

# Template for Taxonomic Proposal to the ICTV Executive Committee To rename an existing Virus Name

Code<sup>†</sup>  To rename the existing virus name  
  
in the genus<sup>°\*</sup>   
in the family<sup>°\*</sup>

Code<sup>†</sup>  To name this virus\*

<sup>†</sup> Assigned by ICTV officers

<sup>°</sup> leave blank if inappropriate

\* repeat these lines and the corresponding arguments for each virus name created

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## Old Taxonomic Order

Order

Family *Flexiviridae*

Genus *Foveavirus*

Type Species: *Apple stem pitting virus*

Species in the Genus: *Apple stem pitting, virus, Apricot latent virus, Rupestris stem pitting-associated virus*

Tentative Species in the Genus: *Cherry green ring mottle virus, Cherry necrotic rusty mottle virus*

Unassigned Species in the family: *Banana mild mosaic virus, Citrus leaf blotch virus, Sugarcane striate*

*mosaic-associated virus*

## New Taxonomic Order (same as above except for the new species name)

Order

Family

Genus

Type Species

Species in the Genus *Grapevine rupestris stem pitting-associated virus*

Tentative Species in the Genus

Unassigned Species in the family

## ICTV-EC comments and response of the SG

## Argumentation to rename the virus

1. Traditionally viruses first identified in, or isolated from *Vitis* species bear a name initiating with “Grapevine”.
2. The name *Grapevine rupestris stem pitting-associated virus* has become increasingly popular and is now used by the majority of grapevine virologists.

(see annex for details supporting the case)

## References

- Martelli G.P., Lehoczky J., Quacquarelli A., 1965. Host range and properties of a virus associated with Hungarian grapevines showing macroscopic symptoms of fanleaf and yellow mosaic. *Proceeding of the International Conference of Virus and Vector on Perennial Hosts with special reference to Vitis, Davis 1965*: 389-401.
- Martelli G.P., Quacquarelli A., 1972. Hungarian chrome mosaic of grapevine and tomato black ring: two similar but unrelated plant viruses. *Annales de Phytopathologie*, n. hors Serie, 121-133
- Martelli G.P., Quacquarelli A., 1972. Grapevine chrome mosaic virus. *CMI/AAB Descriptions of Plant Viruses*, n° 103
- Martelli G.P., Jelkmann W., 1998. *Foveavirus*, a new plant virus genus. *Archives of Virology* **143**: 1245-1249.
- Meng B., Forsline P., Gonsalves D., 1997. **Rupestris stem pitting** of grapevine: nucleotide sequence, RT-PCR detection and viral origin of associated dsRNA. *Extended Abstracts 12<sup>th</sup> Meeting of the ICVG, Lisbon 1997*:35-36.
- Meng B., Pang S.Z., Forsline P.L., McFerson J.R., Gonsalves D., 1998. Nucleotide sequence and genome structure of **grapevine rupestris stem pitting-associated virus 1** reveal similarities to apple stem pitting virus. *Journal of General Virology* **79**: 2059-2069.
- Meng B., Zhu H.Y., Gonsalves D., 1999. **Rupestris stem pitting associated virus 1** consists of a family of sequence variants. *Archives of Virology* **144**: 2071-2085.

## ANNEX

The name *Rupestris stem pitting-associated virus* was first coined by D. Gonsalves and his coworkers (Meng *et al.*, 1997) who still use it in their papers. However, these authors have later called a molecular variant of the same virus with two different names, i.e. *Grapevine rupestris stem pitting-associated virus 1* (Meng *et al.*, 1998) and *Rupestris stem pitting-associated virus 1* (Meng *et al.*, 1999). This has created much confusion.

In the description of the genus *Foveavirus*, Martelli and Jelkmann (1998) used for the first time the name *Grapevine rupestris stem pitting-associated virus* (GRSPaV) by analogy with the naming of other viruses that were first recovered from grapevines, thus in accordance with the current nomenclature of grapevine viruses. To this effect, the comparable case of the nepovirus *Grapevine chrome mosaic virus* (GCMV) can be quoted. This virus was originally named **Hungarian grapevine virus** (Martelli *et al.*, 1965), then **Hungarian chrome mosaic virus** (Martelli and Quacquarelli, 1970), to acquire the ultimate denomination of *Grapevine chrome mosaic virus* in 1972 (Martelli and Quacquarelli, 1972).

As to the foveavirus in question, notwithstanding the modification suggested by Martelli and Jelkmann (1998) it continued to be called **RSPaV** in the 7th Report (2000) and 8th Report (2005) of the ICTV.

In the meantime, however, the name **GRSPaV** had caught on, becoming more and more popular, as shown by the fact that five research groups to one have used it in papers given at

the latest ICVG Meeting, held in Italy in 2003.

Hence, to solve the extant nomenclatorial problem, the Steering Committee of the ICVG proposes the official scientific name of this foveavirus species to be changed into *Grapevine rupestris stem pitting-associated virus*.