

Taxonomic proposals ratified in 1997

This document lists proposals apparently ratified by postal ballot in the second half of 1997.

These details have been taken from the minutes of EC26 (Strasbourg, May 1997), Session 5, showing those taxonomic proposals approved by the EC. They are also listed in Pringle (1997), which summarises news from EC26 and invites consideration of the proposals. All the proposed changes are then included in Pringle (1998) [which summarises the agreed taxonomy at the end of 1997].

5.1 Vertebrate viruses

5.1.1 Picornavirus Study Group Report

Proposal 1: To create a new genus, *Parechovirus*, within the family *Picornaviridae*..

Accepted unanimously (EC26/5/1/1/1)

Proposal 2: To assign a type species, named parechovirus type 1 (formerly human echovirus type 22), to the genus *Parechovirus*.

The EC approved the designation of the type species unanimously, but the Study Group was asked to revise the proposal to include information on the criteria for species demarcation and to suggest another name if possible (EC26/5/1/1/2).

Proposal 3: To transfer human Vilyuisk encephalomyelitis virus from the genus *Enterovirus* to the genus *Cardiovirus*. [N.B. This change appears to have already been approved at the Jerusalem Congress in 1996 (see [Ratification_1996.pdf](#) = Pringle, 1996)]

This proposal was approved unanimously (EC26/5/1/1/3).

Proposal 4: To classify equine rhinovirus type 1 (ERVI) within the genus *Aphthovirus*.

Marc commented that ERV I is clearly an aphthovirus, but this is another case where a nomenclature rule is being ignored. The EC approved the transfer unanimously, but recommended renaming of the virus to remove the confusion (EC26/5/1/1/4).

5.3 Report of the Bacterial Virus Sub-committee Chair

Proposal 2 was in three parts: (1) to establish a new genus in the family *Myoviridae* for the *Archaea* virus Halobacterium virus phiH; (2) to name this genus phiH-like viruses; and (3) to designate Halobacterium virus phiH as the type species for the genus phiH-like viruses.

The proposal was approved by vote: 12 for and 1 against. (EC26/5/3/2).

Proposal 3 was similarly in three parts: (1) To establish a new genus in the family *Siphoviridae* for the *Archaea* virus Methanobacterium virus psiM; (2) to name this genus psiM-like viruses; and (3) to designate Methanobacterium virus psiM as the type species for the genus psiM-like viruses.

Jack stated that the same arguments as in the previous proposal applied and the proposal was approved by vote; 12 for and 1 against (EC26/5/3/3).

Proposal 4 was in five parts: (1) To establish a new family for the non-lipid-containing, stiff rod-shaped *Archaea* viruses Sulfolobus virus SIRV 1 and Thermoproteus virus TTV4; (2) to name this family *Rudiviridae*; (3) to establish a new genus

in the family *Rudiviridae* for the *Archaea* viruses Sulfolobus virus SIRV I and Thermoproteus virus TTV4; (4) to name this genus *Rudivirus*; and (5) to designate Sulfolobus virus SIRV I as the type species for the genus *Rudivirus*.

The EC recommended that TTV4 should be moved from the genus *Rudivirus* to become an unassigned species in the family because of its smaller genome size (17kb) in comparison with the type species (33kb).

Jack had no objection to this amendment and the proposal was approved unanimously (**EC26/5/3/4**).

5.4 Report of the Invertebrate Virus Sub-committee

5.4.3 Report of the Nodaviridae/Tetraviridae Study Group

The Study Group are proposing a change of genus names in response to criticism by the EC referred back from the ICTV Jerusalem Meeting.

Proposal 1 suggests the name *Alphanodavirus* for the genus in the family *Nodaviridae* containing Nodamura virus as the type species

Proposal 2 suggests the name *Betanodavirus* for the genus in the family *Nodaviridae* containing the type species Striped jack nervous necrosis virus.

Proposal 3 suggests the name *Betatetravirus* for the genus in the family *Tetraviridae* containing Nudaurelia capensis beta virus as the type species.

Proposal 4 suggests the name *Omegatetravirus* for the genus in the family *Tetraviridae* containing Nudaurelia capensis omega virus as the type species.

All four proposals were approved unanimously by the EC (**EC26/5/4/3/1**).

5.5 Report of the Plant Virus Sub-committee

5.5.1 Report of the Study Group on Closteroviruses and allied viruses

There were four proposals from the Study Group

Proposal 1: To name the genus in the family *Closteroviridae* which is typified by lettuce infectious yellows virus *Crinivirus*.

This proposal was approved unanimously (**EC26/5/5/1/1**).

Proposal 2: To create a new genus containing grapevine viruses A, B and D on the basis of characters outlined in notes in the Agenda papers. The proposal was approved unanimously (**EC26/5/5/1/2**).

Proposal 3: To name this new genus *Vitivirus*. The proposal was approved unanimously (**EC26/5/5/1/3**).

Proposal 4: To assign grapevine virus A as the type species of the genus *Vitivirus*. The proposal was approved unanimously (**EC26/5/5/1/4**).

5.5.2 Report of the Furovirus Study Group

Proposal 1: To remove peanut clump, potato mop-top, beet necrotic yellow vein, beet soil-borne and broad bean necrosis viruses from the genus *Furovirus*.

Proposal 2: To create a new genus to contain potato mop-top, beet soil-borne and broad bean necrosis viruses.

Proposal 3: To designate potato mop-top as the type species of the genus created by proposal 2.

Proposal 4: To create a new genus to contain peanut clump and Indian peanut clump viruses.

Proposal 5: To designate peanut clump virus as the type species of the genus created by 4.

Proposal 6: To create a genus to contain beet necrotic yellow vein and beet soil-borne mosaic viruses.

Proposal 7: To create a genus to contain beet necrotic yellow vein virus as the type species of the genus created by 6.

Proposal 8: To name the genus typified by potato mop top virus as Potamovirus [N.B. This was later declared to be a mistake and the corrected name Potamovirus was used (see Pringle, 1998)]

Proposal 9: To name the genus typified by peanut clump virus as Pecluvirus.

Proposal 10: To name the genus typified by beet necrotic yellow vein as Benyvirus. All ten proposals were approved unanimously (EC26/5/5/2/1).

5.5.3 Report of the Geminiviridae Study Group

There were three proposals for replacement of vernacular names by international names. A single vote was required.

Proposal 1: To name the genus 'Subgroup I Geminivirus' as Mastrevirus.

Proposal 2: To name the genus 'Subgroup II Geminivirus' as Curtovirus.

Proposal 3: To name the genus 'Subgroup III' Geminivirus as Begomovirus.

The three proposals were approved unanimously (EC26/5/5/3/1).

5.5.4 Report of the Bromoviridae Study Group

Giovanni Martelli reported that there were three proposals from the Study Group for creation of a new genus.

Proposal 1: To establish a new genus in the family Bromoviridae.

Proposal 2: To name this genus Oleavirus.

Proposal 3: To designate olive latent virus 2 (OLV-2) as the type species of the genus Oleavirus.

The three proposals were approved unanimously (EC26/5/5/4/1)

5.5.5 Report of the dsDNA Plant Virus Study Group

Mike Mayo presented a series of 8 proposals which he had extracted from the Study Group Report. There was general approval for the proposals, which were regarded as timely and no contrary opinions were expressed. Mike indicated that he is pressing the Study Group to designate names where no decision has yet been made.

Proposal 1: To remove rice tungrovirus from the genus Badnavirus and to create a new genus to contain it and similar viruses.

Proposal 2: To designate rice tungro bacilliform virus as the type species of the genus created in 1.

Proposal 3: To remove legume-infecting viruses from the genus Caulimovirus and to create a new genus to contain them.

Proposal 4: To designate soybean chlorotic mottle virus as the type species of the genus created in 3.

Proposal 5: To remove cassava vein mottle virus from the genus Caulimovirus and to create a new genus to contain it and similar viruses.

Proposal 6: To designate cassava vein mottle virus as the type species of the genus created in 5.

Proposal 7: To create a family to contain the genera Caulimovirus, Badnavirus and those created in 1, 3 and 5.

Proposal 8: To name the family created in 7 as Caulimoviridae.

The eight proposals were approved unanimously (EC26/5/5/5/1).

5.5.6 Report of the Viroid Study Group

Proposal 1: To create a genus of viroids resembling potato spindle tuber viroid (PSTVd)

Proposal 2: To name the genus created in 1, Pospiviroid.

Proposal 3: To designate PSTVd as the type species of the genus Pospiviroid.

- Proposal 4: To create a genus of viroids resembling hoop stunt viroid (HSVd).
- Proposal 5: To name the genus created in 4, *Hostuviroid*.
- Proposal 6: To designate HSVd as the type species of the genus *Hostuviroid*.
- Proposal 7: To create a genus of viroids resembling coconut casdang-cadang viroid (CCCVd).
- Proposal 8 To name the genus created in 7, *Cocadviroid*.
- Proposal 9: To designate CCCVd as the type species of the genus *Cocadviroid*.
- Proposal 10: To create a genus of viroids resembling apple scar skin viroid (ASSVd).
- Proposal 11: To name the genus created in 10, *Apscaviroid*.
- Proposal 12: To designate ASSVd as the type species of the genus *Apscaviroid*.
- Proposal13: To create a genus of viroids resembling coleus blumer 1 viroid (cBVdl).
- Proposal14: To name the genus created in 12, *Coleviroid*.
- Proposal15: To designate CbVd as the type species of ghe genus *Coleviroid*.
- Proposal 16: To create a genus of viroids resembling avocado sunblotch viroid (ASBVd).
- Proposal17: To name the genus created in 16, *Avsunviroid*.
- Proposal 18: To designate ASBVd as the type species of the genus *Avsunviroid*.

These eighteen proposals were approved unanimously (**EC26/5/6/1**). The Study Group was asked to provide criteria for designating species (**EC26/5/6/3**), and to consider revision of the species names (**EC26/5/6/4**)

References:

Pringle, 1996. Virus taxonomy 1996 – A bulletin from the Xth International Congress of Virology in Jerusalem. Arch Virol 141:2251-2256.

Pringle, 1997. Virus taxonomy – 1997. Proceedings of the 26th Meeting of the Executive Committee of the ICTV, Strasbourg, France, May 10–11, 1997. Arch Virol 142:1727–1733.

Pringle, 1998. The universal system of virus taxonomy of the International Committee on Virus Taxonomy (ICTV), including new proposals ratified since publication of the Sixth ICTV Report in 1995. Arch Virol 143:203-210.