		Badnavirus	Banana streak Mysore virus*	p393
Caulimoviridae		Badnavirus	Banana streak OL virus*	p393
Caulimoviridae		Badnavirus	Sugarcane bacilliform IM virus†	p393
Caulimoviridae		Badnavirus	Sugarcane bacilliform Mor virus†	p393
Metaviridae		Metavirus	Arabidopsis thaliana Athila virus	p413
Metaviridae		Metavirus	Arabidopsis thaliana Tat4 virus	p413
Metaviridae		Metavirus	Dictyostelium discoideum Skipper virus	p414
Metaviridae		Metavirus	Drosophila buzzatii Osvaldo virus	p414
Metaviridae		Metavirus	Drosophila melanogaster Blastopia virus	p414
Metaviridae		Metavirus	Drosophila melanogaster Mdg3 virus	p414
Metaviridae		Metavirus	Fusarium oxysporum Skippy virus	p414

<b>Family</b>	<b>Subfamily</b>	<b>Genus</b>	<b>Species</b>	<b>Ref</b>
Metaviridae		Metavirus	Takifugu rubripes Sushi virus	p414
Metaviridae		Errantivirus	Ceratitis capitata Yoyo virus	p416
Metaviridae		Errantivirus	Drosophila melanogaster Idefix virus	p416
Metaviridae		Errantivirus	Drosophila melanogaster Tirant virus	p416
Metaviridae		Errantivirus	Drosophila melanogaster Zam virus	p416
Metaviridae		Errantivirus	Drosophila virilis Tv1 virus	p416
Retroviridae	Spumaretrovirinae	Spumavirus	African green monkey simian foamy virus	p438
Retroviridae	Spumaretrovirinae	Spumavirus	Equine foamy virus	p438
Retroviridae	Spumaretrovirinae	Spumavirus	Macaque simian foamy virus	p438
Reoviridae		Orbivirus	St Croix River virus	p480
Reoviridae		Cypovirus	Cypovirus 16	p531
Reoviridae		Mycoreovirus	Mycoreovirus 2	p559
Birnaviridae		Aquabirnavirus	Tellina virus	p566
Partitiviridae		Partitivirus	Discula destructiva virus 1	p584
Partitiviridae		Partitivirus	Discula destructiva virus 2	p584
Partitiviridae		Partitivirus	Gremmeniella abietina RNA virus MS1	p584
Partitiviridae		Partitivirus	Helicobasidium mompa virus	p584
Partitiviridae		Partitivirus	Heterobasidion annosum virus	p584
Paramyxoviridae	Pneumovirinae	Metapneumovirus	Human metapneumovirus	p666
Bunyaviridae		Orthobunyavirus	Kaeng Khoi virus	p702
Comoviridae		Nepovirus	Apricot latent ringspot virus	p816
Potyviridae		Potyvirus	Apium virus Y	p822
Potyviridae		Potyvirus	Hibbertia virus Y	p824
Potyviridae		Potyvirus	Sweet potato virus G	p826
Potyviridae		Potyvirus	Tulip mosaic virus	p827
Potyviridae		Potyvirus	Watermelon leaf mottle virus	p827
Potyviridae		Potyvirus	Yam mild mosaic virus	p827
Potyviridae		Potyvirus	Zantedeschia mosaic virus	p827
Astroviridae		Mamastrovirus	Mink astrovirus	p862
Unassigned		Sobemovirus	Ryegrass mottle virus	p887
Unassigned		Sobemovirus	Sesbania mosaic virus	p888
Luteoviridae		Unassigned	Tobacco vein distorting virus	p898
Tombusviridae		Tombusvirus	Pear latent virus	p917
Tombusviridae		Aureusvirus	Cucumber leaf spot virus	p920
Coronaviridae		Coronavirus	Human enteric coronavirus	p955
Coronaviridae		Coronavirus	Pheasant coronavirus	p955
Coronaviridae		Coronavirus	Puffinosis coronavirus	p955
Togaviridae		Alphavirus	Mosso das Pedras virus	p1005
Togaviridae		Alphavirus	Southern elephant seal virus	p1005
Togaviridae		Alphavirus	Tonate virus	p1005
Unassigned		Tobamovirus	Obuda pepper virus	p1011
Closteroviridae		Ampelovirus	Grapevine leafroll-associated virus 5	p1083
Closteroviridae		Crinivirus	Beet pseudoyellows virus	p1085
Flexiviridae		Potexvirus	Alternanthera mosaic virus	p1093
Flexiviridae		Potexvirus	Scallion virus X	p1094
Flexiviridae		Allexivirus	Garlic virus E	p1100
Flexiviridae		Unassigned	Banana mild mosaic virus	p1119
Flexiviridae		Unassigned	Cherry green ring mottle virus	p1119
Flexiviridae		Unassigned	Cherry necrotic rusty mottle virus	p1119
Flexiviridae		Unassigned	Citrus leaf blotch virus	p1119
Flexiviridae		Unassigned	Sugarcane striate mosaic-associated virus	p1119

\* by splitting Banana streak virus

† by splitting Sugarcane bacilliform virus