



Changes to virus taxonomy and the ICTV Statutes ratified by the International Committee on Taxonomy of Viruses (2024)

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Abstract

This article reports changes to virus taxonomy and taxon nomenclature that were approved and ratified by the International Committee on Taxonomy of Viruses (ICTV) in April 2024. The entire ICTV membership was invited to vote on 203 taxonomic proposals that had been approved by the ICTV Executive Committee (EC) in July 2023 at the 55th EC meeting in Jena, Germany, or in the second EC vote in November 2023. All proposals were ratified by online vote. Taxonomic additions include one new phylum (*Ambiviricota*), one new class, nine new orders, three new suborders, 51 new families, 18 new subfamilies, 820 new genera, and 3547 new species (excluding taxa that have been abolished). Proposals to complete the process of species name replacement to the binomial (genus + species epithet) format were ratified. Currently, a total of 14,690 virus species have been established.

Introduction

The International Committee on Taxonomy of Viruses (ICTV) follows an annual cycle of taxonomy updating in which proposed changes and additions to virus taxonomy are considered and implemented. The ICTV classification of viruses provides a framework for the taxonomic placement of viruses at ranks from species to realm and furthermore regulates their taxon names and typography. The ICTV Statutes (<https://ictv.global/about/statutes>) describe the process in which taxonomic proposals are submitted to the ICTV Executive Committee (EC) and undergo review with input from the ICTV Study Groups and Subcommittees, other interested virologists, and the EC. After final approval by the EC, proposals are placed on the ICTV website (<https://ictv.global>) for evaluation by the full ICTV membership, which ratifies them by online voting.

Proposal discussion and ratification

The EC of the ICTV held a hybrid meeting in Jena, Germany, on the 2nd - 4th August, 2023. The EC reviewed a total of 202 taxonomy proposals submitted to the seven subcommittees, including streamlined proposals that had been reviewed previously by at least two EC members, and two general proposals. Requested revisions to 13 proposals were reviewed and re-voted on by the EC in November 2023. The 2023 taxonomy proposals that were accepted by the EC were then placed on the ICTV website (<https://ictv.global>) for viewing by the full ICTV membership.

All proposals [1–203] were ratified in a vote held from the 28th March to the 25th April, 2024. A total of 125 out of 180 ICTV members (69%) voted on the proposals. All proposals received either 120 or 121 votes (*i.e.*, 99.2% or 100%) in favour of ratification. A summary of the taxonomy changes enacted by the proposals is provided in Table 1. Each proposal is cited and listed in the References to acknowledge the authors' efforts and to provide links to the specific proposal on the ICTV website. These documents and those

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Table 1 Summary of ratified taxonomic changes in 2024

Rank	MSL.38 total ^a	New	Abolished	Moved	Renamed	MSL.39 total ^b	Net change
Realm	6	0	0	0	0	6	0
Subrealm	0	0	0	0	0	0	0
Kingdom	10	0	0	0	0	10	0
Subkingdom	0	0	0	0	0	0	0
Phylum	17	1	0	0	0	18	+1
Subphylum	2	0	0	0	0	2	0
Class	40	1	0	0	1	41	+1
Subclass	0	0	0	0	0	0	0
Order	72	9	0	0	3	81	+9
Suborder	8	3	0	0	0	11	+3
Family	264	51	−1	12	2	314	+50
Subfamily	182	18	0	1	1	200	+18
Genus	2818	820	−116	58	1	3522	+704
Subgenus	84	0	0	0	0	84	0
Species	11273	3547	−130	407	2884	14690	+3417

^aTotal number of taxa in the ICTV Master Species List (MSL) #38 prior to 2024 ratification^bTotal number of taxa after the 2024 ratification vote (listed in the ICTV MSL #39)

from previous years are permanently available to provide full access to the text and listing of taxonomy changes made in each proposal (<https://ictv.global/files/proposals/approved>).

Principal changes to virus taxonomy

The 2024 round of taxonomy proposals saw the near completion of the mandated change of species names to a binomial format (i.e., genus + species epithet) [204–206]. This accounted for the vast majority of the 2884 species name re-assignments (Table 1).

There were no major reorganisations of or additions to the higher ranks of ICTV taxonomy, with retention of the six originally proposed realms and 10 kingdoms (Table 1). There was, however, the important addition of a new phylum, *Ambiviricota*, to which a large number of mobile genetic elements infecting fungi, previously introduced into the literature as “ambiviruses”, were assigned [209]. These unusual viruses with circular RNA genomes of approximately 5 kb combine features of both typical RNA viruses and viroids. On the one hand, they encode a canonical, albeit highly divergent, RNA-directed RNA polymerase that is homologous to those of other RNA viruses in the realm *Riboviria* [207, 210]. On the other hand, their genomes also possess ribozymes in various combinations in both the sense and antisense orientation, consistent with a rolling-circle mechanism for genome replication found in deltaviruses (family *Kolmioviridae* [208] classified in the realm *Riboviria*) and viroids. The proposal [160] assigns ambiviricots to four different families and 20 species.

At lower ranks, taxonomy proposals considered by subcommittees for animal DNA viruses and retroviruses, animal viruses with dsRNA and -ssRNA genomes, bacterial viruses, and fungal and protist viruses entailed a considerable expansion in the number of virus orders, families, genera, and species within a range of virus groups. This notably included viruses assigned to the *Cressdnaviricota*, a phylum of eukaryotic small DNA viruses (realm *Monodnaviria*), which nearly doubled in terms of the number of included virus families (from 12 to 23); negative-stranded RNA viruses (phylum *Negarnaviricota*); and bacterial and archaeal viruses in the class *Caudoviricetes* that were previously classified into families based on tail morphology and are now being placed into a much larger number of families and orders based on metrics of genome relatedness [211]. So far, this process has led to the establishment of 74 new families and seven orders. In addition, *Ghabrivirales*, an order for dsRNA viruses mainly infecting fungi, underwent a major revision [168].

A general proposal [202] described the organisational changes required to coordinate ICTV meeting and election cycles with those of the International Congresses of Virology (ICV) organized by the International Union of Microbiological Societies (IUMS). Elections to the ICTV EC had previously coincided with the ICV meetings, but the change to a two-year cycle of ICV meetings conflicts with the established three-year plenary sessions and election of the ICTV. Following the ratification of this general proposal, the ICTV will retain its three-year cycle; in the years when it coincides with the ICV meetings, the ICTV plenary meeting will be held in conjunction with the ICV. Otherwise, the plenary meeting will be held online after the EC annual meeting.

Implementation and access

The latest set of proposals approved by the EC was made available on the ICTV website in April 2024 as a single zip file and in a directory of individual files at <https://ictv.global/files/proposals/approved>, indexed by virus group and subcommittee.

Updated versions of the Master Species List (up to version 39), which list all of the currently approved taxa (Table 1), can be accessed on the ICTV website at <https://ictv.global/msl>. A similarly updated version 39 of the Virus Metadata Resource (VMR) is located at <https://ictv.global/vmr>. This resource provides details of exemplar virus isolates for each species including GenBank accession numbers.

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Data availability All Taxonomy Proposals and all other ICTV resources mentioned in this article are freely available at the ICTV website (<https://ictv.global/>).

Declarations

Conflict of interest The authors declare no conflicts of interest.

Ethical approval None of the work reported involved research on human participants or animals. All authors have contributed to this work and agreed to its publication.

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 44. Neriya Y, Tomitaka Y, Di Serio F, Jonson GB, Rubino L, Sasaya T (2023) Create one new species in genus *Mechlorovirus* and three new species in genus *Tenuivirus* (family *Phenuiviridae*, order *Bunyavirales*). https://ictv.global/ictv/proposals/2023.020M.Phenuiviridae_4nsp.zip
 45. Walker PJ (2023) Create twenty-four new species, five new genera, and one new subfamily (*Deltarhabdovirinae; Mononegavirales: Rhabdoviridae*). https://ictv.global/ictv/proposals/2023.021M.Rhabdoviridae_24nsp_5ngen_1nsf.zip
 46. Bejerman N, Debat H, Dietzgen RG, Kondō H, Ramos-González P, Whitfield AE, Walker PJ, Freitas-Astúa J (2023) Create thirty-two new species in the genus *Varicosavirus*, subfamily *Betarhabdovirinae* (*Mononegavirales: Rhabdoviridae*). https://ictv.global/ictv/proposals/2023.022M.Varicosavirus_32nsp.zip
 47. Paraskevopoulou S, Sharpe SR, Feng G (2023) Create ten new genera and eleven new species in the family *Xinmoviridae*, order *Mononegavirales*. https://ictv.global/ictv/proposals/2023.023M.Xinmoviridae_10ng_11nsp.zip
 48. Brown KA, Shi M, Firth AE, Ergünay K, Wolf Y, Kuhn JH, Turina M (2023) Promote order *Bunyavirales* to class and split the class into two orders; add one family, three genera, and seven species; and move and rename one species. <https://ictv.global/ictv/proposals/2023.024M.Bunyaviricetes.zip>
 49. Seuberlich T, Kuhn JH, Schmidt-Posthaus H (2023) Create one new genus including one new species in family *Filoviridae* (*Mononegavirales*). https://ictv.global/ictv/proposals/2023.025M.Filoviridae_1ng_1nsp.zip
 50. Smura TP, Kuhn JH, Hepojoki JM (2023) Create three new genera and six new species in family *Kolmioviridae* (*Ribozviria*). https://ictv.global/ictv/proposals/2023.026M.Kolmioviridae_3ng_6nsp.zip
 51. Sironi M, Kuhn JH, Reuter G, de la Torre C (2023) Create six new species in genus *Mammarenavirus* (*Bunyavirales: Arenaviridae*). https://ictv.global/ictv/proposals/2023.027M.Mammarenavirus_6nsp.zip
 52. Alkhovsky SV, Avšič-Županc T, Bergeron É, Burt F, Ergünay K, Garrison AR, Kuhn JH, Marklewitz M, Mirazimi A, Papa A, Pawęska JT, Postler TS, Spengler JR, Palacios G (2023) Create one new genus and nine new species in family *Nairoviridae* (family *Bunyavirales*). https://ictv.global/ictv/proposals/2023.028M.Nairoviridae_1ng_9nsp.zip
 53. Dietzgen RG, Kuhn JH, Firth AE, Paraskevopoulou S, Vasilakis N (2023) Create 7 new species in the family *Nyamiviridae* (*Mononegavirales*). https://ictv.global/ictv/proposals/2023.029M.Nyamiviridae_7nsp.zip
 54. Kuhn JH (2023) Switch two orthophasmavirus species names (*Bunyavirales: Phasmaviridae*). https://ictv.global/ictv/proposals/2023.030M.Orthophasmavirus_2sp_name_switch.zip
 55. Hughes HR, Alkhovsky S, Beer M, Blair CD, Calisher CH, de Souza WM, Lambert AJ, Nunes MRT, Kuhn JH (2023) Create five new species in genus *Orthobunyavirus* (*Bunyavirales: Peribunyaviridae*), and create one new peribunyavirid genus, *Gryffinivirus*, including two species. https://ictv.global/ictv/proposals/2023.031M.Peribunyaviridae_1ng_7nsp.zip
 56. Kuhn JH (2023) Rename one species in the family to conform with ICTV-mandated binomial format (*Bunyavirales: Phenuiviridae*). https://ictv.global/ictv/proposals/2023.032M.Phlebovirus_1nsp_rename.zip
 57. Postler TS, Kuhn JH (2023) Rename all established species to comply with the newly ICTV-mandated binomial species format (*Reovirales: Sedoviridae*). https://ictv.global/ictv/proposals/2023.033M.Sedoreoviridae_sprenam.zip
 58. Postler TS, Kuhn JH (2023) Rename all established species to comply with the newly ICTV-mandated binomial species format (*Reovirales: Spinoviridae*). https://ictv.global/ictv/proposals/2023.034M.Spinoreoviridae_sprenam.zip

59. Kuhn JH, Bradfute SB, Calisher CH, Klempa B, Klingström J, Laenen L, Palacios G, Schmaljohn CS, Tischler N, Maes P (2023) Reevaluate and reorganize family *Hantaviridae* (order *Bunyavirales*). https://ictv.global/ictv/proposals/2023.035M.Hantaviridae_reorg.zip
60. Katayama K, Vinje J, Esteves P, Estes MK, Green KY, White PA, Martella V, Kimura H, Suzuki Y, Knowles NJ (2023) *Caliciviridae* species name changes and merger of the species *European brown hare syndrome virus* and *Rabbit hemorrhagic disease virus* into the species *Lagovirus europaeus*. https://ictv.global/ictv/proposals/2023.001S.Caliciviridae_12sprenamed.zip
61. Brinton MB, Goldberg, TL, Dunowaka M, Faaberg KS (2023) Rename some species in the family *Arteriviridae* to comply the ICTV-mandated binomial format. https://ictv.global/ictv/proposals/2023.002S.Arteriviridae_7sprenamed.zip
62. Knowles NJ, Benschop KSM, Gorbalenya, AE, Lindberg AM, Oberste MS, Palmenberg AC, Reuter G, Simmonds P, Skern T, Tapparel C, Woo PCY, Zell R (2023) Rename all species in the family to comply the ICTV-mandated binomial format (*Picornavirales: Picornaviridae*). https://ictv.global/ictv/proposals/2023.003S.Picornaviridae_158sprenamed.zip
63. Simmonds P (2023) Rename all species in the family *Astroviridae* to comply the ICTV-mandated binomial format. https://ictv.global/ictv/proposals/2023.004S.Astroviridae_22sprenamed.zip
64. Simmonds P (2023) Rename all species in the families *Alpha-tetraviridae*, *Carmotetraviridae* and *Permutotetraviridae* to comply the ICTV-mandated binomial format. https://ictv.global/ictv/proposals/2023.005S.tetraviridae_13sprenamed.zip
65. Forrester N, Bolling B, Chen R, Coffey L, Merits A, Mukhopadhyay S, Nasar F, Powers A, Weaver SC (2023) Rename some species in the family *Togaviridae* to comply the ICTV-mandated binomial format. https://ictv.global/ictv/proposals/2023.006S.Togaviridae_32sprenamed.zip
66. Chen YP, Valles SM, Firth AE, Zell R (2023) Rename all species in the family to comply with the ICTV-mandated binomial format (*Picornavirales: Solinviridae*). https://ictv.global/ictv/proposals/2023.007S.Solinviridae_2sprenamed.zip
67. Chen YP, Valles SM, Firth AE, Olendraitte I, Zell R (2023) Rename all species in the family to comply with the ICTV-mandated binomial format (*Picornavirales: Polycipiviridae*). https://ictv.global/ictv/proposals/2023.008S.Polycipiviridae_14sprenamed.zip
68. Junglen S, Gorbalenya AE, Hobson-Peters J, Morita K, Sawabe K, Vasilakis N, Ziebuhr J (2023) Rename all species in the family to comply the ICTV-mandated binomial format (*Nidovirales: Mesoniviridae*). https://ictv.global/ictv/proposals/2023.009S.Mesoniviridae_12sprenamed.zip
69. Simmonds P (2023) Rename all species in the family *Nodaviridae* to comply the ICTV-mandated binomial format. https://ictv.global/ictv/proposals/2023.010S.Nodaviridae_9sprenamed.zip
70. Simmonds P (2023) Rename one species in the family *Sarothoviridae* to comply the ICTV-mandated binomial format. https://ictv.global/ictv/proposals/2023.011S.Sarothoviridae_1sprenamed.zip
71. Woo PCY, de Groot RJ, Haagmans B, Lau SKP, Neuman B, Perlman S, Sola I, van der Hoek L, Wong ACP, Yeh SH (2023) Renaming 54 species with binomial names in the family *Coronaviridae*. https://ictv.global/ictv/proposals/2023.012S.Coronaviridae_54sprenamed.zip
72. Lauber C, Gorbalenya AE, Samborskiy D, Brinton M, de Groot R, Junglen S, Neuman BW, Walker P, Ziebuhr J (2023) Rename 27 species in 10 families in the order *Nidovirales* to comply with the ICTV-mandated binomial format. https://ictv.global/ictv/proposals/2023.013S.Nidovirales_27sprenamed.zip
73. Sullivan DS, Vernygora O, Nielsen O, Burek-Huntington K, Rouse N, Popov VL, Lung O (2023) Create one new species in the genus *Senecavirus* (*Picornavirales: Picornaviridae*). https://ictv.global/ictv/proposals/2023.014S.Senecavirus_1nsf.zip
74. Krupovic M, Kuhn JH, Mochizuki T, Stedman K, Dyall-Smith M, Huang L, Rhee S-K, Young MJ, Postler TS, Oksanen HM (2023) Rename 111 archaeal virus species to adhere to the Latinized binomial format. https://ictv.global/ictv/proposals/2023.001A.Archaeal_binomials.zip
75. Medvedeva S, Borrel G, Krupovic M, Gribaldo S (2023) Create 5 new families for classification of viruses infecting methanogenic archaea found in gut environment. https://ictv.global/ictv/proposals/2023.002A.Caudoviricetes_5nsf.zip
76. Muscatt G, Kuhn JH, Millard A, Bending GD, Jameson E (2023) Create 418 new genera and 1,706 new species in the class *Leviviricetes*, move and rename 375 species, and abolish 114 genera and 48 species. https://ictv.global/ictv/proposals/2023.001B.Leviviricetes_reorg.zip
77. Kurtböke I, Turner D, Moraru C, Tolstoy I, Adriaenssens EM, Kropinski AM (2023) To resolve the Actinobacteriophage database cluster FE into five (5) genera [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.002B.Actinobacteriophage_Database_Cluster_FE_1nsf_5ng.zip
78. Kurtböke I, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create twenty-five (25) new Actinobacteriophage genera [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.003B.Actinobacteriophage_singletons_25ng.zip
79. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create a genus *Ahotrevirus* with a single species [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.004B.Ahotrevirus_ng.zip
80. Skorynina AV, Koposova ON, Kazantseva OA, Pilgrimova EG, Shadrin AM (2023) Assign two new species, *Andromedavirus novomoskovsk* and *Andromedavirus bolokhovo*, to the genus *Andromedavirus*, class *Caudoviricetes*. https://ictv.global/ictv/proposals/2023.005B.Andromedavirus_new_species.zip
81. Cebeci A, Türe M, Alemdağ M, Altınok I (2023) Create a new genus (*Aquaneticvirus*) with one species in the class *Caudoviricetes*. https://ictv.global/ictv/proposals/2023.006B.Aquaneticvirus_ng.zip
82. Shareefdeen H, Buttner C, Denise R, Kropinski A, Turner D, Draper L-A, Ross R-P, Hill C (2023) To create a new genus, *Aquingentivirus*, in the class *Caudoviricetes* containing seven new species. https://ictv.global/ictv/proposals/2023.007B.Aquingentivirus_ng.zip
83. Serwer P, Barylski J, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create two single-species genera, *Athenavirus* and *Theosmithvirus* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.008B.Athenavirus_Theosmithvirus_2ng.zip
84. Kurtböke I, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create a single species genus *Bauervirus* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.009B.Bauervirus_ng.zip
85. Erdrich S, Frunzke J, Turner D, Moraru C, Tolstoy I, Adriaenssens EM, Kropinski AM (2023) To create five new genera in the subfamily *Bradleyvirinae* [*Mesyanzhinovviridae*]. https://ictv.global/ictv/proposals/2023.010B.Bradleyvirinae_5ng.zip
86. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To add three new genera to the subfamily *Braunvirinae* [*Caudoviricetes: Drexelviridae*]. https://ictv.global/ictv/proposals/2023.011B.Braunvirinae_3ng.zip
87. Wittmann J, Adriaenssens EM, Turner D, Moraru C (2023) To create seventeen (17) new species in the genus *Schiekvirus* and eleven (11) new species in the genus *Kochikohdavirus* (Subfamily: *Brockvirinae*, Family: *Herelleviridae*). https://ictv.global/ictv/proposals/2023.012B.Brockvirinae_28ns.zip

88. Kazantseva OA, Pilgrimova EG, Shadrin AM (2023) create one genus, *Bunatrivirus*, containing one species, *Bunatrivirus B13*, in the class *Caudoviricetes*. https://ictv.global/ictv/proposals/2023.013B.Bunatrivirus_ng.zip
89. Anany H, Li J-Q, Tong Y, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To update the family *Chaseviridae* through creation of four new genera [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.014B.Chaseviridae_4ng.zip
90. Prichard A, Lee J, Pogliano J (2023) Create one new family (*Chimalliviridae*) in the class *Caudoviricetes*. https://ictv.global/ictv/proposals/2023.015B.Chimalliviridae_nf.zip
91. Kurtböke I, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create a new genus, *Commandariavirus* in the family *Zierdiviridae* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.016B.Commandariavirus_ng.zip
92. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create eight (8) new species in the genus *Cornellvirus* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.017B.Cornellvirus_8ns.zip
93. Papudeshi B, Vega AA, Souza C, Giles SK, Mallawaarachchi V, Roach MJ, An M, Jacobson N, McNair K, Mora MF, Passtrana K, Boling L, Leigh C, Harker C, Plewa WS, Grigson SR, Bouras G, Decewicz P, Luque A, Droit L, Handley SA, Wang D, Segall AM, Dinsdale EA, Edwards RA (2023) Create one new species in the genus *Kehishuvirus*, one species in the genus *Kolpuevirus*, and one new genus with one new species in the order *Crassvirales*. https://ictv.global/ictv/proposals/2023.018B.Crassvirales_1ng_3ns.zip
94. Kurtböke I, Turner D, Moraru C, Tolstoy I, Adriaenssens EM, Kropinski AM (2023) To create a new subfamily *Daemsvirinae* containing two genera (*Nanditavirus* and *Elesarvirus*) [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.019B.Daemsvirinae_nsf.zip
95. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create forty-two (42) species in the genus *Dhillonvirus* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.020B.Dhillonvirus_42ns.zip
96. Buttimer C, Murray E, Kropinski AM, Turner D, Draper L-A, Ross R-P, Hill C (2023) To create one genus, *Efunavirus*, containing two species in the class *Caudoviricetes*. https://ictv.global/ictv/proposals/2023.021B.Efunavirus_ng.zip
97. Tong Y, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create seven (7) genera of *Pseudomonas* siphoviruses [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.022B.Caudoviricetes_Pseudomonas_7ng.zip
98. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create 41 new species in the genus *Epseptomavirus* [*Caudoviricetes*; Family *Demerecviridae*]. https://ictv.global/ictv/proposals/2023.023B.Epseptomavirus_41ns.zip
99. Kurtböke I, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create two new genera - *Aziravirus* and *Santhidivirus* - of *Gordonia* siphophages [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.025B.Caudoviricetes_Gordonia_2ng.zip
100. Kurtböke I, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create eleven (11) new species in the genus *Gordonvirus* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.026B.Gordonvirus_11ns.zip
101. Turner D, Moraru C, Tolstoy I, Adriaenssens EM, Kropinski AM (2023) To create a new subfamily *Gorskivirinae* with five genera [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.027B.Gorskivirinae_nsf.zip
102. Turner D, Moraru C, Tolstoy I, Adriaenssens EM, Kropinski AM (2023) To create a new subfamily *Guarnerosvirinae* with three genera [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.029B.Guarnerosvirinae_nsf.zip
103. Stefańczyk E, Łobocka M, Adriaenssens EM, Kropinski AM, Turner D (2023) To create seven new species within the family *Guelinviridae* (*Caudoviricetes*). https://ictv.global/ictv/proposals/2023.030B.Guelinviridae_7ns.zip
104. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) Create a new genus (*Hafyongvirus*) with a single species (*Caudoviricetes*). https://ictv.global/ictv/proposals/2023.031B.Hafyongvirus_ng.zip
105. Olsen NS, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create a genus *Halfdanvirus* with a single species [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.032B.Halfdanvirus_ng.zip
106. Barylski J, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create a new subfamily, *Heleneionescovirinae* with two genera – *Zhangjivirus* and *Kenyatavirus* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.033B.Heleneionescovirinae_nsf.zip
107. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To add five (5) new species to the genus *Hollowayvirus* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.034B.Hollowayvirus_5ns.zip
108. Kurtböke I, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create a new genus *Ignaciavirus* with eight (8) species [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.035B.Ignaciavirus_ng.zip
109. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To reassess the classification of *Jedunavirus*, creating eight new genera in the subfamily *Jameshumphriesvirinae* [class *Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.036B.Jameshumphriesvirinae_8ng.zip
110. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create fifty-two (52) species in the genus *Jerseyvirus* and abolish one species [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.037B.Jerseyvirus_52ns_ab1sp.zip
111. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create a new subfamily, *Johnpaulvirinae*, containing two genera, *Eidolonvirus* and *Kharnvirus* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.038B.Johnpaulvirinae_nsf.zip
112. Turner D, Moraru C, Tolstoy I, Adriaenssens EM, Kropinski AM (2023) Create a new subfamily, *Jondennisvirinae* containing three genera (*Septimatrevirus*, *Kipunavirus*, *Kilunavirus*) [class *Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.039B.Jondennisvirinae_nsf.zip
113. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create six (6) new species in the genus *Kagunavirus* [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.040B.Kagunavirus_6ns.zip
114. Zlatohurska MA, Gorb TY, Romaniuk LV, Shenderovska NA, Faidiuk YV, Kropinski AM, Kushkina AI, Tovkach FI (2023) Create one new genus (*Keyvirus*) including two new species in the family *Demerecviridae*. https://ictv.global/ictv/proposals/2023.041B.Keyvirus_ng.zip
115. Nishijima S, Nagata N (2023) Create a new family called *Konodaiviridae* including three new genera and three new species (*Caudoviricetes*). https://ictv.global/ictv/proposals/2023.042B.Konodaiviridae_nf.zip
116. Kurtböke I, Turner D, Moraru C, Tolstoy I, Adriaenssens EM, Kropinski AM (2023) To create a subfamily *Kutznervirinae* with five genera [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.043B.Kutznervirinae_nsf.zip
117. Yang M (2023) Create two new genera (*Layangavirus* and *Layangbivirus*) and two species (*Layangavirus* LY1 and *Layangbivirus* LY5) in the subfamily *Gutmannvirinae*. https://ictv.global/ictv/proposals/2023.044B.Layangavirus_Layangbivirus_2ng.zip
118. Yang M (2023) Create one new genus (*Layangcivirus*) and new species (*Layangcivirus* LY3. in the subfamily *Northropvirinae*.

- https://ictv.global/ictv/proposals/2023.045B.Layangcivirus_ng.zip
119. Łobocka M, Stefańczyk E, Adriaenssens EM, Kropinski AM, Turner D (2023) To create one new family *Madridviridae* with one genus *Cepunavirus* moved from the *Salasmaviridae* [Caudoviricetes]. https://ictv.global/ictv/proposals/2023.046B.Madridviridae_nf.zip
 120. Oksanen HM (2023) Renaming: Correct the spelling of the family *Matsushitaviridae*. https://ictv.global/ictv/proposals/2023.047B.Matsushitaviridae_error_correction.zip
 121. Buttner C, Shkoporov A, Kropinski A, Turner D, Draper L-A, Ross R-P, Hill C (2023) Create one new subfamily (*Munstervirinae*) including four new genera within the class *Caudoviricetes*. https://ictv.global/ictv/proposals/2023.048B.Munstervirinae_nsf.zip
 122. Wittmann J, Adriaenssens EM, Turner D, Moraru C (2023) To create six (6) new genera of *Enterococcus* infecting phages (Caudoviricetes). https://ictv.global/ictv/proposals/2023.049B.Caudoviricetes_Enterococcus_6ng.zip
 123. Nada MAL, Ancla JB, Yadao NMR, De Paz VP, Manalaysay JG, Samante FLD, Bigol UG (2023) Create a new phage species in the genus *Pakpunavirus*. https://ictv.global/ictv/proposals/2023.050B.Pakpunavirus_1ns.zip
 124. Van Zyl LJ, Adriaenssens EM (2023) To assign 1 new genus and 11 new species to the family *Peduviridae*, as well as abolish one species, one genus (*Stockinghallvirus*), and to rename three species. https://ictv.global/ictv/proposals/2023.051B.Peduviridae_reorg.zip
 125. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create a new genus, *Porunavirus*, with one new species [Caudoviricetes]. https://ictv.global/ictv/proposals/2023.052B.Porunavirus_ng.zip
 126. Claire K A Elek, Teagan L Brown, Thanh Le Viet, Rhiannon Evans, David J Baker, Andrea Telatin, Sumeet K Tiwari, Haider Al-Khanaq, Gaëtan Thilliez, Robert A Kingsley, Lindsay J Hall, Mark A Webber, and Evelien M Adriaenssens (2023) Create five (5) new species in the genus *Przondovirus* (Caudoviricetes). https://ictv.global/ictv/proposals/2023.053B.Przondovirus_5ns.zip
 127. Turner D, Moraru C, Tolstoy I, Thaller MC, Fraziano M, Migliore L, D'Andrea MM, Kropinski AM (2023) To expand the subfamily *Queuvirinae* and add new species to the genus *Nipunavirus* [Caudoviricetes]. https://ictv.global/ictv/proposals/2023.054B.Queuvirinae_reorg.zip
 128. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To update the subfamily *Rogunavirinae* [Caudoviricetes; Family, *Drexlerviridae*]. https://ictv.global/ictv/proposals/2023.055B.Rogunavirinae_2ns_1ng.zip
 129. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) Create two genera of *Serratia* phages - *Rovertvirus* and *Bonzevirus* [Caudoviricetes]. https://ictv.global/ictv/proposals/2023.056B.Caudoviricetes_Serratia_2ng.zip
 130. Avrani S, Schwartz DA (2023) Create one new family (*Saffermanviridae*) including one new genus, two new species, and five existing species (Caudoviricetes). https://ictv.global/ictv/proposals/2023.057B.Saffermanviridae_nf.zip
 131. Łobocka M, Stefańczyk S, Adriaenssens EM, Kropinski AM, Turner D (2023) To create one new genus and two species within family *Salasmaviridae* (Caudoviricetes). https://ictv.global/ictv/proposals/2023.058B.Salasmaviridae_ng.zip
 132. Kazantseva OA, Pilgrimova EG, Shadrin AM (2023) Create a new genus, *Samaravirus* encompassing one species in the class *Caudoviricetes*. https://ictv.global/ictv/proposals/2023.059B.Samaravirus_ng.zip
 133. Tkachev PV, Pchelin IM, Goncharov AE (2023) Create a new species in the genus *Saphehexavirus* (Caudoviricetes). https://ictv.global/ictv/proposals/2023.060B.Saphehexavirus_1ns.zip
 134. Buttner C, Cortes-Martin A, Kropinski A, Turner D, Draper L-A, Ross R-P, Hill C (2023) To create one genus, *Septuagintavirus*, containing two species in the subfamily *Vequintavirinae*. https://ictv.global/ictv/proposals/2023.061B.Septuagintavirus_ng.zip
 135. Turner D, Moraru C, Tolstoy I, Adriaenssens EM, Kropinski AM (2023) To create a new subfamily *Skurskavirinae* with two genera (*Pakpunavirus* and *Baldwinvirus*). [Caudoviricetes]. https://ictv.global/ictv/proposals/2023.062B.Skurskavirinae_nsf.zip
 136. Erdrich S, Frunzke J, Ansaldi M, Ginet N, Lebrun C, Clavijo-Coppens F, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create a new subfamily, *Stanbayleyvirinae*, with two genera - *Subavirus* & *Shirevirus* [Caudoviricetes]. https://ictv.global/ictv/proposals/2023.063B.Stanbayleyvirinae_nsf.zip
 137. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create 16 new species in the genus *Sugarlandvirus* [Caudoviricetes; Family *Demereciviridae*]. https://ictv.global/ictv/proposals/2023.064B.Sugarlandvirus_16ns.zip
 138. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To add four new genera, and thirty-three (33) new species to the subfamily *Tempevirinae* [Caudoviricetes; *Drexlerviridae*]. https://ictv.global/ictv/proposals/2023.065B.Tempevirinae_4ng_33ns.zip
 139. Nada MAL, Ancla JB, Yadao NMR, De Paz VP, Manalaysay JG, Samante FLD, Bigol UG (2023) Create new phage species in the genus *Tequatrovirus*. https://ictv.global/ictv/proposals/2023.066B.Tequatrovirus_1ns.zip
 140. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create 35 new species in the genus *Tequintavirus* [Caudoviricetes; Family *Demereciviridae*]. https://ictv.global/ictv/proposals/2023.067B.Tequintavirus_35ns.zip
 141. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To create three genera of *Serratia* phages - *Seretavirus*, *Serbinvirus* and *Otakivirus* [Caudoviricetes]. https://ictv.global/ictv/proposals/2023.068B.Caudoviricetes_Serratia_3ng.zip
 142. Nishijima S, Nagata N (2023) Create a new family called *Toyamaviridae* including three new genera and three new species (Caudoviricetes). https://ictv.global/ictv/proposals/2023.069B.Toyamaviridae_nf.zip
 143. Knezevic P, Gavric D, Yang M, Kropinski AM, Lavigne R, Adriaenssens EM (2023) Create one (1) genus and eight (8) new species in the family *Inoviridae* (*Tubulavirales*). https://ictv.global/ictv/proposals/2023.070B.Inoviridae_8ns_1ng.zip
 144. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) Create ten new species in the subfamily *Tunavirinae* [Caudoviricetes]. https://ictv.global/ictv/proposals/2023.071B.Tunavirinae_10ns.zip
 145. Nishijima S, Nagata N (2023) Create a new family called *Umezoonoviridae* including two new genera and 54 new species (Caudoviricetes). https://ictv.global/ictv/proposals/2023.072B.Umezoonoviridae_nf.zip
 146. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) Create 28 new species in the genus *Vequintavirus* (Caudoviricetes). https://ictv.global/ictv/proposals/2023.073B.Vequintavirus_28ns.zip
 147. Pchelin IM, Tkachev PV, Goncharov AE (2023) Create new genus (*Vespunovirus*) in the class *Caudoviricetes*. https://ictv.global/ictv/proposals/2023.074B.Vespunovirus_ng.zip
 148. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) To abolish three species (Caudoviricetes). https://ictv.global/ictv/proposals/2023.075B.Caudoviricetes_ab3sp.zip
 149. Łobocka M, Barylski J, Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) Create eleven (11) new species in the genus *Wbetavirus* (Caudoviricetes). https://ictv.global/ictv/proposals/2023.076B.Wbetavirus_11ns.zip

150. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) Create sixty-eight (68) species in the genus *Webervirus* (*Caudoviricetes*; *Drexlerviridae*). https://ictv.global/ictv/proposals/2023.077B.Webervirus_68ns.zip
151. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) Create a new genus (*Xajduovirus*) with a single species (*Caudoviricetes*). https://ictv.global/ictv/proposals/2023.078B.Xajduovirus_ng.zip
152. Turner D, Moraru C, Tolstoy I, Kropinski AM (2023) Create a new genus *Zhuquevirus* with a single species [*Caudoviricetes*]. https://ictv.global/ictv/proposals/2023.079B.Zhuquevirus_ng.zip
153. Yingwang Y, Na L, Ting W, Bin C (2023) Create a new genus (*Bglawtbvirus*) with a single species in *Caudoviricetes*. https://ictv.global/ictv/proposals/2023.080B.Bglawtbvirus_ng.zip
154. Ayllón MA, Turina M, Jiang D, Xie J, Marzano SY, Donaire L, Nerva L, Sabanadzovic S (2023) Move one species to a different genus in the family *Botourmiaviridae*. https://ictv.global/ictv/proposals/2023.001F.Botourmiaviridae_move_rename1sp.zip
155. Nibert ML, Manny AR, Hetzel CA (2023) Rename four species and create one new species in the genus *Trichomonasvirus*. https://ictv.global/ictv/proposals/2023.002F.Trichomonasvirus_Insp_spre.zip
156. Firth AE, Esteban R, Sabanadzovic S (2023) Rename all species in the family to comply with the ICTV-mandated binomial format (*Wolfamvirales*: *Narnaviridae*). https://ictv.global/ictv/proposals/2023.003F.Narnaviridae_spre.zip
157. Sabanadzovic S, Abrahão J, Greub G, Colson P (2023) Create a new genus in the family *Marseilleviridae* (*Pimascovirales*) and rename species in the family. https://ictv.global/ictv/proposals/2023.004F.Marseilleviridae_1newgen_spre.zip
158. Kotta-Loizou I, Coutts RHA (2023) Converting 10 species names in family *Polymycoviridae* to a Latinized binomial (genus-species) format. https://ictv.global/ictv/proposals/2023.005F.Polymycoviridae_spre.zip
159. Vainio EJ, Turina M (2023) Rename eight species names in family *Curvulaviridae* (*Durnavirales*) to a Latinized binomial format. https://ictv.global/ictv/proposals/2023.006F.Curvulaviridae_spre.zip
160. Turina M, Lee B, Sabanadzovic S, Vainio E, Navarro B, Simmonds P, Kuhn JH, De La Pena M, Botella L, Krupovic M (2023) Create one new phylum, *Ambiviricota*, including one new class, one new order, four new families, four new genera, and 20 new species, in kingdom *Orthornavirae* (realm *Riboviria*). https://ictv.global/ictv/proposals/2023.007F.Ambiviricota_nphy.zip
161. Varsani A, Hopkins A, Lund MC, Krupovic M (2023) Establishing 11 new genera and 19 species in the families *Nenyaviridae*, *Naryaviridae* and *Vilyaviridae*. https://ictv.global/ictv/proposals/2023.008F.Ardiviricetes_11ng_19ns.zip
162. Roux S, Yutin N, Fischer M, Schulz F (2023) Establishing formal demarcation criteria for the *Maveriviricetes* class (“virophages”), and creating or re-assigning 4 orders, 7 families, 7 genera, and 8 species within this class. https://ictv.global/ictv/proposals/2023.009F.Virophages_reorg.zip
163. Sabanadzovic S, Van Etten J, Rodrigues R, Claverie JM, Short S, Nissimov J (2023) Abolish 19 species in the family *Phycodnaviridae* (*Algavirales*) and rename 14 species to binomial format. https://ictv.global/ictv/proposals/2023.010F.Phycodnaviridae_abolish19sp_spre.zip
164. Queiroz VF, Rodrigues RAL, Abrahão JS (2023) Create 3 new families, 3 genera, and 7 new species within the order *Pimascovirales* (phylum *Nucleocytoviricota*). https://ictv.global/ictv/proposals/2023.011F.Pimascovirales_3newfam.zip
165. Sabanadzovic S, Vainio E, Nibert ML, Chiba S, Roossinck MJ, Suzuki N, Xie J, Rubino L (2023) Abolish 15 unassigned species in the family *Partitiviridae* (*Durnavirales*) and rename 45 species to binomial format. https://ictv.global/ictv/proposals/2023.012F.Partitiviridae_abolish15sp_spre.zip
166. Candresse T, Blouin A, Cao M, Cho WK, Constable F, Molloy D, Nagata T, Sabanadzovic S, Saldarelli P, Tzanetakis I, Villamor DE (2023) Rename existing species and create 1 new species (*Tymovirales*: *Deltaflexiviridae*). https://ictv.global/ictv/proposals/2023.013F.Deltaflexiviridae_1nspspre.zip
167. Candresse T, Blouin A, Cao M, Cho WK, Constable F, Molloy D, Nagata T, Sabanadzovic S, Saldarelli P, Tzanetakis I, Villamor DE (2023) Rename existing species (*Tymovirales*: *Gammalflexiviridae*). https://ictv.global/ictv/proposals/2023.014F.Gammalflexiviridae_spre.zip
168. Sato Y, Castón JR, Hillman BI, Kim D-H, Kondo H, Nibert ML, Lanza D, Sabanadzovic S, Stenger D, Wu M, Suzuki N (2023) Reorganize the order *Ghabrivirales* to create three new suborders, 15 new families, 12 new genera, and 176 new species. https://ictv.global/ictv/proposals/2023.015F.Ghabrivirales_reorg.zip
169. Okada R, Valverde RA, Sabanadzovic S, Khalifa M, Moriyama H, Roossinck MJ, Tuomivirta T. (2023) Rename all species to comply with newly ICTV-mandated binomial species format (*Martellivirales*: *Endornaviridae*). https://ictv.global/ictv/proposals/2023.002P.Endornaviridae_rename_sp.zip
170. Gronenborn B, Randles JW (2023) Rename the species *Coconut foliar decay virus*, genus *Cofodovirus*, family *Metaxyviridae* to comply with binomial species format. https://ictv.global/ictv/proposals/2023.003P.Metaxyviridae_rename_1sp.zip
171. Thompson JR, Canto T, Carr JP, Pallás V, Šafářová, D (2023) Rename all existing species assigned to genera in the family *Bromoviridae* (*Tolivirales*) to comply with the binomial species format. https://ictv.global/ictv/proposals/2023.004P.Bromoviridae_rename_sp.zip
172. Thompson JR, Canto T, Carr JP, Pallás V, Šafářová, D (2023) Create ten (10) new species in the genus *Ilarvirus* (*Martellivirales*: *Bromoviridae*). https://ictv.global/ictv/proposals/2023.005P.Bromoviridae_10nsps.zip
173. Gronenborn B, Varsani A (2023) Rename all species in subfamilies *Nanoalphasatellitinae* and *Petromalphasatellitinae* (family *Alphasatellitidae*). https://ictv.global/ictv/proposals/2023.006P.Alphasatellitidae_rename_30sp.zip
174. Kuhn JH, Bó ED, Gago-Zachert S, García ML, Hammond J, Natsuaki T, Navarro JA, Neriya Y, Pallás V, Reyes CA, Sasaya T, Tzanetakis IE, Verbeek M, Vaira AM (2023) Rename one order in class *Milneviricetes* (*Riboviria*: *Negarnaviricota*). https://ictv.global/ictv/proposals/2023.007P.Serpentovirales_1nord_rename.zip
175. Sasaya T, Neriya Y, Shimamoto Y, Takemura C, Yanagisawa H (2023) Create one new species in family *Aspiviridae* (*Serpentovirales*). https://ictv.global/ictv/proposals/2023.008P.Aspiviridae_1nsps.zip
176. Digiaro M, Elbeaino T, Kubota K, Ochoa Corona FM, von Bargen S (2023) Create *Emaravirus kudzu* as a new species in the genus *Emaravirus*, family *Fimoviridae*. https://ictv.global/ictv/proposals/2023.009P.Emaravirus_1nsps.zip
177. Selda Rivarez MP, Pecman A, Bačnik K, Maksimović O, Vučurović A, Seljak G, Mehle N, Gutiérrez-Aguirre I, Ravnikaar M, Kutnjak D, Digiaro M, Elbeaino T, Kubota K, Ochoa Corona FM, von Bargen S (2023) Create *Emaravirus artemisiae* as a new species in the genus *Emaravirus*, family *Fimoviridae*. https://ictv.global/ictv/proposals/2023.010P.Emaravirus_1nsps.zip
178. Wenxia A, Chengyu L, Song Z, MeiChun Y, Mengji C, Caixia Y, Digiaro M, Elbeaino T, Kubota K, Ochoa Corona FM, von Bargen S (2023) Create *Emaravirus aianthi* as a new species in the genus *Emaravirus*, family *Fimoviridae*. https://ictv.global/ictv/proposals/2023.011P.Emaravirus_1nsps.zip
179. Inoue-Nagata AK, Wylie SJ, Jordan R, Kreuze JF, Li F, Lopez-Moya JJ, Makinen K, Ohshima K (2023) Create five new species

