

Summary of taxonomy changes ratified by the International Committee on Taxonomy of Viruses (ICTV) from the Animal dsRNA and ssRNA- viruses Subcommittee, 2024

Main Text

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2024.001M.A.v1.Alpharhabdovirinae_1ng_11nsp

Title: In the subfamily *Alpharhabdovirinae*, create 9 new species in 6 existing genera (*Alphapaprhavirus*, *Sigmavirus*, *Merhavirus*, *Tupavirus*, *Alphanemrhavirus*, *Alpharicinrhavirus*), rename the existing genus *Thriprhavirus* (as *Alphathriprhavirus*), and create the new genus *Betathriprhavirus* including two new species (*Mononegavirales: Rhabdoviridae*)

Authors: Walker PJ (peter.walker@uq.edu.au), Bejerman N, Blasdell KR, Debat H, Dietzgen RG, Fooks AR, Freitas-Astúa J, Ramos-González PL, Kondo H, Kurath G, Shi M, Tesh RB, Tordo N, Vasilakis N, Whitfield AE

Summary:Taxonomic rank(s) affected:

Genus and species (*Mononegavirales: Rhabdoviridae: Alpharhabdovirinae*)

Description of current taxonomy:

The subfamily *Alpharhabdovirinae* currently comprises 33 genera and 235 species.

Proposed taxonomic change(s):

Create 9 new species in 6 existing genera (*Alphapaprhavirus*, *Sigmavirus*, *Merhavirus*, *Tupavirus*, *Alphanemrhavirus* and *Alpharicinrhavirus*) for viruses recently detected in bats, shrew or various invertebrates by metagenomic sequencing. Rename the existing genus *Thriprhavirus* (as *Alphathriprhavirus*) and create a new genus *Betathriprhavirus* including 2 new species for viruses detected in thrips by metagenomic sequencing.

Justification:

The viruses cluster phylogenetically with others in the existing or proposed genera in ML trees inferred using L protein sequences. All new species in existing genera meet established demarcation criteria. The proposed renamed and new genera for viruses detected in thrips are well-separated phylogenetically.

Submitted: 09/06/2024; Revised: -

TABLE 1 - Alparhabdovirinae, 12 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	genus	<i>Betathriprhavirus</i>		
New taxon	species	<i>Betathriprhavirus variabilis</i>	soybean thrips rhabdo-like virus 1	MT224147
New taxon	species	<i>Betathriprhavirus midwest</i>	soybean thrips rhabdo-like virus 2	MT224148
New taxon	species	<i>Alphapaprhavirus gata</i>	Gata virus	KX852388
New taxon	species	<i>Alphapaprhavirus orgi</i>	Orgi virus	KX852386
New taxon	species	<i>Sigmavirus hangzhou</i>	Hangzhou rhabdovirus 4	MZ209737
New taxon	species	<i>Sigmavirus dorsalis</i>	Bactrocera dorsalis sigmavirus	MN745080
New taxon	species	<i>Tupavirus wufeng</i>	Wufeng bat tupavirus 2	OQ715690
New taxon	species	<i>Alpharicinrhavirus heilongjiang</i>	Tahe rhabdovirus 2	ON408171
New taxon	species	<i>Merhavirus subalbatus</i>	Armigeres subalbatus rhabdovirus	LC775065
New taxon	species	<i>Merhavirus cambodia</i>	Cambodia Anophales rhabdovirus	OR479699
New taxon	species	<i>Alphanemrhavirus wufeng</i>	Wufeng shrew rhabdovirus 1	OQ715689

TABLE 2 - Alparhabdovirinae, 1 rename taxon*

Operation	Rank	New taxon name	Previous taxon name
Rename taxon	genus	<i>Alphathriprhavirus</i>	<i>Thriprhavirus</i>

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-%20ssRNA%20\(M\)%20proposals/2024.001M.A.v1.Alparhabdovirinae_1ng_11nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-%20ssRNA%20(M)%20proposals/2024.001M.A.v1.Alparhabdovirinae_1ng_11nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-%20ssRNA%20\(M\)%20proposals/2024.001M.A.v1.Alparhabdovirinae_1ng_11nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-%20ssRNA%20(M)%20proposals/2024.001M.A.v1.Alparhabdovirinae_1ng_11nsp.xlsx)

2024.002M.A.v1.Antennavirus_1nsp

Title: Create one new species in genus *Antennavirus* (*Hareavirales*; *Arenaviridae*)

Authors: Grimwood RG (rebecca.grimwood@postgrad.otago.ac.nz), Geoghegan JL, Kuhn JH

Summary:

Taxonomic rank(s) affected: *Hareavirales*: *Arenaviridae*: *Antennavirus*

Description of current taxonomy: There are currently three recognised species in the *Antennavirus* genus.

Proposed taxonomic change(s): Establishment of one new species in genus *Antennavirus* for Ross Sea rockcod virus, identified in a scaly rockcod (*Trematomus loennbergii* Regan, 1913) and a slender scalyhead (*Trematomus lepidorhinus* (Paul Pappenheim, 1911)) from the Ross Sea, Antarctica.

Justification: Divergence of the coding-complete genome sequence of Ross Sea rockcod virus meets the established species demarcation criteria for genus *Antennavirus*.

Submitted: 06/06/2024; Revised: -

TABLE 3 - Antennavirus, 1 new taxon*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Antennavirus trematomi</i>	Ross Sea rockcod virus	L: PP590693; S: PP590768; NP: PP590769

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.002M.A.v1.Antennavirus_1nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.002M.A.v1.Antennavirus_1nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.002M.A.v1.Antennavirus_1nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.002M.A.v1.Antennavirus_1nsp.xlsx)

2024.003M.A.v1.Artoviridae_4nsp

Title: Create two new species in genus *Peropuvirus* and two new species in genus *Hexartovirus* (*Mononegavirales: Artoviridae*)

Authors: Økland, AL (arnfinn.lodden.okland@zoetis.com), Kuhn, J, Ye, G, Vasilakis, N

Summary: Taxonomic rank(s) affected:

Species

Description of current taxonomy:

The family *Artoviridae* currently includes two genera, *Hexartovirus* (2 species) and *Peropuvirus* (7 species).

Proposed taxonomic change(s):

Create two new species in genus *Hexartovirus* and two new species in genus *Peropuvirus*.

Justification:

The viruses proposed to be assigned to novel species have a minimum amino acid divergence of 44 % in their L proteins compared to classified family members and occupy different ecological niches.

Submitted: 21/06/2024; *Revised:* -

TABLE 4 - Artoviridae , 4 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Peropuvirus pteropi</i>	bat faecal associated arto-like virus 2	ON872573
New taxon	species	<i>Peropuvirus wufengense</i>	Wūfēng shrew peropuvirus 1	OQ715590
New taxon	species	<i>Hexartovirus caligi</i>	Caligus clemensi hexartovirus 1	MZ484467
New taxon	species	<i>Hexartovirus artemiae</i>	brine shrimp artovirus 1	OL472418

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.003M.A.v1.Artoviridae_4nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.003M.A.v1.Artoviridae_4nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.003M.A.v1.Artoviridae_4nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.003M.A.v1.Artoviridae_4nsp.xlsx)

2024.004M.A.v2.Bornaviridae_3nsp

Title: Create three new species in family *Bornaviridae* (*Mononegavirales*)

Authors: Briese T, Dürrwald R, Horie M, Hyndman TH, Jiménez-Clavero MA, Kuhn JH, Nowotny N, Pfaff F (florian.pfaff@fli.de), Rubbenstroth D, Tomonaga K

Summary:

Taxonomic rank(s) affected:

Genus (*Cultervirus*, *Orthobornavirus*)

Description of current taxonomy:

Riboviria: Orthornavirae: Negarnaviricota: Haploviricotina: Monjiviricetes: Mononegavirales: Bornaviridae: Cultervirus (three species) and *Orthobornavirus* (nine species).

Proposed taxonomic change(s):

Add two (2) new species to genus *Cultervirus* (*Cultervirus harpadoni*, *Cultervirus poeciliae*) and add one (1) new species to genus *Orthobornavirus* (*Orthobornavirus iridiscincum*).

Justification:

The proposed new species are based on newly released genome sequences in GenBank that meet the current bornavirid species demarcation criteria.

Submitted: 21/06/2024; Revised: 20/09/2024

TABLE 5 - Bornaviridae, 3 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Cultervirus poeciliae</i>	Pará molly bornavirus	BK063657
New taxon	species	<i>Cultervirus harpadoni</i>	Bombay duck fish bornavirus	BK063658
New taxon	species	<i>Orthobornavirus iridiscincum</i>	Carlta munda bornavirus	PP711183

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20\(M\)%20proposals/2024.004M.A.v2.Bornaviridae_3nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20(M)%20proposals/2024.004M.A.v2.Bornaviridae_3nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20\(M\)%20proposals/2024.004M.A.v2.Bornaviridae_3nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20(M)%20proposals/2024.004M.A.v2.Bornaviridae_3nsp.xlsx)

2024.005M.A.v2.Cardoreovirus_1nsp

Title: Create one new species in the genus *Cardoreovirus* (*Reovirales: Sedoreoviridae*)

Authors: Zhao M (mzhao@rvc.ac.uk), Schott E (schott@umces.edu), Tavares

Summary:

Taxonomic rank(s) affected:

Cardoreovirus genus

Description of current taxonomy:

The genus *Cardoreovirus* currently has only one species of *Cardoreovirus eriocheiris* whose exemplar member is *Eirocheir sinensis reovirus* (EsRV).

Proposed taxonomic change(s):

A new species (*Cardoreovirus callinectes*) belonging to the *Cardoreovirus* genus should be established.

Justification:

The exemplar virus (*Callinectes sapidus reovirus 2*, CsRV2) of the proposed new species – *Cardoreovirus callinectes* – exhibits amino acid sequence similarities ranging from 46% to 79% for segments 1-12 compared to EsRV in the established species - *Cardoreovirus eriocheiris*. The maximum likelihood phylogenetic tree indicates that CsRV2 falls on a different branch but within the same clade as EsRV, suggesting that a new species should be classified within the *Cardoreovirus* genus.

Submitted: 14/06/2024; Revised: -

TABLE 6 - Cardoreovirus, 1 new taxon*

Operation	Rank	New taxon name	Exemplar	Accession
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New taxon	species	<i>Cardoreovirus callinectes</i>	Callinectes sapidus reovirus 2	MW208677 - MW208688
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*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.005M.A.v2.Cardoreovirus_1nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.005M.A.v2.Cardoreovirus_1nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.005M.A.v2.Cardoreovirus_1nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.005M.A.v2.Cardoreovirus_1nsp.xlsx)

2024.006M.A.v1.Deltarhabdovirinae_4nsp

Title: In the subfamily *Deltarhabdovirinae*, create 1 new species in the genus *Stangrhavirus*, 1 new species in the genus *Primrhavirus*, and 2 new species in the genus *Alphahymrhavirus*

Authors: Walker PJ (peter.walker@uq.edu.au), Bejerman N, Blasdell KR, Debat H, Dietzgen RG, Fooks AR, Freitas-Astúa J, Ramos-González PL, Kondo H, Kurath G, Shi M, Tesh RB, Tordo N, Vasilakis N, Whitfield AE

Summary: Taxonomic rank(s) affected:

Species (*Mononegavirales*: *Rhabdoviridae*: *Deltarhabdovirinae*)

Description of current taxonomy:

The subfamily *Deltarhabdovirinae* currently comprises 11 genera including 34 species for viruses detected in various invertebrates (arthropods, nematodes and crustaceans).

Proposed taxonomic change(s):

Create 4 new species in the subfamily *Deltarhabdovirinae*, 1 in the genus *Stangrhavirus* for a virus detected in mosquitoes, 1 in the genus *Primrhavirus* for a virus detected in mosquitoes, and 2 in the genus *Alphahymrhavirus* for aviruses detected in ants and wasps.

Justification:

The viruses cluster phylogenetically with others in the existing genera in ML trees inferred using L protein sequences. All new species meet established demarcation criteria for the genera.

Submitted: 09/06/2024; *Revised:* -

TABLE 7 - *Deltarhabdovirinae*, 4 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Stangrhavirus yunnan</i>	Xiangyun mono-chu-like virus 11	OL700136
New taxon	species	<i>Primrhavirus yunnan</i>	Xiangyun mono-chu-like virus 4	OL700129
New taxon	species	<i>Alphahymrhavirus electrico</i>	electric ant rhabdovirus	OP518027
New taxon	species	<i>Alphahymrhavirus ectemnius</i>	Ectemnius rhabdovirus	BK063699

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.006M.A.v1.Deltarhabdovirinae_4nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.006M.A.v1.Deltarhabdovirinae_4nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.006M.A.v1.Deltarhabdovirinae_4nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.006M.A.v1.Deltarhabdovirinae_4nsp.xlsx)

2024.007M.A.v2.Filoviridae_1nsp

Title: Create one new species in the genus *Dianlovirus* (*Mononegavirales*: *Filoviridae*)

Authors: Kuhn, JH (kuhnjens@mail.nih.gov), Liu, Y, Bao, Y

Summary:

Taxonomic rank(s) affected: Genus (*Dianlovirus*)

Description of current taxonomy: *Riboviria: Orthornavirae: Negarnaviricota: Haploviricotina: Monjiviricetes: Mononegavirales: Filoviridae: Dianlovirus: Dianlovirus menglaense*

Proposed taxonomic change(s): Add one species (*Dianlovirus dehongense*)

Justification: The complete genome sequence of Déhóng virus (DEHV) fulfills the pairwise-sequence-based demarcation criterion for the establishment of a novel species.

Submitted: 21/06/2024; Revised: 17/09/2024

TABLE 8 - Filoviridae, 1 new taxon*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Dianlovirus dehongense</i>	Déhóng virus	OP924273

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.007M.A.v2.Filoviridae_1nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.007M.A.v2.Filoviridae_1nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.007M.A.v2.Filoviridae_1nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.007M.A.v2.Filoviridae_1nsp.xlsx)

2024.008M.A.v2.Lispiviridae_5ngen_11nsp

Title: Create five new genera and eleven new species in the family *Lispiviridae* (*Mononegavirales*)

Authors: Li JM (lijunmin@nbu.edu.cn), Ye GY, Wang F, Ye ZX

Summary:

Taxonomic rank(s) affected:

Mononegaviral family *Lispiviridae*.

Description of current taxonomy:

Currently, the family *Lispiviridae* includes 25 genera and 34 species according to ICTV Master Species List (MSL39.v3).

Proposed taxonomic change(s):

We propose the creation of 5 new genera and 11 new species to be included in mononegaviral family *Lispiviridae*.

Justification:

Genus (and species) demarcation is proposed to be based on coding-complete genome sequence analyses, phylogenetic analyses, and pairwise sequence comparisons similar to established genus/species demarcation criteria for other mononegaviral families.

Submitted: 05/06/2024; Revised: 04/07/2024

TABLE 9 - Lispiviridae, 16 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	genus	<i>Artemvirus</i>		
New taxon	species	<i>Artemvirus bsafialis</i>	brine shrimp arivirus 1	OL472403
New taxon	species	<i>Artemvirus bsasecalis</i>	brine shrimp arivirus 2	OL472404
New taxon	species	<i>Artemvirus bsathalis</i>	brine shrimp arivirus 3	OL472405
New taxon	species	<i>Artemvirus bsafalis</i>	brine shrimp arivirus 4	OL472406
New taxon	species	<i>Artemvirus bsafivalis</i>	brine shrimp arivirus 5	OL472407
New taxon	species	<i>Artemvirus bsasialis</i>	brine shrimp arivirus 6	OL472411

New taxon	species	<i>Artemvirus bsaighalis</i>	brine shrimp arivirus 8	OL472416
New taxon	genus	<i>Canmovirus</i>		
New taxon	species	<i>Canmovirus mahaense</i>	Pedras lispivirus	OQ779241
New taxon	genus	<i>Coronavirus</i>		
New taxon	species	<i>Coronavirus germense</i>	Blattodean arli-related virus OKIAV101	MT153397
New taxon	genus	<i>Robevirus</i>		
New taxon	species	<i>Robevirus hanzense</i>	Hángzhōu lispivirus 1	MZ209712
New taxon	genus	<i>Weflthvirus</i>		
New taxon	species	<i>Weflthvirus itaense</i>	Frankliniella occidentalis associated mononegavirales virus 1	MN714688

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.008M.A.v2.Lispiviridae_5ngen_11nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.008M.A.v2.Lispiviridae_5ngen_11nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.008M.A.v2.Lispiviridae_5ngen_11nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.008M.A.v2.Lispiviridae_5ngen_11nsp.xlsx)

2024.009M.A.v1.Mammarenavirus_1nsp

Title: Create one new species in the genus *Mammarenavirus* (*Hareavirales: Arenaviridae*)

Authors: Shedroff ES, Martin ML, Whitmer SLM (Evk3@cdc.gov), Brignone J, Garcia JB, Sen C, Nazar Y, Fabbri C, Morales-Betoulle M, Mendez JA, Montgomery JM, Morales MA, Klena JD

Summary:

Taxonomic rank(s) affected: *Hareavirales: Arenaviridae: Mammarenavirus*

Description of current taxonomy: Eleven genomes representing four species of American *Mammarenavirus* clade C were present in public records. An additional 13 clade C *Mammarenavirus* genomes were added to public records following the sequencing of mammarenavirus-positive rodent samples collected in Argentina from 1990-2020.

Proposed taxonomic change(s): Establishment of one new species in genus *Mammarenavirus* for a new virus named vello virus, identified following the sequencing of mammarenavirus-positive rodent samples collected in Argentina from 1990-2020.

Justification: Two of the L segment sequences of 13 clade C mammarenavirus genomes identified following the sequencing of mammarenavirus-positive rodent samples collected in Argentina from 1990-2020, meet current demarcation species criteria for genus *Mammarenavirus*. We propose the two isolates described by Shedroff and Martin et al. to represent one new virus named “*vello virus*” and to assign vello virus to a new species, *Mammarenavirus vello*.

Submitted: 24/05/2024; *Revised:* -

TABLE 10 - *Mammarenavirus*, 1 new taxon*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Mammarenavirus vello</i>	Vello virus	L: OR844405; S: OR844394

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.009M.A.v1.Mammarenavirus_1nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.009M.A.v1.Mammarenavirus_1nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.009M.A.v1.Mammarenavirus_1nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.009M.A.v1.Mammarenavirus_1nsp.xlsx)

2024.010M.A.v2.Orthobunyavirus_4nsp

Title: Create four new species in the genus *Orthobunyavirus*, family *Peribunyaviridae*

Authors: de Souza WM (wmde Souza@uky.edu), Calisher C, Carrera JP , Hughes HR, Nunes MRT, Russell B, Tilston-Lunel NL, Venter M , Xia H

Summary:

Taxonomic rank(s) affected: Species

Description of current taxonomy: The *Peribunyaviridae* family comprises 148 viral species, classified into eight genera: *Gryffinivirus* (2 viral species), *Herbevirus* (3 viral species), *Khurdivirus* (1 viral species), *Lakivirus* (1 viral species), *Lambavirus* (1 viral species), *Orthobunyavirus* (134 viral species), *Pacuvirus* (5 viral species), and *Shangavirus* (1 viral species).

Proposed taxonomic change(s): We propose the demarcation of four new species in the genus *Orthobunyavirus*.

Justification: Based on the current demarcation criteria of 96% identity of L protein amino acids marking a new species [1], we have confirmed the previous speciation of 134 species and propose the demarcation of two new species in the genus *Orthobunyavirus* (*Peribunyaviridae*).

Submitted: 11/06/2024; Revised: 12/08/2024

TABLE 11 - *Orthobunyavirus*, 4 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Orthobunyavirus taniyamense</i>	Taniyama virus	S: LC698002; M: LC698003; L: LC698004
New taxon	species	<i>Orthobunyavirus lichuanense</i>	Lichuan virus	S: MT198371; M: MT198372; L: MT198373
New taxon	species	<i>Orthobunyavirus indianense</i>	I612045 virus	S: HM627180; M: HM627181; L: HM627182
New taxon	species	<i>Orthobunyavirus taiense</i>	Tai orthobunyavirus	S: OQ031275; M: OQ031274; L: OQ031273

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20\(M\)%20proposals/2024.010M.A.v2.orthobunyavirus_4nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20(M)%20proposals/2024.010M.A.v2.orthobunyavirus_4nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20\(M\)%20proposals/2024.010M.A.v2.orthobunyavirus_4nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20(M)%20proposals/2024.010M.A.v2.orthobunyavirus_4nsp.xlsx)

2024.011M.A.v1.Orthohantavirus_1nsp

Title: Create one new species in the genus *Orthohantavirus* (*Elliovirales: Hantaviridae*): *Orthohantavirus ozarkense*

Authors: Mull N (nmull@shawnee.edu), Erdin M, Smura T, Sironen T, Forbes KM

Summary: Taxonomic rank(s) affected:

Hantaviridae: Orthohantavirus

Description of current taxonomy:

35 established species

Proposed taxonomic change(s):

Addition of 1 new species

Justification:

Using a coding-complete genome sequence comprising all three genomic segments, we demonstrate that a virus discovered in hispid cotton rats (*Sigmodon hispidus* Say and Ord, 1825) sampled in the Ozark Plateau, Arkansas, USA, Ozark virus (OZAV) is a genetically unique orthohantavirus. We propose a novel orthohantavirus species, *Orthohantavirus ozarkense*, to include OZAV.

Submitted: 12/05/2024; Revised: -

TABLE 12 - *orthohantavirus*, 1 new taxon*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Orthohantavirus ozarkense</i>	Ozark virus	S: PP434897; M: PP434896; L: PP4348921

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.011M.A.v1.orthohantavirus_1nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.011M.A.v1.orthohantavirus_1nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.011M.A.v1.orthohantavirus_1nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.011M.A.v1.orthohantavirus_1nsp.xlsx)

2024.012M.A.v1.Orthohantavirus_1nsp

Title: Create one new species in the genus *Orthohantavirus* (*Elliovirales: Hantaviridae*): *Orthohantavirus sagercreekense*

Authors: Mull N (nmull@shawnee.edu), Erdin M, Letko M, Seifert S, Sironen T, Smura T, Forbes KM

Summary:

Taxonomic rank(s) affected: *Hantaviridae: Orthohantavirus*

Description of current taxonomy: 35 established species

Proposed taxonomic change(s): Addition of 1 new species

Justification: Using a coding-complete genome sequence comprising all three genomic segments, we demonstrate that a virus discovered in prairie voles (*Microtus (Pedomys) ochrogaster* (Wagner, 1842)) sampled in the Ozark Plateau, Arkansas, USA, Sager Creek virus (SACRV) is a genetically unique orthohantavirus. We propose a novel orthohantavirus species, *Orthohantavirus sagercreekense*, to include SACRV.

Submitted: 12/05/2024; Revised: -

TABLE 13 - *Orthohantavirus*, 1 new taxon*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Orthohantavirus sagercreekense</i>	Sager Creek virus	S: PP905729; M: PP905731; L: PP905726

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.012M.A.v1.orthohantavirus_1nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.012M.A.v1.orthohantavirus_1nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.012M.A.v1.orthohantavirus_1nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.012M.A.v1.orthohantavirus_1nsp.xlsx)

2024.013M.A.v1.Phasmaviridae_4nsp_3ab_2rn

Title: Create four new species, abolish two species, and rename two species in the family *Phasmaviridae*

Authors: Ballinger MJ (ballinger@biology.msstate.edu), Junglen S, De Coninck L

Summary:

Taxonomic rank(s) affected:

Species

Description of current taxonomy:

The family *Phasmaviridae* includes 29 species organized across seven genera.

Proposed taxonomic change(s):

Create four new species, abolish three species established previously, and rename two species established previously.

Justification:

Coding-complete virus genome sequences are available to justify creation of four new species. Each exhibits 95% L protein amino acid sequence identity to other exemplar viruses in the family *Phasmaviridae*. Three species were previously established in error due to an oversight; the available genomes are not coding-complete. Two previously established species epithets erroneously referred to places and are renamed here using appropriate suffixes.

Submitted: 06/06/2024; Revised: -

TABLE 14 - *Phasmaviridae*, 4 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Jonvirus spilikinsis</i>	Spilikins virus	MZ202269, MZ202270, MZ202271
New taxon	species	<i>Jonvirus mikadosis</i>	Mikado virus	MZ202272, MZ202273, MZ202274
New taxon	species	<i>Orthophasmavirus obscurae</i>	Drosophila North Esk phasmavirus	OR605709, OR605710, OR605711
New taxon	species	<i>Orthophasmavirus stecellulae</i>	Anopheles stephensi orthophasmavirus	LC775043; LC775044; LC775045

TABLE 15 - *Phasmaviridae*, 3 abolish taxa*

Operation	Rank	Abolished taxon name
Abolish taxon	species	<i>Feravirus hemipterus</i>
Abolish taxon	species	<i>Orthophasmavirus flenense</i>
Abolish taxon	species	<i>Orthophasmavirus coleopterus</i>

TABLE 16 - *Phasmaviridae*, 2 rename taxa*

Operation	Rank	New taxon name	Previous taxon name
Rename taxon	species	<i>Orthophasmavirus miglotalis</i>	<i>Orthophasmavirus miglotasense</i>

Rename taxon	species	<i>Orthophasmavirus barstukorius</i>	<i>Orthophasmavirus barstukasense</i>
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*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20\(M\)%20proposals/2024.013M.A.v1.Phasmaviridae.4nsp_3ab_2rn.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20(M)%20proposals/2024.013M.A.v1.Phasmaviridae.4nsp_3ab_2rn.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20\(M\)%20proposals/2024.013M.A.v1.Phasmaviridae.4nsp_3ab_2rn.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20(M)%20proposals/2024.013M.A.v1.Phasmaviridae.4nsp_3ab_2rn.xlsx)

2024.014M.A.v2.Plathravirus_2ng_30nsp

Title: Rename the existing genus *Plathravirus* (as *Alphaplatrhavirus*) and create 12 new species in the renamed genus, create the new genus *Betaplatrhavirus* including 12 new species, and create the new genus *Gammaplatrhavirus* including 6 new species (*Mononegavirales: Rhabdoviridae*)

Authors: Walker PJ (peter.walker@uq.edu.au), Bejerman N, Blasdell KR, Debat H, Dietzgen RG, Fooks AR, Freitas-Astúa J, Ramos-González PL, Kondo H, Kurath G, Shi M, Tesh RB, Tordo N, Vasilakis N, Whitfield AE

Summary: Taxonomic rank(s) affected:

Genus and species (*Mononegavirales: Rhabdoviridae*)

Description of current taxonomy:

The family *Rhabdoviridae* currently comprises four subfamilies and one additional genus (*Plathravirus*) including 6 species.

Proposed taxonomic change(s):

Rename the existing genus *Plathravirus* (as *Alphaplatrhavirus*) and create 12 new species in the renamed genus, and create two new genera (*Betaplatrhavirus* and *Gammaplatrhavirus*) including 18 new species for viruses detected by metagenomic sequencing in cestode or trematode worms (Platyhelminthes) or in the feces or visceral organs of animals (mammals, fish or crustaceans) that appear to have been infested with worms.

Justification:

The viruses cluster phylogenetically with others in the existing or proposed genera in ML trees inferred using L protein sequences. All new species in existing genera meet established demarcation criteria. The proposed renamed and new genera for viruses are well-separated phylogenetically from each other and from other rhabdoviruses.

Submitted: 09/06/2024; Revised: 24/08/2024

TABLE 17 - *Plathravirus*, 32 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Alphaplatrhavirus dendriticum</i>	Dicrocoelium rhabdo-like virus 2	OP627658
New taxon	species	<i>Alphaplatrhavirus solidus</i>	Schistocephalus solidus rhabdovirus	MN803433
New taxon	species	<i>Alphaplatrhavirus wufeng</i>	Wufeng shrew rhabdovirus 5	OQ715673
New taxon	species	<i>Alphaplatrhavirus smithii</i>	Wufeng shrew rhabdovirus 7	OQ715674
New taxon	species	<i>Alphaplatrhavirus chodsigoa</i>	Wufeng shrew rhabdovirus 8	OQ715683
New taxon	species	<i>Alphaplatrhavirus hubei</i>	Wufeng shrew rhabdovirus 9	OQ715680
New taxon	species	<i>Alphaplatrhavirus jingmen</i>	Jingmen bat rhabdovirus 1	OQ715681
New taxon	species	<i>Alphaplatrhavirus ricketti</i>	Jingmen bat rhabdovirus 2	OQ715691
New taxon	species	<i>Alphaplatrhavirus wenzhou</i>	Wenzhou bat rhabdovirus 1	OQ715676
New taxon	species	<i>Alphaplatrhavirus langier</i>	Wenzhou bat rhabdovirus 3	OQ715675

New taxon	species	<i>Alphaplatrhavirus larvatus</i>	rhabdovirus sp. HLGXC14/3	OR868933
New taxon	species	<i>Alphaplatrhavirus acutispina</i>	Wenling dimarhabdovirus 8	MG600017
New taxon	genus	<i>Betaplatrhavirus</i>		
New taxon	species	<i>Betaplatrhavirus nodulosus</i>	triaenorhabdovirus 2	BK059680
New taxon	species	<i>Betaplatrhavirus psilotrema</i>	psilorhabdovirus 1	BK059745
New taxon	species	<i>Betaplatrhavirus simillimum</i>	psilorhabdovirus 2	BK059746
New taxon	species	<i>Betaplatrhavirus sphaeroidotrema</i>	sphaeridiorhabdovirus 2	BK059663
New taxon	species	<i>Betaplatrhavirus pseudoglobulus</i>	sphaeridiorhabdovirus 3	BK059664
New taxon	species	<i>Betaplatrhavirus himastelon</i>	himastelon rhabdovirus	OR553881
New taxon	species	<i>Betaplatrhavirus beihai</i>	Beihai dimarhabdovirus 1	MG600012
New taxon	species	<i>Betaplatrhavirus wenling</i>	Wenling dimarhabdovirus 1	MG600014
New taxon	species	<i>Betaplatrhavirus fujian</i>	Fujian dimarhabdovirus	MG600015
New taxon	species	<i>Betaplatrhavirus fuscus</i>	Eptesicus fuscus rhabdovirus	MT732687
New taxon	species	<i>Betaplatrhavirus abramus</i>	bat-associated rhabdovirus 2	OR951388
New taxon	species	<i>Betaplatrhavirus armiger</i>	rhabdovirus sp. HAGXC131516/2	OR869044
New taxon	genus	<i>Gammaplatrhavirus</i>		
New taxon	species	<i>Gammaplatrhavirus dendriticum</i>	Dicrocoelium rhabdo-like virus 1	OP548620
New taxon	species	<i>Gammaplatrhavirus orientalis</i>	metorhabdovirus 1	BK059675
New taxon	species	<i>Gammaplatrhavirus sinensis</i>	clonorhabdovirus 1	BK059698
New taxon	species	<i>Gammaplatrhavirus beihai</i>	Beihai barnacle virus 7	KX884411
New taxon	species	<i>Gammaplatrhavirus jilin</i>	barnaclevirus sp.	OR871063
New taxon	species	<i>Gammaplatrhavirus wenzhou</i>	Wenzhou bat rhabdovirus 2	OQ715697

TABLE 18 - *Platrhavirus*, 7 rename taxa*

Operation	Rank	New taxon name	Previous taxon name
Rename taxon	genus	<i>Alphaplatrhavirus</i>	<i>Platrhavirus</i>
Rename taxon	species	<i>Alphaplatrhavirus microphallus</i>	<i>Platrhavirus microphallus</i>
Rename taxon	species	<i>Alphaplatrhavirus nodulosus</i>	<i>Platrhavirus nodulosus</i>
Rename taxon	species	<i>Alphaplatrhavirus orientalis</i>	<i>Platrhavirus orientalis</i>
Rename taxon	species	<i>Alphaplatrhavirus pseudoglobulus</i>	<i>Platrhavirus pseudoglobulus</i>
Rename taxon	species	<i>Alphaplatrhavirus turkestanicum</i>	<i>Platrhavirus turkestanicum</i>
Rename taxon	species	<i>Alphaplatrhavirus vulpes</i>	<i>Platrhavirus vulpes</i>

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.014M.A.v3.Platrhavirus_2ng_30nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.014M.A.v3.Platrhavirus_2ng_30nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.014M.A.v3.Platrhavirus_2ng_30nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.014M.A.v3.Platrhavirus_2ng_30nsp.xlsx)

2024.015M.A.v1.Rotavirus_2nsp

Title: Create two new species (*Rotavirus kappagastroenteritidis*, *Rotavirus lambdagastroenteritidis*) in the genus *Rotavirus* (Family *Sedoreoviridae*)

Authors: Johne R (Reimar.Johne@bfr.bund.de)

Summary:

Taxonomic rank(s) affected:

The genus *Rotavirus*

Description of current taxonomy:

Currently, the 9 different rotavirus species *Rotavirus alphagastroenteritidisto* and *Rotavirus jotagastroenteritidis* (here abbreviated as RVA-RVD and RVF-RVJ) are existing.

Proposed taxonomic change(s):

Two new rotavirus species (*Rotavirus kappagastroenteritidis* and *Rotavirus lambdagastroenteritidis* should be created.

Justification:

Evolutionary analysis of complete coding regions of the RVL genomes using phylogenetic trees indicate a separate branching of all genome segments from that of the established rotavirus species. In addition, the maximum identities of deduced amino acid sequence for VP6 with that of established rotavirus species reference strains are 51% for RVK and 47% for RVL, which are lower than the cut-off value (53%) for definition of new rotavirus species.

Submitted: 14/06/2024; Revised: -

TABLE 19 - *Rotavirus*, 2 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Rotavirus kappagastroenteritidis</i>	rotavirus K	OQ934016- OQ934026
New taxon	species	<i>Rotavirus gastrolambdaenteritidis</i>	rotavirus L	OM101015- OM101025

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.015M.A.v1.Rotavirus_2nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.015M.A.v1.Rotavirus_2nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.015M.A.v1.Rotavirus_2nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.015M.A.v1.Rotavirus_2nsp.xlsx)

2024.016M.A.v1.Sedoreoviridae_1ng_3nsp

Title: Create one new genus (*Crabreovirus*) with three new species

Authors: Zhao M (mzhao@rvc.ac.uk), Schott E (schott@umces.edu)

Summary:

Taxonomic rank(s) affected:

Sedoreoviridae family

Description of current taxonomy:

Sedoreoviridae currently has six genera, including: *Cardoreovirus*, *Mimoreovirus*, *Orbivirus*, *Phytoreovirus*, *Rotavirus*, and *Seadornavirus*.

Proposed taxonomic change(s):

A new genus, named *Crabreovirus*, should be established in the *Sedoreoviridae* family. This new genus should include three new species, including: *Crabreovirus callinectes*, *Crabreovirus scylla* and *Crabreovirus eriocheiris*.

Justification: Three representative viruses of the proposed new *Crabreovirus* genus exhibit less than 20% amino acid sequence identity in VP1 when compared to virus members of other established

genera within *the Sedoreoviridae* family. The maximum likelihood phylogenetic tree shows that viruses in the three proposed new species form a distinct clade from members of other *Sedoreoviridae* genera, yet remain within the same clade with each other. The phylogenetic analysis supports the classification of these three species into a new genus, *Crabreovirus*.

Submitted: 14/06/2024; Revised: -

TABLE 20 - *Sedoreoviridae*, 4 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	genus	<i>Crabreovirus</i>		
New taxon	species	<i>Crabreovirus callinectes</i>	Callinectes sapidus reovirus 1	KU311708 - KU311719
New taxon	species	<i>Crabreovirus scylla</i>	Scylla serrata reovirus SZ-2007	HQ414127 - HQ414138
New taxon	species	<i>Crabreovirus eriocheiris</i>	Eriocheir Sinensis reovirus WX-2012	KP638402 - KP638413

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20\(M\)%20proposals/2024.016M.A.v1.Sedoreoviridae_1ng_3nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20(M)%20proposals/2024.016M.A.v1.Sedoreoviridae_1ng_3nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20\(M\)%20proposals/2024.016M.A.v1.Sedoreoviridae_1ng_3nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-sRNA%20(M)%20proposals/2024.016M.A.v1.Sedoreoviridae_1ng_3nsp.xlsx)

2024.017M.A.v1.Shilevirus_10nsp

Title: Create ten new species in genus *Shilevirus* (*Bunyaviricetes: Hareavirales: Leishbuviridae*)

Authors: Yurchenko, V (Vyacheslav.Yurchenko@osu.cz), Kuhn, JH, Kostygov, AYu

Summary:

Taxonomic rank(s) affected: leishbuvirid genus *Shilevirus*

Description of current taxonomy: 1 species (*Shilevirus leptomonadis*)

Proposed taxonomic change(s): Add 10 new species

Justification: Discovery of novel shileviruses in various hosts from various habitats with sufficient genetic divergence.

Submitted: 21/06/2024; Revised: -

TABLE 21 - *Shilevirus*, 10 new taxa*

Operation	Rank	New taxon name	Exemplar	Accession
New taxon	species	<i>Shilevirus alphablechomonadis</i>	Blechmonas luni leishbunyavirus 1	S: MG967336; M: MG967335; L: MG967334
New taxon	species	<i>Shilevirus betablechomonadis</i>	Blechomonas ayalai leishbunyavirus 1	S: MG967340; M: MG967339; L: MG967338
New taxon	species	<i>Shilevirus puertonapoense</i>	Crithidia abscondita leishbunyavirus	S: KX507299; M: KX50730; L: KX507301
New taxon	species	<i>Shilevirus crithidiaebombi</i>	Crithidia bombi leishbuvirus 1	S: OR146998; M: OR146997; L: OR146996

New taxon	species	<i>Shilevirus otongatchiense</i>	Crithidia otongatchiensis leishbunyavirus	S: KX451144; M: KX683300; L: KX451145
New taxon	species	<i>Shilevirus alphamoraviense</i>	Leptomonas pyrrocoris leishbunyavirus 3	S: OP722879; M: OP722879; L: OP722877
New taxon	species	<i>Shilevirus betamoraviense</i>	Leptomonas pyrrocoris leishbunyavirus 4	S: OP722876; M: OP722875; L: OP722874
New taxon	species	<i>Shilevirus martiniquense</i>	Leishmania martiniquensis leishbunyavirus 1	S: MK356556; M: MK356555; L: MK356554
New taxon	species	<i>Shilevirus moramangoense</i>	Leptomonas moramango leishbunyavirus isolate LepmorLBV1b	S: KX280017; M: KX280016; L: KX280015
New taxon	species	<i>Shilevirus gammablechomonadis</i>	Blechomonas maslovi leishbunyavirus 1	S: MG967344; M: MG967343; L: MG967342

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.017M.A.v1.Shilevirus_10nsp.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.017M.A.v1.Shilevirus_10nsp.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.017M.A.v1.Shilevirus_10nsp.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.017M.A.v1.Shilevirus_10nsp.xlsx)

2024.018M.A.v2.Tosoviridae_move

Title: Move free-floating negarnaviricote family *Tosoviridae* into bunyaviricete order *Hareavirales*

Authors: Kuhn JH, Koonin EV, Krupovic M, Wolf Y (wolf@ncbi.nlm.nih.gov)

Summary:

Taxonomic rank(s) affected: Family (*Tosoviridae*)

Description of current taxonomy: *Riboviria: Orthornavirae: Negarnaviricota: Tosoviridae*

Proposed taxonomic change(s): Move family (*Riboviria: Orthornavirae: Negarnaviricota: Polyploviricotina: Bunyaviricetes: Hareavirales: Tosoviridae*)

Justification: Updated RdRp phylogeny unambiguously groups tosovirids with hareavirals (sister to hareaviral families *Nairoviridae* and *Wupedeviridae*)

Submitted: 21/06/2024; Revised: 16/08/2024

TABLE 22 - *Tosoviridae*, 1 move taxon*

Operation	Rank	Taxon name	Old parent taxon	New parent taxon
Move taxon	family	<i>Tosoviridae</i>	<i>Negarnaviricota</i>	<i>Polyploviricotina</i>

*Source / full text:

[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.018M.A.v2.Tosoviridae_move.docx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.018M.A.v2.Tosoviridae_move.docx)
[https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20\(M\)%20proposals/2024.018M.A.v2.Tosoviridae_move.xlsx](https://ictv.global/system/files/proposals/pending/Animal%20dsRNA%20and%20-ssRNA%20(M)%20proposals/2024.018M.A.v2.Tosoviridae_move.xlsx)