Summary of taxonomy changes ratified by the International Committee on Taxonomy of Viruses (ICTV) from the 2026 Fungal and Protist Viruses Subcommittee

Contents

2025.001F.A.v3.Dinodnavirus_1spren_Rhizidiovirus_abolish

Title: Rename one species in the genus *Dinodnavirus* and abolish one species in the genus *Rhizidiovirus*

Authors: Sead Sabanadzovic, Arvind Varsani, Mart Krupovic, Keizo Nagasaki, Jens H Kuhn

Summary:
Taxonomic rank(s) affected:
Species, genus

Description of current taxonomy:
Dinodnavirus; Heterocapsa circularisquama DNA virus *01*
Rhizidiovirus; Rhizidiomyces virus

Proposed taxonomic change(s):
Rename one species in the genus *Dinodnavirus* and abolish one species in the genus *Rhizidiovirus.*

Justification:
Currently, there are two species of DNA viruses under the remit of the ICTV Fungal and Protist Viruses Subcommittee with nomenclature not conforming to the ICTV's binomial standards. We propose renaming the species *Heterocapsa* circularisquama DNA virus *01* in the genus *Dinodnavirus* to *"Dinodnavirus heterocapsae".* Furthermore, we propose abolishing the sole species *Rhizidiomyces virus* in the unassigned genus *Rhizidiovirus* due to the lack of any available genome sequence information for its representative member, Rhizidiomyces virus, which renders its classification impossible based on current ICTV standards. Accordingly, being a monospecific taxon, the genus *Rhizidiovirus* is also proposed to be abolished.

Submitted: 25/06/2025; *Revised:* —

TABLE 1 - *Dinodnavirus*, 2 abolish taxa*

Operation	Rank	Abolished taxon name
Abolish taxon	Species	*Rhizidiomyces virus*
Abolish taxon	Genus	*Rhizidiovirus*

TABLE 2 - *Dinodnavirus*, 1 rename taxon*

Operation	Rank	Previous taxon name	New taxon name
Rename taxon	Species	*Heterocapsa circularisquama DNA virus 01*	*Dinodnavirus heterocapsae*

2025.002F.A.v3.Sobelivirales_2spren

Title: Rename two species in the order *Sobelivirales*

Authors: Sead Sabanadzovic, Arvind Varsani, Mart Krupovic, Jens H Kuhn

Summary:
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.

Submitted: 25/06/2025; *Revised:* —

TABLE 3 - *Sobelivirales*, 2 rename taxa*

Operation	Rank	Previous taxon name	New taxon name
Rename taxon	Species	*Heterocapsa circularisquama RNA virus 01*	*Dinornavirus heterocapsae*
Rename taxon	Species	*Mushroom bacilliform virus*	*Barnavirus agarici*

2025.003F.A.v2.Alphapithovirus_spren

Title: Rename one species in the genus *Alphapithovirus*

Authors: Jean Michel Claverie, Sead Sabanadzovic

Summary:
Taxonomic rank(s) affected:
Species

Description of current taxonomy:
Pimascovirales; Ocovirineae; Pithoviridae; Orthopithovirinae; Alphapithovirus; Alphapithovirus sibericum

Proposed taxonomic change(s):
Rename current species *Alphapithovirus* sibericum *to* Alphapithovirus *siberiense,* as it was listed in the original proposal.

Justification:
During the multiple rounds of the review process of a complex taxonomic proposal concerning reorganization of the order *Pimascovirales* submitted in 2024 (), the name of one species was accidentally reported erroneously in the accompanying Excel file (). With this action we seek correction of that clerical error to reflect original idea of TP authors.

Submitted: 18/06/2025; *Revised:* —

TABLE 4 - *Alphapithovirus*, 1 rename taxon*

Operation	Rank	Previous taxon name	New taxon name
Rename taxon	Species	*Alphapithovirus sibericum*	*Alphapithovirus siberiense*

2025.004F.A.v2.Deltanormycoviridae_rename

Title: Rename *family Deltanormycoviridae*

Authors: Marco Forgia, Massimo Turina, Sead Sabanadzovic

Summary:
Taxonomic rank(s) affected: Family

Description of current taxonomy:
Orpoviricetes; Bormycovirales; Deltanormycoviridae

Proposed taxonomic change(s):
Orpoviricetes; Bormycovirales; Deltaormycoviridae

Justification:
During the preparation of taxonomic proposal submitted in 2024 proposing the creation of a new class of RNA mycoviruses *Orpoviricetes* with two orders, five families, seven genera and 26 species, inadvertently a typo was introduced in the Excel file ( ) resulting in an unintended name of one of the new families *(Deltanormycoviridae).* This error went unnoticed during the review process and was transferred into a current version of the Master Species List, making *Deltanormycoviridae* the official

name for this family. With this proposal we seek correction of that unfortunate error to reflect the original idea of the TP authors to name the taxon *Deltaormycoviridae,* as originally reported in the Word file of the proposal *().*

Submitted: 23/06/2025; *Revised:* —

TABLE 5 - *Deltanormycoviridae*, 1 rename taxon*

Operation	Rank	Previous taxon name	New taxon name
Rename taxon	Family	*Deltanormycoviridae*	*Deltaormycoviridae*

2025.005F.Ac.v3.Ambiguiviridae_newfam

Title: Create new family in order *Tolivirales* with 3 new genera and 42 new species

Authors: Michael J Adams , Xiaohan Mo, Hongying Zheng

Summary:
Taxonomic rank(s) affected:
Order Tolivirales

Description of current taxonomy:
Two families: *Tombusviridae and Carmotetraviridae*

Proposed taxonomic change(s):
Creation of a new family *"Ambiguiviridae"* in the order *Tolivirales* to accommodate three new genera and a total of 42 new species.

Justification:
Over the past two decades, a substantial number of evolutionary related viruses with bicistronic RNA(+) genome, ranging from 2.6 kb to ~5.5 kb in length, have been discovered mostly from fungi and from metagenomic studies. Their ORF1 encodes a protein of unknown function but with conserved domains, while ORF2 codes for a putative RNA-dependent RNA polymerase (RdRP) with similarity to those of plant-infecting viruses in the family *Tombusviridae.* As this group of viruses is not part of the official virus taxonomy yet, we formally propose their classification in a new family *"Ambiguiviridae"* in the order *Tolivirales.*

Submitted: 26/05/2025; *Revised:* 30/08/2025

TABLE 6 - *Ambiguiviridae*, 46 new taxa*. Table too large, see supplementary information sheet supp_info_tab_6

2025.006F.Ac.v3.Polymycoviridae_3ngen_18nsp

Title: Polymycoviridae_reorganization

Authors: Poliane Alfenas-Zerbini, Cauê N. Oliveira, Ioly Kotta-Loizou, Robert H. A. Coutts, Sead Sabanadzovic

Summary:Taxonomic rank(s) affected:
This proposal affects the family *Polymycoviridae* and its sole *genus Polymycovirus.*

Description of current taxonomy:
Polymycoviridae comprises a single genus, *Polymycovirus,* with 10 species recognized by the ICTV.

Proposed taxonomic change(s):
We propose to split genus *Polymycovirus* into three genera namely, *Polymycovirus, "Multimycovirus",* and *"Plurimycovirus"* in the family *Polymycoviridae.* Consequently, we propose to move and rename the 5 established species in the family *Polymycoviridae* based on the novel genus they are assigned in. Additionally, we propose to establish 18 novel species in the family *Polymycoviridae,* 4 in the genus *Polymycovirus,* 13 in the genus *"Multimycovirus",* and 1 in the genus *"Plurimycovirus".*

Justification:
We propose reorganization of the family by splitting the genus *Polymycovirus* into three novel genera to better reflect the evolutionary relationships among classified and novel polymycovirus-related isolates. Additionally, we propose establishing 18 new species in *the Polymycoviridae* family, representing almost threefold fold increase in species number in this taxon. We believe that this new organization will facilitate further work on classifying the increasing number of polymycovirids.

Submitted: 13/06/2025; *Revised:* 22/09/2025

TABLE 7 - *Polymycoviridae*, 20 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Species	*Polymycovirus aspeflavi*	Aspergillus flavus polymycovirus 1	RNA1: LC763247; RNA2: LC763248; RNA3: LC763249; RNA4: LC763250; RNA5: LC763251
New taxon	Species	*Polymycovirus metarhizae*	Metarhizium robertsii polymycovirus 1	RNA1: PV166302; RNA2: PV166303; RNA3: PV166304; RNA4: PV166305
New taxon	Species	*Polymycovirus turcicalternatae*	Setosphaeria turcica polymycovirus 2	RNA1: OQ433940; RNA2: OQ433941; RNA3: OQ433942; RNA4: OQ433943; RNA5: OQ433944
New taxon	Species	*Polymycovirus erynecati*	Erysiphe necator associated polymycovirus 2	RNA1: MN617800; RNA2: MN617801; RNA3: MN617802; RNA4: MN617803
New taxon	Genus	*Multimycovirus*		
New taxon	Species	*Multimycovirus secuphyllostictae*	Phyllosticta capitalensis polymycovirus 2	RNA1: PP359416; RNA2: PP359417; RNA3: PP359418; RNA4: PP359419; RNA5:PP359420
New taxon	Species	*Multimycovirus priphyllostictae*	Phyllosticta capitalensis polymycovirus 1	RNA1: PP359411; RNA2: PP359412; RNA3: PP359413; RNA4: PP359414; RNA5: PP359415
New taxon	Species	*Multimycovirus metabrunnei*	Metarhizium brunneum polymycovirus 1	RNA1: OP524132; RNA2: OP524133; RNA3: OP524134; RNA4: OP524135

New taxon	Species	*Multimycovirus talaromyci*	Talaromyces amestolkiae polymycovirus 1	RNA1: OP096450; RNA2: OP096451; RNA3: OP096452; RNA4: OP096453; RNA5: OP096454; RNA6: OP096455
New taxon	Species	*Multimycovirus miniphaeocremonii*	Phaeoacremonium minimum tetramycovirus 1	RNA1: MK584824; RNA2: MK584825; RNA3: MK584826; RNA4: MK584827
New taxon	Species	*Multimycovirus magnaporyzae*	Magnaporthe oryzae polymycovirus 2	MW752168; MW752169; MW752170; MW752171
New taxon	Species	*Multimycovirus cladosplasmoniae*	Cladosporium ramotenellum polymycovirus 1	RNA1: OQ053977; RNA2: OQ053978; RNA3: OQ053979; RNA4: OQ053980; RNA5: OQ053981; RNA6: OQ053982
New taxon	Species	*Multimycovirus erynecati*	Erysiphe necator associated polymycovirus 6	RNA1: MN617815; RNA2: MN617816; RNA3: MN617817
New taxon	Species	*Multimycovirus beauvessiana*	Beauveria bassiana polymycovirus 4	RNA1: MW385785; RNA2: MW385786; RNA3: MW385787; RNA4: MW385788; RNA5: MW385789; RNA6: MW385790
New taxon	Species	*Multimycovirus trichodermae*	Trichoderma barbatum polymycovirus 1	RNA1: OM307406; RNA2: OM307407; RNA3: OM307408; RNA4: OM307409
New taxon	Species	*Multimycovirus turcicae*	Setosphaeria turcica polymycovirus 1	RNA1: MW429374; RNA2: MW429375; RNA3: MW429376; RNA4: MW429377; RNA5: MW429378
New taxon	Species	*Multimycovirus alternatae*	Alternaria alternata polymycovirus 1	RNA1: MT345016; RNA2: MT345017; RNA3: MT345018; RNA4: MT345019; RNA5: MT345020; RNA6: MT345021; RNA7: MT345022; RNA8: MT345023
New taxon	Species	*Multimycovirus camesinensis*	Pseudopestalotiopsis camelliae-sinensis polymycovirus 1	RNA1: PP359405; RNA2: PP359406; RNA3: PP359407; RNA4: PP359408; RNA5: PP359409; RNA6: PP359410
New taxon	Genus	*Plurimycovirus*		
New taxon	Species	*Plurimycovirus cladosporidae*	Cladosporium cladosporioides polymycovirus 2	RNA1: OQ054008; RNA2: OQ054009; RNA3: OQ054010; RNA4: OQ054011;

				RNA5: OQ054012; RNA6: OQ054013

TABLE 8 - *Polymycoviridae*, 5 move; rename taxa*

Operation	Rank	New taxon name	New parent taxon	Old parent taxon	Old taxon name
Move; rename taxon	Species	*Multimycovirus aspelaei*	*Multimycovirus*	*Polymycovirus*	*Polymycovirus aspelaei*
Move; rename taxon	Species	*Multimycovirus aspergilli*	*Multimycovirus*	*Polymycovirus*	*Polymycovirus aspergilli*
Move; rename taxon	Species	*Multimycovirus botryosphaeriae*	*Multimycovirus*	*Polymycovirus*	*Polymycovirus botryosphaeriae*
Move; rename taxon	Species	*Multimycovirus magnaporthis*	*Multimycovirus*	*Polymycovirus*	*Polymycovirus magnaporthis*
Move; rename taxon	Species	*Plurimycovirus penidigitati*	*Plurimycovirus*	*Polymycovirus*	*Polymycovirus penidigitati*

2025.007F.Ac.v3.Mycopleornaviricetes_nclass_Xenadelphovirales_nord

Title: Create new class and new order to accommodate two orphan mycoviral families

Authors: Poliane Alfenas-Zerbini, Cauê N. Oliveira, Ioly Kotta-Loizou, Robert H. A. Coutts, Yuri I. Wolf, Nobuhiro Suzuki, Sead Sabanadzovic

Summary:Taxonomic rank(s) affected:
This proposal affects primarily the phylum *Pisuviricota,* by establishing a novel class and a novel order to accommodate two established families yet unassigned to higher taxa.

Description of current taxonomy:
Polymycoviridae is an orphan family within the realm *Riboviria,* not yet assigned to taxa of the order-kingdom ranks. *Polymycoviridae* is phylogenetically related to *Hadakaviridae,* a family assigned to the phylum *Pisuviricota,* kingdom *Orthornavirae,* realm *Riboviria* but not yet assigned to an order or class.

Proposed taxonomic change(s):
We propose to move *Polymycoviridae* to the phylum *Pisuviricota* and create a novel class, *"Mycopleornaviricetes"* and a novel order, *"Xenadelphovirales",* to accommodate the *Polymycoviridae* and *Hadakaviridae families.*

Justification:
Polymycoviridae and *Hadakaviridae* are two families of mycoviruses, belonging to a monophyletic clade within the phylum *Pisuviricota* and more closely related to each other than to other viral families within the same phylum. Currently, *Polymycoviridae* is not assigned to order-kingdom taxa, while *Hadakaviridae* is assigned to phylum *Pisuviricota* but not to an order or class. Therefore, we propose establishing a novel class and order to accommodate this monophyletic clade of mycoviruses.

Submitted: 30/04/2025; *Revised:* 30/08/2025

TABLE 9 - *Mycopleornaviricetes*, 2 new taxa*

Operation	Rank	New taxon name
New taxon	Class	*Mycopleornaviricetes*
New taxon	Order	*Xenadelphovirales*

TABLE 10 - *Mycopleornaviricetes*, 2 move taxa*

Operation	Rank	Taxon name	New parent taxon
Move taxon	Family	*Polymycoviridae*	*Orthornavirae*
Move taxon	Family	*Hadakaviridae*	*Mycopleornaviricetes*

2025.008F.A.v2.Tobaliviridae_newfam

Title: Create one new family, one genus and 9 species in the order *Martellivirales*

Authors: Sead Sabanadzovic, Nina Aboughanem-Sabanadzovic, Massimo Turina, Nobuhiro Suzuki, Mart Krupovic

Summary:
Taxonomic rank(s) affected:
Order, family, genus, species

Description of current taxonomy:
The order *Martellivirales* currently contains seven families *(Bromoviridae,* Closteroviridae, Endornaviridae, Kitaviridae, Mayoviridae, *Togaviridae* and *Virgaviridae)* of (+)RNA viruses encoding alphavirus-like replicases.

Proposed taxonomic change(s):
We propose establishing a new family *"Tobaliviridae"* in the order *Martellivirales* to classify a growing group of "tobamo-like" viruses characterized from fungi. The proposed family will contain a single genus *"Tobalivirus"* with nine species.

Justification:
Despite obvious similarities in genome organization and possible expression strategy between tobamoviruses (family *Virgaviridae)* and "tobamo-like" mycoviruses, differences in:
primary hosts (plant versus fungi)
genome size (6.3-6.6 versus 10-13 kb),
size and nature of proteins encoded by ORF3,
CP size (17 kDa versus 36 kDa),
virion morphology (rigid versus flexuous rods) and
phylogenetically distinct RdRP lineage
justify the proposal for creation of a new family *"Tobaliviridae"* with a single genus, *"Tobalivirus",* containing nine species to classify a set of well-characterized viruses.

Submitted: 20/06/2025; *Revised:* —

TABLE 11 - *Tobaliviridae*, 11 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Family	*Tobaliviridae*		

New taxon	Genus	*Tobalivirus*		
New taxon	Species	*Tobalivirus acidomyci*	Acidomyces richmondensis tobamo-like virus 1	MK279511
New taxon	Species	*Tobalivirus armillariae*	Armillaria borealis mycovirgavirus 1	MW423800
New taxon	Species	*Tobalivirus auricolariae*	Auricularia heimuer mycovirgavirus 1	MN928963
New taxon	Species	*Tobalivirus macrophominae*	Macrophomina phaseolina tobamo-like virus	KF537660
New taxon	Species	*Tobalivirus lentinulae*	Lentinula edodes tobamo-like virus 1	MN744727
New taxon	Species	*Tobalivirus nigrosporae*	Nigrospora aurantiaca tobamo-like virus 1	OR228589
New taxon	Species	*Tobalivirus podosphaerae*	Podosphaera prunicola tobamo-like virus	KY420046
New taxon	Species	*Tobalivirus ibericum*	Plasmopara viticola lesion associated tobamo-like virus 1	MN565665
New taxon	Species	*Tobalivirus uromyci*	Uromyces fabae virus	OQ995224

2025.009F.Ac.v3.Potyliviridae_newfam

Title: Create new family *"Potyliviridae"* in the order *Patatavirales*

Authors: Nina Aboughanem-Sabanadzovic, Massimo Turina, Mart Krupovic, Jens H Kuhn, Sead Sabanadzovic

Summary:
Taxonomic rank(s) affected: Order

Description of current taxonomy:
Order *Patatavirales* currently includes a single family, *Potyviridae* (13 genera; 259 species).

Proposed taxonomic change(s):
To create a second family in the order *Patatavirales,* with proposed name *"Potyliviridae"* comprising one new genus *("Potylivirus")* to classify two new species.

Justification:
Creation of a new family *"Potyliviridae"* comprising a new genus *"Potylivirus"* with two species is proposed to classify recently discovered group of viruses with monocistronic (+)RNA genomes of ≈7.5-8.0 kb in length. Members of the *"Potyliviridae"* are distantly related to members of the family *Potyviridae,* in particular to viruses belonging to the genus *Potyvirus.* The creation of a new family is strongly supported by phylogenetic analyses.

Submitted: 25/06/2025; *Revised:* 30/08/2025

TABLE 12 - *Potyliviridae*, 4 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Family	*Potyliviridae*		
New taxon	Genus	*Potylivirus*		
New taxon	Species	*Potylivirus italicum*	Plasmopara viticola lesion associated poty-like virus 1	MN551108
New taxon	Species	*Potylivirus uromyci*	Uromyces potyvirus A	MK231047

2025.010F.Uc.v3.Chlorovirus_3ngen_16nsp_2mergesp

Title: Creation of 3 new subgenera and 16 new species within the genus *Chlorovirus (Phycodnaviridae)* to position and name chloroviruses isolates

Authors: Rodrigo A L Rodrigues, João Victor RP Carvalho, Letícia R Henriques, David D Dunigan, James L Van Etten

Summary:
Taxonomic rank(s) affected: The genus *Chlorovirus* includes large DNA viruses capable of replicating in chlorella-like green algae. The chloroviruses have been isolated since the 1980s, found in inland waters worldwide. Genomic and biological data indicate the existence of three groups of chloroviruses.

Description of current taxonomy: Included in the family *Phycodnaviridae,* there are currently six species of chloroviruses. Dozens of isolates have been described over the last years, but a formal proposal to adequately classify these viruses has not yet been made.

Proposed taxonomic change(s): Here, we propose the creation of three subgenera, named *"Alphachlorovirus", "Betachlorovirus",* and *"Gammachlorovirus",* to classify the different groups of chloroviruses. This classification is demarcated by phylogenetic analysis based on the several genes, usually used for phylogenetic reconstructions of giant viruses. Furthermore, based on the nucleotide identity of the whole viral genome (≥94%), we propose the creation of 16 new chlorovirus species and the abolition of two others, which should be merged with other existing species.

Justification: The genus *Chlorovirus* was formally created in 1998. Since then, many chloroviruses have been obtained and characterized. However, limited progress has been made regarding the taxonomy. With dozens of isolates with available genomes, it is clear that there are three large groups of chloroviruses that must be properly classified. Furthermore, with many isolates, we can now advance the taxonomy of these viruses and establish new species. This will guide the group's taxonomy, hoping that new viruses can emerge and be properly classified.

Submitted: 20/06/2025; *Revised:* 01/11/2025

TABLE 13 - *Chlorovirus*, 19 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Subgenus	*Alphachlorovirus*		
New taxon	Species	*Chlorovirus primosyngense*	only-Syngen Nebraska virus	KX857749
New taxon	Species	*Chlorovirus alphanebraskense*	chlorovirus N-NE-4	PP681873
New taxon	Species	*Chlorovirus syngense*	chlorovirus O-NE-18	PP681894
New taxon	Species	*Chlorovirus alphaalkalinus*	chlorovirus O-NE-11	PP681887
New taxon	Species	*Chlorovirus alphagardense*	chlorovirus O-NE-13	PP681889
New taxon	Subgenus	*Betachlorovirus*		
New taxon	Species	*Chlorovirus longinquus*	Paramecium bursaria Chlorella virus NE-JV-1	JX997176

New taxon	Species	*Chlorovirus betanebraskense*	Paramecium bursaria Chlorella virus CZ-2	JX997166
New taxon	Subgenus	*Gammachlorovirus*		
New taxon	Species	*Chlorovirus novaeterrae*	Acanthocystis turfacea Chlorella virus Br0604L	JX997155
New taxon	Species	*Chlorovirus guatemalense*	Acanthocystis turfacea Chlorella virus GM0701.1	JX997168
New taxon	Species	*Chlorovirus gammanebraskense*	Acanthocystis turfacea Chlorella virus NTS-1	JX997180
New taxon	Species	*Chlorovirus arcticum*	chlorovirus GNLD-22	PQ067566
New taxon	Species	*Chlorovirus solusgardense*	chlorovirus S-NE-20	PQ067562
New taxon	Species	*Chlorovirus gammagardense*	chlorovirus S-NE-18	PQ067560
New taxon	Species	*Chlorovirus multilacus*	Acanthocystis turfacea Chlorella virus Canal-1	JX997158
New taxon	Species	*Chlorovirus insulalacus*	chlorovirus S-NE-11	PQ067554
New taxon	Species	*Chlorovirus minnesotense*	Acanthocystis turfacea Chlorella virus MN0810.1	JX997174

TABLE 14 - *Chlorovirus*, 4 move; rename taxa*

Operation	Rank	New taxon name	New parent taxon	Old parent taxon	Old taxon name
Move; rename taxon	Species	*Chlorovirus vanettense*	*Alphachlorovirus*	*Chlorovirus*	*Chlorovirus vanettense*
Move; rename taxon	Species	*Chlorovirus americanus*	*Alphachlorovirus*	*Chlorovirus*	*Chlorovirus americanus*
Move; rename taxon	Species	*Chlorovirus conductrix*	*Betachlorovirus*	*Chlorovirus*	*Chlorovirus conductrix*
Move; rename taxon	Species	*Chlorovirus heliozoae*	*Gammachlorovirus*	*Chlorovirus*	*Chlorovirus heliozoae*

TABLE 15 - *Chlorovirus*, 1 merge taxa*

Operation	Rank	Old taxon 1	Old taxon 2	Merged taxon
Merge taxa	Species	Chlorovirus illinoense	Chlorovirus newyorkense	Chlorovirus vanettense

2025.011F.A.v2.Imitervirales_newtaxa

Title: Create 2 suborders, 4 genera and 9 species within the order *Imitervirales*

Authors: Victoria F Queiroz, Frank O Aylward, Jônatas S Abrahão, Corina Brussaard, Matthias Fischer, Rohit Ghai, Mohammad Moniruzzaman, Hiroyuki Ogata, Frederik Schulz, Curtis Suttle

Summary:
Taxonomic rank(s) affected:
Order, Suborder, genus and species.

Description of current taxonomy:
The *Imitervirales* order currently comprises 4 families, 3 subfamilies, 14 genera and 22 species (proposal #2022.004F).

Proposed taxonomic change(s):
Here, we propose to create 4 new genera and 9 new species following the currently valid demarcation criteria, and create 2 suborders to accommodate the existing viral families of the *order Imitervirales.*

Justification:
A new knowledge generated in the past few years require updates in the taxonomy of the order *Imitervirales* by adding new isolates and representatives that had not been previously classified. In order to accurately depict the novel knowledge, we propose to reorganize the order by creating 2 suborders, 4 genera and 9 new species to classify new viruses in this order.

Submitted: —; *Revised: —*

TABLE 16 - *Imitervirales*, 43 move taxa*. Table too large, see supplementary information sheet supp_info_tab_16

TABLE 17 - *Imitervirales*, 15 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Suborder	*Orthomivirineae*		
New taxon	Genus	*Catovirus*		
New taxon	Species	*Catovirus klosterense*	Catovirus naegleriensis	OZ003748
New taxon	Species	*Moumouvirus maliense*	Moumouvirus maliensis; Borely moumouvirus	MK978772; MN175499
New taxon	Species	*Moumouvirus lavasanguinense*	Moumouvirus lavasanguinem	LC813553
New taxon	Species	*Megavirus caiporense*	Megavirus caiporense	OP925046
New taxon	Suborder	*Paramivirineae*		
New taxon	Genus	*Budvirus*		
New taxon	Species	*Budvirus rimovense*	Budvirus	OY749542
New taxon	Genus	*Punuivirus*		
New taxon	Species	*Punuivirus latens*	Punuivirus	PV354230
New taxon	Species	*Tethysvirus bergenense*	Prymnesium kappa virus	PV100844
New taxon	Species	*Tethysvirus norvegense*	Haptolina ericina virus	PV100843
New taxon	Genus	*Criusvirus*		
New taxon	Species	*Criusvirus kaneoense*	Florenciella sp. virus	PP542043

