

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

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| **Code assigned:** | ***2023.005F*** |  |
| **Short title:** Converting 10 species names in family *Polymycoviridae* to a Latinized binomial (genus-species) format | | |
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**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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| Fungal and Protist Virus SC Chair |

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

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**ICTV Study Group votes on proposal**

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| **Study Group** | **Number of members** | | |
| **Votes support** | **Votes against** | **No vote** |
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**Authority to use the name of a living person**

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

**Submission dates**

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| --- | --- |
| Date first submitted to SC Chair | 23rd 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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| 2023.005F.v1Polymycoviridae\_spren.xlsx |

**Abstract**

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| The family *Polymycoviridae* currently includes one genus *Polymycovirus* accommodating 10 species. Here we propose converting all species names to a Latinized binomial (genus-species) format. |

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| **Text of proposal**   |  | | --- | | Currently there are 10 species in the family *Polymycoviridae* (Kotta-Loizou *et al.*, 2022).  Following the results of the ICTV 2020 ratification vote, we converted all existing species names to a Latinized binomial (genus-species) format (Table 1) in order to comply with newly adopted nomenclatural standards.  The species names were converted by using the genus of the host as a Latinized epithet: e.g. *Aspergillus fumigatus polymycovirus 1* became ‘Polymycovirus aspergilli’.  In addition to ‘Polymycovirus aspergilli’ infecting *Aspergillus fumigatus*, one other polymycovirus infects *Aspergillus* spp., *A. spelaeus*. In this case, the Latinized epithet is an amalgam of the binomial host name: *Aspergillus spelaeus polymycovirus 1* became ‘Polymycovirus aspelaei’.  A similar approach was adopted for two betachysoviruses infecting *Penicillium* spp.: *Penicillium brevicompactum polymycovirus 1* became ‘Polymycovirus penicompactii’ and *Penicillium digitatum polymycovirus 1* became ‘Polymycovirus penidigitati’. | |

**Supporting evidence**

**Table 1:** Current and proposed species nomenclature in the family *Polymycoviridae*

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| **current nomenclature** | **proposed nomenclature** |
| **Genus: *Polymycovirus*** | **Genus: *Polymycovirus*** |
| *Aspergillus fumigatus polymycovirus 1* | *Polymycovirus aspergilli* |
| *Aspergillus spelaeus polymycovirus 1* | *Polymycovirus aspelaei* |
| *Beauveria bassiana polymycovirus 1* | *Polymycovirus beauveriae* |
| *Botryosphaeria dothidea polymycovirus 1* | *Polymycovirus botryosphaeriae* |
| *Cladosporium cladosporioides polymycovirus 1* | *Polymycovirus cladosporii* |
| *Colletotrichum camelliae polymycovirus 1* | *Polymycovirus colletotrichi* |
| *Fusarium redolens polymycovirus 1* | *Polymycovirus fusarii* |
| *Magnaporthe oryzae polymycovirus 1* | *Polymycovirus magnaporthis* |
| *Penicillium brevicompactum polymycovirus 1* | *Polymycovirus penicompactii* |
| *Penicillium digitatum polymycovirus 1* | *Polymycovirus penidigitati* |

**References**

Kotta-Loizou I, Coutts RHA, ICTV Report Consortium (2022) ICTV Virus Taxonomy Profile. J Gen Virol 103(5). PMID: 35639592; doi: 10.1099/jgv.0.001747