

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

Code[†] To rename the following species in the genus:

belonging to the family[°] :

To rename the type species of the genus, previously designated *Lettuce big-vein virus*, *Lettuce big-vein-associated virus*.

[†] Assigned by ICTV officers

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

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Old Taxonomic Order

Order

Family

Genus

Varicosavirus

Type Species

Lettuce big-vein virus

Species in the Genus

Tentative Species in the Genus

Unassigned Species in the family

New Taxonomic Order

Order

Family

Genus

Varicosavirus

Type Species

Lettuce big-vein associated virus

Species in the Genus

Tentative Species in the Genus

Unassigned Species in the family

ICTV-EC comments and response of the SG

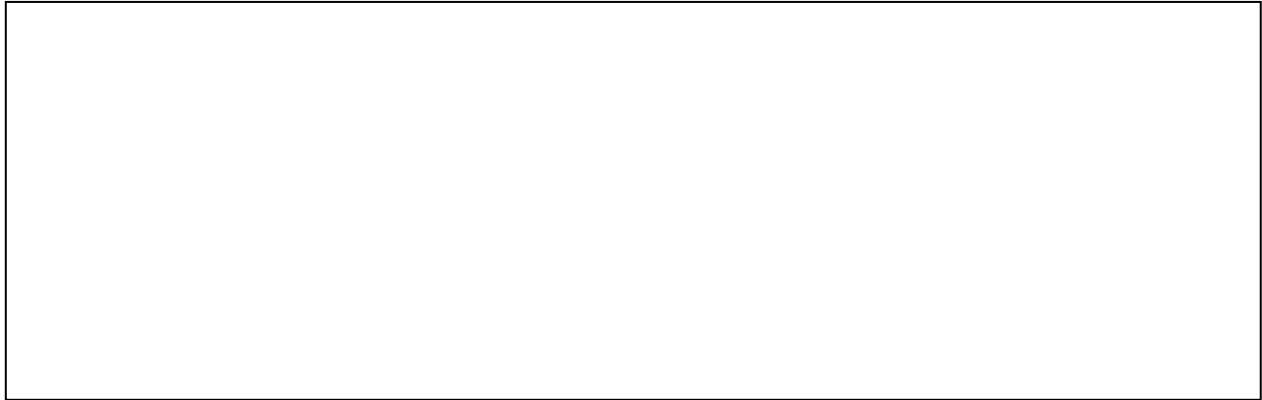
Species demarcation criteria in the genus



Argumentation to justify the designation of new species in the genus

For many years, lettuce big-vein disease was considered (e.g., Kuwata et al., 1983) to be caused by *Lettuce big-vein virus* (LBVV) which was subsequently recognised as the type species of the Varicosavirus genus (see ICTV 7th Report). However, it has shown within the last two to three years that lettuce big-vein disease is caused not by LBVV but by an Ophiovirus (Roggero et al., 2000; Lot et al., 2002); the latter virus, tentatively designated Mirafiori lettuce virus (Roggero et al., 2000) but recently renamed *Mirafiori lettuce big-vein virus* (MLBVV) by the Ophiovirus Study Group, is now recognised as the cause of big-vein disease (Roggero et al., 2000; Lot et al., 2002). MLBVV is soilborne and often occurs together in lettuce with the virus previously designated LBVV but, due to technical difficulties, had not been detected earlier. LBVV is thus now a misnomer. The Varicosavirus and Ophiovirus Study Groups have considered each of several suggested alternative names for LBVV. A majority of the members of the two SGs consider that LBVV is now more appropriately known as *Lettuce big-vein-associated virus*, and recommend that it be so renamed.

List of created Species in the genus



References

- Kuwata, S., Kubo, S., Yamashita S. and Doi, Y. (1983). Rod-shaped particles, a probable entity of lettuce big vein virus. *Ann.Phytopath.Soc. Japan*, **49**, 246-251.
- Lot, H., Campbell, R.N., Souche, S., Milne, R.G. and P. Roggero (2002). Transmission by *Olpidium brassicae* of *Mirafiori lettuce virus* and *Lettuce big-vein virus*, and their roles in lettuce big-vein etiology. *Phytopathology* **92**, 288-293.
- Roggero, P., Ciuffo, M., Vaira, A. M., Accotto, G .P., Masenga, V. and Milne, R. G. (2000). An *Ophiovirus* isolated from lettuce with big-vein symptoms. *Arch. Virol.* **145**, 2629-2642.

Annexes: