

**Part 1:** **TITLE, AUTHORS, APPROVALS, etc**

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| **Code assigned:** | ***2023.006F*** |  |
| **Short title:** Rename eight species names in family *Curvulaviridae (Durnavirales)* to a Latinized binomial format | | |
|  | | |

**Author(s) and email address(es)**

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**List the ICTV Study Group(s) that have seen this proposal**

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| *Curvulaviridae* SG, Fungal and Protist Virus SC Chair  *Partitiviridae* SG |

**ICTV Study Group comments and response of proposer**

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**ICTV Study Group votes on proposal**

|  |  |  |  |
| --- | --- | --- | --- |
| **Study Group** | **Number of members** | | |
| **Votes support** | **Votes against** | **No vote** |
| ICTV SG *Curvulaviridae* | 3 | 0 | 0 |

**Authority to use the name of a living person**

|  |  |
| --- | --- |
| **Is any taxon name used here derived from that of a living person (Y/N)** | N |

**Submission dates**

|  |  |
| --- | --- |
| Date first submitted to SC Chair | 19 June 2023 |
| Date of this revision (if different to above) |  |

**ICTV-EC comments and response of the proposer**

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**Part 3:** **TAXONOMIC PROPOSAL**

**Name of accompanying Excel module**

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| --- |
| 2023.006F.v1.Curvulaviridae\_spren.xlsx |

**Abstract**

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| The family *Curvulaviridae* currently includes one genus, *Orthocurvulavirus*, accommodating eight species. We propose converting all species names to a Latinized binomial format. |

**Text of proposal**

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| --- | --- |
| |  | | --- | | The family *Curvulaviridae* currently includes one genus, *Orthocurvulavirus*, accommodating eight species. Following the results of the ICTV 2020 ratification vote, we propose converting all existing species names to a Latinized binomial (genus-species) format (Table 1) in order to comply with newly adopted nomenclatural standards.  The majority (5 out of 8) of the species names were converted by using the genus of the host as a Latinized epithet: e.g. the orthocurvulavirus species *Curvularia orthocurvulavirus 1* became *Orthocurvulavirus curvulariae* and *Trichoderma harzianum orthocurvulavirus 1* became *Orthocurvulavirus trichodermae*.  To distinguish between the two orthocurvulaviruses from *Lactarius* sp. hosts, the host species names were used instead of the genus name, and hence *Lactarius rufus orthocurvulavirus 1* became *Orthocurvulavirus rufi* and *Lactarius tabidus orthocurvulavirus 1* became *Orthocurvulavirus tabidi.* The host genus name *Heterobasidion* is derived from Greek and means “with variable basidia” (hetero= different; basidion = diminutive of basis, base). The host species epithet *annosum* is derived from Latin and means aged. The disease caused by several different *Heterobasidion* species is commonly called “annosus root rot”. Therefore, we consider the Latin-derived epithet “annosi” suitable for this species that accommodates isolates from the *Heterobasidion annosum* species complex. The host of the reference isolate with GenBank sequence accession numbers HQ189459, MK468678); see <https://ictv.global/taxonomy/taxondetails?taxnode_id=202208782>) is *H. abietinum*. | |

**Supporting evidence**

**Table 1:** Current and proposed species nomentclature in the family *Curvulaviridae*

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| **Current nomenclature** | **Proposed nomenclature** |
| *Curvularia orthocurvulavirus 1* | *Orthocurvulavirus curvulariae* |
| *Fusarium graminearum orthocurvulavirus* | *Orthocurvulavirus fusarii* |
| *Heterobasidion orthocurvulavirus* | *Orthocurvulavirus annosi* |
| *Lactarius rufus orthocurvulavirus 1* | *Orthocurvulavirus rufi* |
| *Lactarius tabidus orthocurvulavirus 1* | *Orthocurvulavirus tabidi* |
| *Rhizoctonia solani orthocurvulavirus 1* | *Orthocurvulavirus rhizoctoniae* |
| *Sclerotium hydrophilum orthocurvulavirus 1* | *Orthocurvulavirus sclerotiniae* |
| *Trichoderma harzianum orthocurvulavirus 1* | *Orthocurvulavirus trichodermae* |

**References**

<https://ictv.global/taxonomy/taxondetails?taxnode_id=202208782>