

The International Committee on Taxonomy of Viruses

Taxonomy Proposal Form, 2025

**Part 1a: Details of taxonomy proposals**

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| **Title:**  | Rename two species in the order *Sobelivirales* |
| **Code assigned:**  |  |

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| **Author(s), affiliation and email address(es):**  |
| **Given name (+middle initial(s))** | **Surname** | **Affiliation**  | **Email address**  | **Corr. author(s)**  |
| Sead | Sabanadzovic | Dept of Agricultural Science and Plant Protection, Mississippi State University, Mississippi State, MS 39762, USA | ssabanadzovic@entomology.msstate.edu  | X |
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| Mart | Krupovic | Institut Pasteur, Université Paris Cité, CNRS UMR6047, Archaeal Virology Unit, 75015 Paris, France | mart.krupovic@pasteur.fr  |  |
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**Part 1b: Taxonomy Proposal Submission**

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| **ICTV Subcommittee:**  |
| Animal DNA Viruses and Retroviruses |  | Bacterial viruses |  |
| Animal minus-strand and dsRNA viruses |  | Fungal and protist viruses | **X** |
| Animal positive-strand RNA viruses |  | Plant viruses |  |
| Archaeal viruses |  | General -Submit to Proposals Secretary |  |

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| **List the ICTV Study Group(s) that have seen or have been involved in creating this proposal:** A list of study groups and their members is provided at <https://ictv.global/sc>. |
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| **Optional – complete only if formally voted on by an ICTV Study Group:** <To be completed by Study Group> |
| **Study Group** | **Number of members** |
| **Votes in support** | **Votes against** | **No vote** |
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| **Submission date:** | 25-06-2025 |

Enter date of the initial submission (DD/MM/YYYY).

**Part 1c: Feedback from ICTV Executive Committee (EC) meeting** <To be completed by the subcommittee chair after EC evaluation>

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| **Executive Committee Meeting Decision code:** | **X** |
| A – Accept |  |
| Ac – Accept subject to revision by relevant subcommittee chair. No further vote required |  |
| U – Accept without revision but with re-evaluation and email vote by the EC |  |
| Uc – Accept subject to revision and re-evaluation and email vote by the EC |  |
| Ud – Deferred to the next EC meeting, with an invitation to revise based on EC comments |  |
| J - Reject |  |
| W - Withdrawn |  |

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| **Comments from the Executive Committee:** |
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**Part 1d: Revised Taxonomy Proposal Submission** <To be completed for the revised version>

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| **Response of proposer:** Please describe in detail how you have responded to the EC meeting feedback |
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| **Revision date:** |  |

Enter date of the revised version (DD/MM/YYYY).

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

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| **Taxonomic changes proposed:** Enter an "X" against one or more actions |
| Establish new taxon |  | Split taxon |  |
| Abolish taxon |  | Merge taxon |  |
| Move taxon |  | Promote taxon |  |
| Rename taxon | **X** | Demote taxon |  |
| Move and rename |  |

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| **Etymology (origin) of proposed taxonomic names:**  |
| **Taxon name**  | **Etymology of the term** |
| *Dinornavirus heterocapsae* | “heterocapsae” - from hostname*Heterocapsa circularisquama* |
| *Barnavirus agarici* | “agarici” – from host name *Agaricus bisporus*  |

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| **Permission for use of names derived from a living person:**   |
| **Taxon name** | **Full name of person from whom the name is derived** | **Attached** X |
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| **Abstract of Taxonomy Proposal:**  |
| *Taxonomic rank(s) affected*: Species*Description of current taxonomy*: *Sobelivirales*; *Alvernaviridae*; *Dinornavirus*; *Heterocapsa circularisquama RNA virus 01**Sobelivirales*; *Barnaviridae*; *Barnavirus*; *Mushroom bacilliform virus**Proposed* *taxonomic change(s):* Rename two species of RNA viruses in the order *Sobelivirales* to conform with the mandated binomial nomenclature.:*Sobelivirales*; *Alvernaviridae*; *Dinornavirus*; “*Dinornavirus heterocapsae”**Sobelivirales*; *Barnaviridae*; *Barnavirus*; “*Barnavirus agarici”**Justification*:At present, there are two species of RNA viruses, *Heterocapsa circularisquama RNA virus 01* (*Sobelivirales*; *Alvernaviridae*; *Dinornavirus*) and *Mushroom bacilliform virus* (*Sobelivirales*; *Barnaviridae*; *Barnavirus*), under the remit of the Fungal and Protist Viruses Subcommittee. These names are not in line with the ICTV’s mandated binomial format. Therefore, we propose renaming them using Latinized binomials, as “*Dinornavirus heterocapsae* “and “*Barnavirus agarici”*, respectively. |

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| **Text of Taxonomy proposal:**  |
| *Taxonomic rank(s) affected*: Species*Description of current taxonomy*: *Sobelivirales*; *Alvernaviridae*; *Dinornavirus*; *Heterocapsa circularisquama RNA virus 01**Sobelivirales*; *Barnaviridae*; *Barnavirus*; *Mushroom bacilliform virus**Proposed* *taxonomic change(s)*: *Sobelivirales*; *Alvernaviridae*; *Dinornavirus*; “*Dinornavirus heterocapsae”**Sobelivirales*; *Barnaviridae*; *Barnavirus*; “*Barnavirus agarici”**Demarcation criteria:* Not applicable*Justification*: At present, there are two species of RNA viruses under the remit of the ICTV Fungal and Protist Viruses Subcommittee with names that are not in line with the ICTV’s mandated binomial format. Therefore, we propose renaming *Heterocapsa circularisquama RNA virus 01* (*Sobelivirales*; *Alvernaviridae*; *Dinornavirus*) and *Mushroom bacilliform virus* (*Sobelivirales*; *Barnaviridae*; *Barnavirus*) as “*Dinornavirus heterocapsae”* and “*Barnavirus agarici”*, respectively. |

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| **References:**  |
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| **Accompanying files:**  |
| **Filename** | **Description of contents** |
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| **Tables, Figures:**  |

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