2025.012F.Uc.v3.Hypofuvirales_neworder

Title: Reclassifying families *Hypo-* and *Fusariviridae* into a new order *"Hypofuvirales" (Stelpaviricetes: Pisuviricota)* and their reorganization

Authors: Massimo Turina, Sotaro Chiba, Leonardo Velasco, Maria A. Ayllón, Nobuhiro Suzuki, Shin-Yi Lee-Marzano, Liying Sun, Sead Sabanadzovic

Summary:
Taxonomic rank(s) affected:
Species, Genus, Family, Order, Class

Description of current taxonomy:
Currently, families *Hypoviridae* and *Fusariviridae* are members of the *order Durnavirales* in the *class Duplopiviricetes* in the phylum *Pisuviricota.* Such assignment was based on a previous "megataxonomy" analysis that associated viruses in the family Hypoviridae with members of the

order *Durnavirales, yet* with rather poor statistical support.

Proposed taxonomic change(s):
We propose to move the families *Hypoviridae* and *Fusariviridae* to a newly created order *"Hypofuvirales"* in the *Stelpaviricetes* class. Additionally, we propose to create a new family *"Parahypoviridae"* to move current genus *Betahypovirus.* We also propose to create a new genus *"Iotahypovirus"* in the family *Hypoviridae* and a new genus *"Deltafusarivirus"* in the *Fusariviridae.* Finally, we propose creation of 51 new species to be classified in these three families, of which 27 in the family *Hypoviridae,* 5 in the newly *proposed "Parahypoviridae"* and 19 in *the Fusariviridae.*

Justification:
The original classification of the two families, *Hypoviridae* and *Fusariviridae, (Duplopiviricetes; Durnavirales)* was not well supported. A newly performed phylogenetic analysis performed on RdRPs of members of the currently recognized classes in the phylum *Pisuviricota* shows strong support for the reclassification of the two families in the class *Stelpaviricetes* and justifying creation of a new order to accommodate both families (and another newly created *"Parahypoviridae",* proposed here) to recognize their distinction from members of orders *Stellavirales* and *Patatavirales.* Also, importantly, there is a basic difference between members of the *Hypoviridae* (which are infectious as ssRNA) and members of the *Durnavirales* (which are mostly confirmed dsRNA viruses and are not infectious as ssRNA).

Submitted: 20/06/2025; *Revised:* 29/10/2025

TABLE 18 - *Hypofuvirales*, 55 new taxa*. Table too large, see supplementary information sheet supp_info_tab_18

TABLE 19 - *Hypofuvirales*, 3 move taxa*

Operation	Rank	Taxon name	New parent taxon	Old parent taxon
Move taxon	Family	*Fusariviridae*	*Stelpaviricetes*	*Duplopiviricetes*
Move taxon	Family	*Hypoviridae*	*Stelpaviricetes*	*Duplopiviricetes*
Move taxon	Genus	*Betahypovirus*	*Stelpaviricetes*	*Duplopiviricetes*

2025.013F.Uc.v3.Botourmiaviridae_reorgan

Title: Botourmiaviridae reorganization

Authors: María A. Ayllón, Livia Donaire, Massimo Turina, Luca Nerva, Shin-Yi Marzano, Jiatao Xie, Daohong Jiang, Sead Sabanadzovic

Summary:
Taxonomic rank(s) affected:
Genus, Family, Order

Description of current taxonomy:
The family *Botourmiaviridae* is currently the only family in the order *Ourlivirales.* It includes twelve genera with 159 species: *Ourmiavirus, Botoulivirus, Betabotoulivirus, Magoulivirus, Scleroulivirus, Betascleroulivirus, Betascleroulivirus, Gammascleroulivirus, Epsilonscleroulivirus, Rhizoulivirus, Betarhizoulivirus, and Penoulivirus.*

Proposed taxonomic change(s):
We propose to reorganize current family *Botourmiaviridae by* creating additional two new families *"Ourmiaviridae" and "Rhizouliviridae"* in the order *Ourlivirales* by to better reflect phylogenetic

relationships among members of this order of (+)RNA viruses.

Justification: Results of updated phylogenetic analyses of the RNA dependent RNA polymerases (RdRPs) of viruses belonging to the family *Botourmiaviridae* and newly characterized, related and yet unclassified, viruses showed three main clades supported by high bootstrap values. One group includes ten genera currently classified in the family *Botourmiaviridae,* second clade is composed of the two genera *(Rhizoulivirus* and *Betarhizoulivirus)* of viruses exclusively reported from the basidiomycetous *hosts,* while the third comprises members of the three plant-infecting members of a current *genus Ourmiavirus* along *with* several recently sequenced closely related *viruses.* The three well-supported clades are proposed to represent three families in the order *Ourlivirales.*

Submitted: 06/10/2025; *Revised:* 31/10/2025

TABLE 20 - *Botourmiaviridae*, 36 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Family	*Rhizouliviridae*		
New taxon	Family	*Ourmiaviridae*		
New taxon	Genus	*Alphaourmiavirus*		
New taxon	Species	*Alphaourmiavirus crustaceae*	Wenling narna-like virus 1	KX883607
New taxon	Species	*Alphaourmiavirus fluminis*	ripasyc virus	PP173676
New taxon	Species	*Alphaourmiavirus octopi*	Beihai narna-like virus 4	KX883508
New taxon	Species	*Alphaourmiavirus penaeus*	Wenzhou narna-like virus 2	KX883549
New taxon	Genus	*Betaourmiavirus*		
New taxon	Species	*Betaourmiavirus fluminis*	ripablyj virus	PP172563
New taxon	Species	*Betaourmiavirus mollusci*	Hubei narna-like virus 2	KX883578
New taxon	Species	*Betaourmiavirus conchyli*	Beihai narna-like virus 1	KX883515
New taxon	Genus	*Gammaourmiavirus*		
New taxon	Species	*Gammaourmiavirus conchyli*	Beihai narna-like virus 2	KX883512
New taxon	Genus	*Deltaourmiavirus*		
New taxon	Species	*Deltaourmiavirus fluminis*	ripazant virus	PP172404
New taxon	Genus	*Epsilonourmiavirus*		
New taxon	Species	*Epsilonourmiavirus striata*	Kummerowia striata ourmiavirus 1	MN831445
New taxon	Species	*Epsilonourmiavirus lespedezae*	Kummerowia striata ourmiavirus 2	MN831446
New taxon	Species	*Epsilonourmiavirus croci*	saffron associated botourmia-like virus	BK067260
New taxon	Genus	*Zetaourmiavirus*		
New taxon	Species	*Zetaourmiavirus culex*	Serbia narna-like virus 3	MT822185
New taxon	Species	*Zetaourmiavirus insecti*	Laodelphax striatellus narna-like virus 1	LC851054
New taxon	Genus	*Etaourmiavirus*		
New taxon	Species	*Etaourmiavirus humi*	chrocasust virus	PP172054
New taxon	Species	*Etaourmiavirus agri*	chrocaniss virus	PP171944
New taxon	Genus	*Thetaourmiavirus*		
New taxon	Species	*Thetaourmiavirus pasti*	Sopadaq virus	PP174063
New taxon	Species	*Thetaourmiavirus fluminis*	ripabruz virus	PP172646
New taxon	Species	*Thetaourmiavirus terrae*	sonajac virus	PP173876
New taxon	Species	*Thetaourmiavirus agri*	chrocapent virus	PP171969
New taxon	Genus	*Iotaourmiavirus*		
New taxon	Species	*Iotaourmiavirus agri*	chrocafask virus	PP171834

New taxon	Species	*Iotaourmiavirus mollusci*	chrocabim virus	PP171760
New taxon	Species	*Iotaourmiavirus fluminis*	flumine botourmiavirus 3	OM953858
New taxon	Genus	*Kappaourmiavirus*		
New taxon	Species	*Kappaourmiavirus terrae*	sonatrut virus	PP173830

TABLE 21 - *Botourmiaviridae*, 3 move taxa*

Operation	Rank	Taxon name	New parent taxon	Old parent taxon
Move taxon	Genus	*Rhizoulivirus*	*Rhizouliviridae*	*Botourmiaviridae*
Move taxon	Genus	*Betarhizoulivirus*	*Rhizouliviridae*	*Botourmiaviridae*
Move taxon	Genus	*Ourmiavirus*	*Ourmiaviridae*	*Botourmiaviridae*