

Template for Taxonomic Proposal to the ICTV Executive Committee Creating Species in an existing genus

Code † **2003.195F.01** To designate the following as species in the genus:

Phaeovirus

belonging to the family[°] : *Phycodnaviridae*

Pilayella littoralis virus 1

† Assigned by ICTV officers

° leave blank if inappropriate or in the case of an unassigned genus

Author(s) with email address(es) of the Taxonomic Proposal

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Old Taxonomic Order

Order

Family

Phycodnaviridae

Genus

Phaeovirus

Type Species

Species in the Genus

Tentative Species in the Genus

Unassigned Species in the family

New Taxonomic Order

Order

Family

Phycodnaviridae

Genus

Phaeovirus

Type Species

Species in the Genus

Pilayella littoralis virus 1

Tentative Species in the Genus

Unassigned Species in the family

ICTV-EC comments and response of the SG

Species demarcation criteria in the genus

- Host specificity. All virus species infect different brown filamentous algae.

Argumentation to justify the designation of new species in the genus

Pilayella littoralis virus is host specific. It only infects *Pilayella littoralis* (Ectocarpales, Phaeophyceae), a filamentous marine brown alga.

List of created Species in the genus

Pilayella littoralis virus-1 (PIV-1)

References

Maier I., Wolf S., Delaroque N., Müller D. G. and Kawai H. (1998). A DNA virus infecting the marine brown alga *Pilayella littoralis* (Ectocarpales, Phaeophyceae) in culture. *Eur. J. Phycol.* **33**, 213-220.

Annexes: