

Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2008)

E. B. Carstens · L. A. Ball

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Abstract In accordance with the Statutes of the International Committee of Taxonomy of Viruses (ICTV), the final stage in the process of making changes to the Universal Scheme of Virus Classification is the ratification of taxonomic proposals by ICTV Members. This can occur either at a Plenary meeting of ICTV, held during an International Congress of Virology meeting, or by circulation of proposals by mail followed by a ballot. Therefore, a list of proposals that had been subjected to the full, multi-stage review process was prepared and presented on the ICTVonline web pages in March 2008. This review process involved input from the ICTV Study Groups and Subcommittees, other interested virologists, and the ICTV Executive Committee. For the first time, the ratification process was performed entirely by email. The proposals were sent electronically via email on 18 March 2008 to ICTV Life Members (11), ICTV Subcommittee Members (74), and ICTV National Representatives (53).

Introduction

In accordance with the Statutes of the International Committee on Taxonomy of Viruses (ICTV), the final stage in

the process of making changes to the Universal Scheme of Virus Classification is the ratification of taxonomic proposals by ICTV members. This can occur either at a plenary meeting of ICTV, held during an International Congress of Virology meeting, or by circulation of proposals by mail, followed by a ballot. Therefore, a list of proposals that had been subjected to the full, multi-stage review process was prepared and presented on the ICTVonline web pages in March 2008. This review process involved input from the ICTV study groups and subcommittees, other interested virologists, and the ICTV Executive Committee. For the first time, the ratification process was performed entirely by email. The proposals were sent electronically via email on 18 March 2008, to ICTV Life Members (11), ICTV Subcommittee Members (74), and ICTV National Representatives (53). Members were then requested to vote on whether to ratify the taxonomic proposals, within a 1-month deadline.

International Committee on Taxonomy of Viruses attempts to keep an up-to-date list of all members, including National Representatives, but this is a daunting task. As a means of promoting contact between ICTV and its National Members and to ensure that lists of members are up to date, member societies of IUMS are obliged to either renew ICTV National Members or replace them every three years. In effect, National Members have a 3-year tenure that can be renewed indefinitely. National Societies, which are members of the International Union of Microbiological Societies, are encouraged to contact ICTV directly through the ICTV Secretary with the names of their National Representatives. Complete contact information can be obtained from the ICTV web site: <http://ictvonline.org>.

The following are the taxonomic proposals that were ratified by ICTV members in April 2008.

E. B. Carstens (✉)
Department of Microbiology and Immunology,
Queen's University, Kingston, ON K7L 3N6, Canada
e-mail: carstens@queensu.ca

L. A. Ball
Department of Microbiology, University of Alabama
at Birmingham, Birmingham, AL 35294, USA
e-mail: andyb@uab.edu

Vertebrate Virus Subcommittee

Adenoviruses

2005.223V.04 To create a species in the genus *Atadenovirus*, named *Snake adenovirus A*.

2005.224V.04 To create a species in the genus *Mastadenovirus*, named *Simian adenovirus A*.

Birnaviruses

2005.212V-215V.04 To create a new genus, *Blosnavirus*, in the family *Birnaviridae* with *Blotched snakehead virus* as the type species.

2005.216V-222V.04 To create a new family, *Picobirnaviridae*, to contain a new genus *Picobirnavirus*, with *Human picobirnavirus* as the type species, and *Rabbit picobirnavirus* as a designated species.

Bunyaviruses

2005.119V.04 To create a species in the genus *Hantavirus* in the family *Bunyaviridae*, named *Saaremaa virus*.

Circoviruses

2004.007V.04 To create a species in the genus *Circovirus* in the family *Circoviridae*, named *Duck circovirus*.

2007.081V.04 To create the following species in the genus *Circovirus*, in the family *Circoviridae* named *Finch circovirus*, *Gull circovirus*, *Starling circovirus*.

Coronaviruses

2005.260V.04 To create the following species in the genus *Coronavirus* in the family *Coronaviridae*, named *Goose coronavirus*, *Pigeon coronavirus*, *Duck coronavirus*.

2006.009V.04 To create a species in the genus *Coronavirus* in the family *Coronaviridae*, named *Human coronavirus NL63*.

2006.010V.04 To create a species in the genus *Coronavirus* in the family *Coronaviridae*, named *Human coronavirus HKU1*.

2006.011V.04 To create a species in the genus *Coronavirus* in the family *Coronaviridae*, named *Equine coronavirus*.

Herpesviruses

Summary

2005.020-72V.04 This large set of proposals from the *Herpesviridae* Study Group achieves a far-reaching update of herpesvirus taxonomy. It includes:

Establishment of the order *Herpesvirales*.

Assignment of the *Herpesviridae* and two new families to the order.

Transfer of genus *Ictalurivirus* to the new family *Alloherpesviridae*.

Population of the *Alloherpesviridae* with fish and amphibian viruses.

Establishment of a genus, *Ostreavirus*, in the new family *Malacoherpesviridae*.

Assignment of *Ostreid herpesvirus 1* to the genus *Ostreavirus*.

Creation of the new genera *Macavirus* and *Percavirus* in subfamily *Gammaherpesvirinae*.

Creation of a new genus, *Proboscivirus*, in subfamily *Betaherpesvirinae*.

Assignments of species to various genera in the family *Herpesviridae*.

Changing names of old world non-human primate viruses to refer to host genus.

Details

2005.020V.04 To remove the following species from the genus *Rhadinovirus* of the subfamily.

Gammaherpesvirinae in the family *Herpesviridae*: *Alcelaphine herpesvirus 1*, *Alcelaphine herpesvirus 2*, *Equid herpesvirus 2*, *Equid herpesvirus 5*, *Equid herpesvirus 7*, *Hippotragine herpesvirus 1*, *Mustelid herpesvirus 1*, *Ovine herpesvirus 2*. (These species are reassigned to new taxa below).

2005.021V.04 To remove the following unassigned viruses from the family *Herpesviridae*:

Acipenserid herpesvirus 1, Acipenserid herpesvirus 2, Anguillid herpesvirus 1, Cyprinid herpesvirus 1, Cyprinid herpesvirus 2, Esocid herpesvirus 1, Percid herpesvirus 1, Pleuronectid herpesvirus 1, Ranid herpesvirus 1, Ranid herpesvirus 2, Salmonid herpesvirus 1, Salmonid herpesvirus 2, Ostreid herpesvirus 1, Ateline herpesvirus 3, Columbidae herpesvirus 1, Elephantid herpesvirus 1, Suid herpesvirus 2.

(This is not strictly necessary as a taxonomic proposal because it concerns entities below the species level, but it is left in to clarify this reorganization of the *Herpesviridae*. These viruses are reassigned to new taxa below).

Order *Herpesvirales*

2005.022-023V.04 To create a new order in the dsDNA viruses, named *Herpesvirales*.

2005.024V.04 To designate the following family in the order *Herpesvirales*: *Herpesviridae*.

Family Alloherpesviridae

2005.025-026V.04 To create a new family in the order *Herpesvirales*, named *Alloherpesviridae*.

2005.027V.04 To designate the following genus in the family *Alloherpesviridae*: *Ictalurivirus*.

2005.028V.04 To designate the following unassigned viruses in the family *Alloherpesviridae*:

Acipenserid herpesvirus 1, Acipenserid herpesvirus 2, Anguillid herpesvirus 1, Cyprinid herpesvirus 1, Cyprinid herpesvirus 2, Esocid herpesvirus 1, Percid herpesvirus 1, Pleuronectid herpesvirus 1, Ranid herpesvirus 1, Ranid herpesvirus 2, Salmonid herpesvirus 1, Salmonid herpesvirus 2. (This is not strictly necessary as a taxonomic proposal because it concerns entities below the species level, but it is left in to clarify this reorganization of the *Herpesviridae*).

2005.029V.04 To create the following unassigned species in the family *Alloherpesviridae*:

Cyprinid herpesvirus 3.

Family Malacoherpesviridae

2005.030-031V.04 To create a new family in the order *Herpesvirales*, named *Malacoherpesviridae*.

2005.032-033V.04 To create a new genus in the family *Malacoherpesviridae*, named *Ostreavirus*.

2005.034-035V.04 To designate *Ostreid herpesvirus 1* the type species of the genus *Ostreavirus*.

Family Herpesviridae

2005.036-037V.04 To create a new genus in the subfamily *Gammaherpesvirinae* in the family *Herpesviridae*, named *Macavirus*.

2005.038V.04 To designate *Alcelaphine herpesvirus 1* as the type species of the genus *Macavirus*.

2005.039V.04 To designate the following species in the genus *Macavirus*: *Alcelaphine herpesvirus 1*, *Alcelaphine herpesvirus 2*, *Hippotragine herpesvirus 1*, *Ovine herpesvirus 2*.

2005.040V.04 To create the following species in the genus *Macavirus*: *Bovine herpesvirus 6*, *Caprine herpesvirus 2*.

2005.041V.04 To create the following species in the genus *Macavirus*: *Suid herpesvirus 3*.

2005.042V.04 To create the following species in the genus *Macavirus*: *Suid herpesvirus 4*.

2005.043V.04 To create the following species in the genus *Macavirus*: *Suid herpesvirus 5*.

2005.044-046V.04 To create a new genus in the subfamily *Gammaherpesvirinae* in the family *Herpesviridae*,

named *Percavirus*, and to designate the species *Equid herpesvirus 2* as the type species.

2005.047V.04 To designate the following species in the genus *Percavirus*: *Equid herpesvirus 2*, *Equid herpesvirus 5*, *Mustelid herpesvirus 1*.

2005.048V.04 To create the following unassigned species in the subfamily *Gammaherpesvirinae*: *Equid herpesvirus 7*.

2005.049-050V.04 To create a new genus in the subfamily *Betaherpesvirinae* in the family *Herpesviridae*, named *Proboscivirus*.

2005.051-052V.04 To designate the species *Elephantid herpesvirus 1* as the type species of the genus *Proboscivirus*.

2005.053V.04 To create the following species in the genus *Mardivirus* in the subfamily *Alphaherpesvirinae* in the family *Herpesviridae*: *Columbid herpesvirus 1*.

2005.054V.04 To designate the following species in the genus *Iltovirus* in the subfamily *Alphaherpesvirinae* in the family *Herpesviridae*: *Psittacid herpesvirus 1*.

2005.055V.04 To create the following species in the genus *Rhadinovirus* in the subfamily *Gammaherpesvirinae* in the family *Herpesviridae*: *Ateline herpesvirus 3*.

2005.056V.04 To create the following unassigned species in the subfamily *Betaherpesvirinae* in the family *Herpesviridae*: *Suid herpesvirus 2*.

2005.057-058V.04 To create the following unassigned species in the subfamily *Alphaherpesvirinae* in the family *Herpesviridae*: *Chelonid herpesvirus 5*, *Chelonid herpesvirus 6*.

2005.059V.04 To create the following unassigned species in the subfamily *Gammaherpesvirinae* in the family *Herpesviridae*: *Phocid herpesvirus 2*.

2005.060V.04 To create the following unassigned species in the family *Herpesviridae*: *Iguanid herpesvirus 2*.

Changes to species names and virus names

2005.061V.04 To rename *Cercopithecine herpesvirus 1* in the genus *Simplexvirus* in the family *Herpesviridae* as *Macacine herpesvirus 1*.

2005.062V.04 To rename *Cercopithecine herpesvirus 16* in the genus *Simplexvirus* in the family *Herpesviridae* as *Papiine herpesvirus 2*.

2005.063V.04 To rename *Cercopithecine herpesvirus 8* in the genus *Cytomegalovirus* in the family *Herpesviridae* as *Macacine herpesvirus 3*.

2005.064V.04 To rename *Pongine herpesvirus 4* in the genus *Cytomegalovirus* in the family *Herpesviridae* as *Panine herpesvirus 2*.

2005.065V.04 To rename *Cercopithecine herpesvirus 12* in the genus *Lymphocryptovirus* in the family *Herpesviridae* as *Papiine herpesvirus 1*.

2005.066V.04 To rename *Cercopithecine herpesvirus 15* in the genus *Lymphocryptovirus* in the family *Herpesviridae* as *Macacine herpesvirus 4*.

2005.067V.04 To rename *Pongine herpesvirus 1* in the genus *Lymphocryptovirus* in the family *Herpesviridae* as *Panine herpesvirus 1*.

2005.068V.04 To rename *Pongine herpesvirus 3* in the genus *Lymphocryptovirus* in the family *Herpesviridae* as *Gorilline herpesvirus 1*.

2005.069V.04 To rename *Cercopithecine herpesvirus 17* in the genus *Rhadinovirus* in the family *Herpesviridae* as *Macacine herpesvirus 5*.

2005.070V.04 To rename Cercopithecine herpesvirus 10, an unassigned virus in the family *Herpesviridae*: *Macacine herpesvirus 6*.

2005.071V.04 To rename Cercopithecine herpesvirus 13 an unassigned virus in the family *Herpesviridae*: *Macacine herpesvirus 7*.

(2005.070-071V are not strictly necessary as taxonomic proposals because they concern entities below the species level, but they are left in to clarify this reorganization of the *Herpesviridae*).

2005.072V.04 To rename *Callitrichine herpesvirus 1*, an unassigned species in the subfamily *Gammaherpesvirinae* in the family *Herpesviridae*: *Saguinine herpesvirus 1*.

Picornaviruses

2005.261V.04 To remove the following species from the existing genus *Enterovirus* in the family *Picornaviridae*: *Poliovirus*. (Note: Poliovirus hereby loses its status as a virus species).

2005.262V.04 To assign the following viruses to the species *Human enterovirus C* in the existing genus *Enterovirus* in the family *Picornaviridae*: Human poliovirus 1, Human poliovirus 2, Human poliovirus 3.

(This is not strictly necessary as a taxonomic proposal because it concerns entities below the species level, but it is left in to clarify this reorganization of the *Picornaviridae*).

2005.263V.04 To change the type species of the genus *Enterovirus* in the family *Picornaviridae*, from *Poliovirus* to *Human enterovirus C*.

2005.264V.04 To remove the following species from the existing genus *Rhinovirus* in the family *Picornaviridae*: *Human rhinovirus A*, *Human rhinovirus B*.

2005.265V.04 To assign the following species to the genus *Enterovirus* in the family *Picornaviridae*: *Human rhinovirus A*, *Human rhinovirus B*.

2005.266V.04 To remove the existing genus *Rhinovirus* from the family *Picornaviridae*. (Note: The genus *Rhinovirus* hereby disappears).

2005.200G.04-201G.04 To create an order to accommodate picornavirus-like viruses and to name the order *Picornavirales*.

2005.202G.04 To designate the following families and genera as members of the order created in 2005.200G, named *Picornaviridae*, *Dicistroviridae*, *Marnaviridae*, *Iflavirus*, *Sequiviridae*, *Sadwavirus*, *Cheravirus*, *Comoviridae*.

Poxviruses

2006.022-023V.04 To remove *Squirrel parapoxvirus* from the genus *Parapoxvirus* in the family *Poxviridae* and rename it *Squirrel poxvirus* as an unassigned species in the subfamily *Chordopoxvirinae* in the family *Poxviridae*.

2006.024-026V.04 To create the new genus *Cervidpoxvirus* in the subfamily *Chordopoxvirinae* in the family *Poxviridae* with *Deerpox virus W-848-83* as the type species.

Reoviruses

2005.225V-228V.04 To create the new genus *Mimoreovirus* within the family *Reoviridae* with *Micromonas pusilla reovirus* as the type species of the new genus.

2005.229V-232V.04 To create the new genus *Dinovernavirus* within the family *Reoviridae* with *Aedes pseudoscutellaris reovirus* as the type species of the new genus.

2005.242V-246V.04 To create the new genus *Cardoreovirus* within the family *Reoviridae* with *Eriocheir sinensis reovirus* as the type species of the new genus.

2007.137V.04 To create a species in the genus *Orbivirus* in the family *Reoviridae*, named *Yunnan orbivirus*.

2007.138V.04 To create a species in the genus *Aquareovirus* in the family *Reoviridae*, named *Aquareovirus G*.

Invertebrate Virus Subcommittee

Baculoviruses

2006.033I.04 To rename the existing genus *Granulovirus* in the family *Baculoviridae*: *Betabaculovirus*.

2006.034I.04 To remove from the family *Baculoviridae* the genus *Nucleopolyhedrovirus* and replace it with three genera.

2006.035I-036I.04 To create a new genus in the family *Baculoviridae* and to name it *Alphabaculovirus*.

2006.037I.04 To designate the following as the type species in the new genus created in 2006.035I: *Autographa californica multiple nucleopolyhedrovirus*.

2006.038I.04 To assign the following species in the new genus created in 2006.035I: *Adoxophyes honmai nucleopolyhedrovirus*, *Agrotis ipsilon nucleopolyhedrovirus*,

Anticarsia gemmatalis multiple nucleopolyhedrovirus, *Autographa californica* multiple nucleopolyhedrovirus, *Bombyx mori* nucleopolyhedrovirus, *Buzura suppressaria* nucleopolyhedrovirus, *Choristoneura fumiferana* DEF multiple nucleopolyhedrovirus, *Choristoneura fumiferana* multiple nucleopolyhedrovirus, *Choristoneura rosaceana* nucleopolyhedrovirus, *Ectropis obliqua* nucleopolyhedrovirus, *Epiphyas postvittana* nucleopolyhedrovirus, *Helicoverpa armigera* nucleopolyhedrovirus, *Helicoverpa zea* single nucleopolyhedrovirus, *Lymantria dispar* multiple nucleopolyhedrovirus, *Mamestra brassicae* multiple nucleopolyhedrovirus, *Mamestra configurata* nucleopolyhedrovirus A, *Mamestra configurata* nucleopolyhedrovirus B, *Orgyia pseudotsugata* multiple nucleopolyhedrovirus, *Spodoptera exigua* multiple nucleopolyhedrovirus, *Spodoptera frugiperda* multiple nucleopolyhedrovirus, *Spodoptera litura* nucleopolyhedrovirus, *Thysanoplusia orichalcea* nucleopolyhedrovirus, *Trichoplusia ni* single nucleopolyhedrovirus, *Wiseana signata* nucleopolyhedrovirus.

2006.040I-041I.04 To create a new genus in the family *Baculoviridae* and to name it *Gammabaculovirus*.

2006.042I.04 To designate as the type species in the new genus created in 2006.040I *Neodiprion lecontei* nucleopolyhedrovirus.

2006.043I.04 To assign the following species in the new genus created in 2006.040I: *Neodiprion lecontei* nucleopolyhedrovirus, *Neodiprion sertifer* nucleopolyhedrovirus.

2006.044I-045I.04 To create a new genus in the family *Baculoviridae* and to name it *Deltabaculovirus*.

2006.046I.04 To create the species *Culex nigripalpus* nucleopolyhedrovirus and designate it as the type species in the new genus created in 2006.044I.

2006.047I.04 To assign the following species in the new genus created in 2006.044I: *Culex nigripalpus* nucleopolyhedrovirus.

Dicistroviruses

2005.118I.04 To create the following unassigned species in the family *Dicistroviridae*: *Kashmir bee virus*, *Solenopsis invicta virus-1*.

Iflaviruses

2005.120I.04 To create the following species in the genus *Iflavirus*: *Deformed wing virus*, *Ectropis obliqua virus*, *Varroa destructor virus-1*.

2006.029I-030I.04 To create a new family to host the genus *Iflavirus* and to name it *Iflaviridae*.

2006.031I.04 To assign the genus *Iflavirus* to the new family created in 2006.030I.04

Nimaviruses

2007.084I.04 To rename the species *White spot syndrome virus 1* in the genus *Whispovirus* in the family *Nimaviridae* *White spot syndrome virus*.

Tetraviruses

2005.259I.04 To create a species in the genus *Omegatetravirus* in the family *Tetraviridae* named *Dendrolimus punctatus virus*.

Plant Virus Subcommittee

Bromoviruses

2004.008P-009P.04 To create a new genus of plant viruses with quasi-spherical particles 25–35 nm in diameter and a tripartite ssRNA genome in the family *Bromoviridae* and to name it *Anulavirus*.

2004.010P.04 To designate *Pelargonium zonate spot virus* as the type species of the genus *Anulavirus*.

2004.011P.04 To create a species in the genus *Anulavirus*, named: *Pelargonium zonate spot virus*.

Carmoviruses

2007.121P.04 To create two species in the genus *Carmovirus* in the family *Tombusviridae*, named *Angelonia flower break virus*, *Pea stem necrosis virus*.

Cheraviruses

2007.064P.04 To create a new species in the unassigned genus *Cheravirus*, named *Stocky prune virus*.

Closteroviruses

2006.002P.04 To create a species in the genus *Closterovirus* in the family *Closteroviridae*, named *Mint virus 1*.

2006.004P.04 To create an unassigned species in the family *Closteroviridae*, named *Mint vein banding-associated virus*.

2006.006P.04 To create a species in the genus *Crinivirus* in the family *Closteroviridae*, named *Strawberry pallidosis-associated virus*.

2007.004.04-005P.04 To create two species in the genus *Crinivirus* in the family *Closteroviridae*, named *Potato yellow vein virus*, *Blackberry yellow vein-associated virus*.

Comoviruses

2005.007P.04 To create two new species in the genus *Nepovirus* in the family *Comoviridae* named *Grapevine deformation virus*, *Grapevine Anatolian ringspot virus*.

2007.065P.04 To create a new species in the genus *Fabavirus* in the family *Comoviridae*, named *Gentian mosaic virus*.

Endornaviruses

2006.019P.04-020P.04 To create a new family to host the unassigned genus *Endornavirus* and to name it *Endornaviridae*.

Flexiviruses

2005.006P.04 To change the name of *Rupestris stem pitting-associated virus* to *Grapevine rupestris stem pitting-associated virus*, in the genus *Foveavirus* in the family *Flexiviridae*.

2005.008P.04 To create a new species in the genus *Trichovirus* in the family *Flexiviridae*, named *Apricot pseudo-chlorotic leaf spot virus*.

2005.009P.04 To create two new species in the genus *Carlavirus* in the family *Flexiviridae*, named: *Daphne virus S*, *Melon yellowing-associated virus*.

2007.030P.04 To create three species in the genus *Carlavirus*, named *Narcissus symptomless virus*, *Potato virus P*, *Sweet potato chlorotic fleck virus*.

2005.010P.04 To create three new species in the genus *Potexvirus* in the family *Flexiviridae*, named *Opuntia virus X*, *Schlumbergera virus X*, *Zygocactus virus X*.

2005.017P-018P.04 To create a new genus in the family *Flexiviridae* and to name it *Citrivirus*.

2005.019P.04 To name *Citrus leaf blotch virus* as type species of the new genus in the family *Flexiviridae* created in 2005.017P.

2006.003P.04 To remove the following from the list of approved species in the genus *Capillovirus* in the family *Flexiviridae*: *Lilac chlorotic leafspot virus*.

2006.007P.04 To create two species in the genus *Potexvirus* in the family *Flexiviridae*, named *Alstroemeria virus X*, *Mint virus X*.

2006.012P.04 To remove a species from the genus *Potexvirus* in the family *Flexiviridae*, named *Scallion virus X*.

Geminiviruses

2005.001P.04 To create a new species in the genus *Curtovirus* in the family *Geminiviridae*, named *Spinach curly top virus*.

2007.003P.04 To create a species in the genus *Curtovirus* in the family *Geminiviridae*, named *Pepper curly top virus*.

2005.002P.04 To create 24 new species in the genus *Begomovirus* in the family *Geminiviridae*, named *Ageratum leaf curl virus*, *Corchorus yellow vein Vietnam virus*, *Eupatorium yellow vein mosaic virus*, *Honeysuckle yellow vein Kagoshima virus*, *Horsegram yellow mosaic virus*, *Lindernia anagallis yellow vein virus*, *Malvastrum yellow vein Yunnan virus*, *Okra yellow mosaic Mexico virus*, *Pepper yellow vein Mali virus*, *Senecio yellow mosaic virus*, *Sida micrantha mosaic virus*, *Sida yellow mosaic China virus*, *Tomato leaf curl Guangdong virus*, *Tomato leaf curl Java virus*, *Tomato leaf curl Joydebpur virus*, *Tomato leaf curl Madagascar virus*, *Tomato leaf curl Mali virus*, *Tomato leaf curl Mayotte virus*, *Tomato mild yellow leaf curl Aragua virus*, *Tomato mosaic leaf curl virus*, *Tomato yellow leaf curl Axarquía virus*, *Tomato yellow leaf curl Guangdong virus*, *Tomato yellow leaf curl Mali virus*, *Tomato yellow margin leaf curl virus*.

2006.001P.04 To create eighteen new species in the genus *Begomovirus* in the family *Geminiviridae*, named *Alternanthera yellow vein virus*, *Cabbage leaf curl Jamaica virus*, *Cotton leaf curl Bangalore virus*, *East African cassava mosaic Kenya virus*, *Ludwigia yellow vein virus*, *Malvastrum leaf curl Guangdong virus*, *Malvastrum leaf curl virus*, *Malvastrum yellow mosaic virus*, *Okra yellow mottle Iguala virus*, *Rhynchosia golden mosaic Sinaloa virus*, *Sida leaf curl virus*, *Siegesbeckia yellow vein virus*, *Siegesbeckia yellow vein Guangxi virus*, *Tobacco leaf curl Cuba virus*, *Tomato leaf curl Guangxi virus*, *Tomato leaf curl Uganda virus*, *Tomato yellow spot virus*, *Vernonia yellow vein virus*.

2007.001P.04 To create 43 species in the genus *Begomovirus* in the family *Geminiviridae*, named *Ageratum yellow vein Hualian virus*, *Bitter gourd yellow vein virus*, *Boerhavia yellow spot virus*, *Clerodendron golden mosaic virus*, *Corchorus golden mosaic virus*, *Corchorus yellow spot virus*, *Desmodium leaf distortion virus*, *Dicliptera yellow mottle Cuba virus*, *Erectites yellow mosaic virus*, *Euphorbia leaf curl Guangxi virus*, *Euphorbia mosaic virus*, *Kudzu mosaic virus*, *Ludwigia yellow vein Vietnam virus*, *Malvastrum yellow leaf curl virus*, *Mesta yellow vein mosaic virus*, *Mimosa yellow leaf curl virus*, *Okra yellow crinkle virus*, *Pedilanthus leaf curl virus*, *Pepper leaf curl Lahore virus*, *Pepper leaf curl Pakistan virus*, *Pepper yellow leaf curl Indonesia virus*, *Pumpkin yellow mosaic virus*, *Radish leaf curl virus*, *Sida yellow mosaic Yucatan virus*, *Sida yellow vein Madurai virus*, *Sida yellow vein Vietnam virus*, *Soybean blistering mosaic virus*, *Spilanthes yellow vein virus*, *Sweet potato leaf curl Canary virus*, *Sweet potato leaf curl China virus*, *Sweet potato leaf curl Lanzarote virus*, *Sweet potato leaf curl Spain virus*, *Tomato*

leaf curl Arusha virus, *Tomato leaf curl Comoros virus*, *Tomato leaf curl Hsinchu virus*, *Tomato leaf curl Kerala virus*, *Tomato leaf curl Pakistan virus*, *Tomato leaf curl Pune virus*, *Tomato leaf curl Seychelles virus*, *Tomato leaf curl Sinaloa virus*, *Tomato yellow leaf curl Indonesia virus*, *Tomato yellow leaf curl Vietnam virus*, *Tomato yellow vein streak virus*.

2007.002P.04 To remove the following six species from the genus *Begomovirus* in the family *Geminiviridae*: *Ageratum yellow vein China virus*, *Ageratum yellow vein Taiwan virus*, *Cotton leaf curl Rajasthan virus*, *Potato yellow mosaic Trinidad virus*, *Tobacco leaf curl Kochi virus*, *Tomato leaf curl Iran virus*.

Ipomoviruses

2007.072P.04 To create a species in the genus *Ipomovirus*, named *Squash vein yellowing virus*.

Luteoviruses

2005.014P.04 To create a new species in the genus *Polerovirus* in the family *Luteoviridae*, named *Carrot red leaf virus*.

2005.016P.04 To remove an unassigned species from the family *Luteoviridae*, named *Strawberry mild yellow edge-associated virus*.

Macluraviruses

2007.071P.04 To create three species in the genus *Macluravirus*, named *Alpinia mosaic virus*, *Chinese yam necrotic mosaic virus*, *Ranunculus latent virus*.

Marafiviruses

2005.122P.04 To create a new species in the genus *Marafivirus* in the family *Tymoviridae*, named *Citrus sudden death-associated virus*.

Ophioviruses

2005.233-235P.04 To create a new family to host the unassigned genus *Ophiovirus* and to name it *Ophioviridae*.

Polemoviruses

2005.249-252P.04 To create a new unassigned genus named *Polemovirus* to accommodate the new species *Poinsettia latent virus*, formerly known as *Poinsettia crytic virus*, which was previously a tentative species in the genus *Alphacryptovirus* in the family *Partitiviridae*.

Potyviruses

2007.073P.04 To create twenty species in the genus *Potyvirus*, named.

Amazon lily mosaic virus, *Basella rugose mosaic virus*, *Chinese artichoke mosaic virus*, *Daphne mosaic virus*, *East Asian Passiflora virus*, *Euphorbia ringspot virus*, *Fritillary virus Y*, *Meadow saffron breaking virus*, *Passiflora chlorosis virus*, *Pennisetum mosaic virus*, *Pfaffia mosaic virus*, *Ranunculus leaf distortion virus*, *Ranunculus mild mosaic virus*, *Ranunculus mosaic virus*, *Spiranthes mosaic virus 2*, *Sweet potato virus 2*, *Thunberg fritillary mosaic virus*, *Tradescantia mild mosaic virus*, *Tuberose mild mottle virus*, *Zantedeschia mild mosaic virus*.

2007.074P.04 To remove the species *Zantedeschia mosaic virus* from the genus *Potyvirus*.

Tombusviruses

2005.011P.04 To create a new species in the genus *Necrovirus* in the family *Tombusviridae*, named *Olive mild mosaic virus*.

2005.012P.04 To create a new species in the genus *Tombusvirus* in the family *Tombusviridae*, named *Havel River virus*.

2007.123P.04 To create two new species in the genus *Tombusvirus* in the family *Tombusviridae*, named *Limonium flower distortion virus*, *Pelargonium necrotic spot virus*.

2007.125P.04 To remove the species *Pear latent virus* from the genus *Tombusvirus*.

Tymoviruses

2007.063P.04 To create two species in the genus *Tymovirus*, named *Anagyris vein yellowing virus*, *Nemesia ring necrosis virus*.

Viroids

2005.253P.04 To change the name of a species in the genus *Apscaviroid* in the family *Pospiviroidae*: from *Citrus viroid III* to *Citrus dwarfing viroid*.

2005.254P.04 To change the name of a species in the genus *Cocaviroid* in the family *Pospiviroidae*: from *Citrus viroid IV* to *Citrus bark cracking viroid*.

2005.255P-256P.04 To create a new genus and to name it *Elaviroid*.

2005.257P.04 To assign the species *Eggplant latent viroid* as the type species of the new genus created in 2005.255P.

2005.258P.04 To assign the species *Eggplant latent viroid* as a species of the new genus created in 2005.255P.

Fungus Virus Subcommittee

Mimiviruses

2005.004F.04-005F.04 To create a new family to accommodate the genus *Mimivirus* and to name it *Mimiviridae*.

Prokaryote Virus Subcommittee

Ampullaviruses

2005.084B-085B.04 To create a new genus and to name it *Ampullavirus*.

2005.086B.04 To designate the species *Acidianus bottle-shaped virus* as the type species of the new genus created in 2005.084B.

2005.087B.04 To create the following as a species of the new genus created in 2005.084B: *Acidianus bottle-shaped virus*.

2005.088B-089B.04 To create a new family and to name it *Ampullaviridae*.

2005.090B.04 To designate the following genus as part of the new family created in 2005.088B: *Ampullavirus*.

Globuloviruses

2005.077-078B.04 To create a new unassigned genus named *Globulovirus*.

2005.079B.04 To designate the species *Pyrobaculum spherical virus* as the type species of the new genus created in 2005.078B.

2005.080B.04 To create the following as a species of the new genus created in 2005.078B: *Pyrobaculum spherical virus*.

2005.081B-082B.04 To create a new family and to name it *Globuloviridae*.

2005.083B.04 To designate the following genera as belonging to the new family created in 2005.081B: *Globulovirus*.

2007.085B.04 To create the following as species in the genus *Globulovirus* in the family *Globuloviridae*: *Thermoproteus tenax spherical virus 1*.

Lipothrixviruses

2005.074B.04-075B.04 To create a new genus in the family *Lipothrixviridae* and to name it *Deltalipothrixvirus*.

2005.076B.04 To designate the species *Acidianus filamentous virus 2* as the type species of the new genus created in 2005.074B.

2005.077B.04 To create the following as a species of the new genus created in 2005.074B: *Acidianus filamentous virus 2*.

Rudiviruses

2005.073B.04 To create the following as a species in the genus *Rudivirus* in the family *Rudiviridae*: *Acidianus rod-shaped virus 1*.

General TPs

2005.209G.04 To spell out Greek letters in all taxon names, including the names of virus species, in full roman typography: e.g. *Alpha*, *Beta*, *Gamma*, *Delta*,...*Lambda*, *Mu*, etc. (Note: while this proposal may not be popular in some quarters, it is forced on the ICTV by computer search capabilities which are beyond our control).

ICTV life memberships

The ICTV Executive Committee unanimously nominates the following eminent virologists and long-term secretaries of the ICTV to Life Membership of the ICTV:

1. Dr. Claude Fauquet
2. Dr. Michael Mayo

Note: Dr. M. Mayo died December 2008.

Conclusion

As a result of the vote, all of the above taxonomic proposals were approved by the membership. They are now a part of the official ICTV taxonomy. A list of the approved taxa can be found on the ICTV online web site. The most recent report of ICTV was published in 2005 [1]. ICTV is currently updating this information and expects to publish its 9th Report in 2010.

For further information, please visit the ICTV web pages at <http://www.ictvonline.org> and <http://talk.ictvonline.org/>.

References

1. Fauquet C, Mayo MA, Maniloff J, Desselberger U, Ball LA (eds) (2005) Virus taxonomy: eighth report of the International Committee on Taxonomy of Viruses. Elsevier Academic Press, San Diego