- in the genus *Potyvirus* (*Patatavirales: Potyviridae*). https://ictv.global/ictv/proposals/2023.012P.Potyviriidae_5ns.zip
180. Inoue-Nagata AK, Wylie SJ, Jordan R, Kreuze JF, Li F, Lopez-Moya JJ, Makinen K, Ohshima K (2023) Rename all existing species to comply with the binomial species format (*Patatavirales: Potyviridae*). https://ictv.global/ictv/proposals/2023.013P.Potyviriidae_rename_sp.zip
 181. Bejerman N, Debat H (2023) Create a new genus *Welwivirus* in the family *Geminiviridae*, in the order *Geplafuvirales*, including two species, *Welwivirus welwitschiae* and *Welwivirus mirabilis*. https://ictv.global/ictv/proposals/2023.014P.Geminiviriidae_Ing_2nsp.zip
 182. Roumagnac P, Ascencio-Ibanez J, Lett JM, López-Lambertini PM, Martin DP, Navas-Castillo J, Ribeiro S, Urbino S, Varsani A, Zerbini FM (2023) Rename 520 species (*Geplafuvirales: Geminiviridae*). https://ictv.global/ictv/proposals/2023.015P.Geminiviriidae_rename_sp.zip
 183. Bragard C, Adkins S, Ali A, Gilmer D, Li D, Macfarlane S, Melcher U, Ratti C, Ryu KH, Wong SM (2023) Rename all existing species in families *Benyviridae* and *Virgaviridae* to comply with the binomial species format. https://ictv.global/ictv/proposals/2023.016P.Virgaviriidae_and_Benyviridae_rename.zip
 184. Teycheney PY, Umber M (2023) Create two new species in the genus *Badnavirus* (*Ortervirales: Caulimoviridae*), one new species in the genus *Caulimovirus* (*Ortervirales: Caulimoviridae*), one new species in the genus *Rosadnavirus* (*Ortervirales: Caulimoviridae*), two new species in the genus *Soymovirus* (*Ortervirales: Caulimoviridae*) and change exemplar isolate of species *Caulimovirus tesselodahliae*. https://ictv.global/ictv/proposals/2023.017P.Caulimoviriidae_6ns.zip
 185. Fuchs M, Hily J-M, Petrzik K, Sanfaçon H, Thompson J, van der Vlugt R, Wetzel T (2023) Create 16 new species in the family *Secoviridae* (*Picornavirales*). https://ictv.global/ictv/proposals/2023.018P.Secoviriidae_16nsp.zip
 186. Sömera M, Sarmiento C, Hebrard E, Fargette D (2023) Rename all existing species assigned to genera in the family *Solemoviridae* (*Sobelivirales*) to comply with the binomial species format, and abolish or classify the unclassified member species. https://ictv.global/ictv/proposals/2023.019P.Solemoviriidae_rename.zip
 187. Sömera M (2023) Create ten species in the genus *Enamovirus* (*Sobelivirales: Solemoviridae*). https://ictv.global/ictv/proposals/2023.020P.Enamovirus_10nsp.zip
 188. Sömera M, Sarmiento C, Hebrard E, Fargette D (2023) Create five species in the genus *Sobemovirus* (*Sobelivirales: Solemoviridae*). https://ictv.global/ictv/proposals/2023.021P.Sobemovirus_5nsp.zip
 189. Sömera M (2023) Create forty-seven species in the genus *Polerovirus* (*Sobelivirales: Solemoviridae*). https://ictv.global/ictv/proposals/2023.022P.Polerovirus_47nsp.zip
 190. Heydarnejad J, Gronenborn B, Varsani A (2023) Establish a new species in the genus *Nanovirus* (family *Nanoviridae*). https://ictv.global/ictv/proposals/2023.023P.Nanovirus_1nsp.zip
 191. Gronenborn B, Varsani A (2023) Rename all species in family *Nanoviridae* to comply with binomial species format. https://ictv.global/ictv/proposals/2023.024P.Nanoviriidae_rename_sp.zip
 192. Kreuze JF, Candresse T, Hammond J, Menzel W, Ryu KH, Vaira AM, Zavriev S, Rubino L (2023) Rename all existing species in the family *Alphaflexiviridae* to comply with the binomial species format. https://ictv.global/ictv/proposals/2023.025P.Alphaflexiviriidae_rename_sp.zip
 193. Candresse T, Blouin A, Cao M, Cho WK, Constable F, Molloy D, Nagata T, Sabanadzovic S, Saldarelli P, Tzanetakis I, Villamor DE (2023) Rename all existing species in family *Betaflexiviridae* to comply with the binomial species format. https://ictv.global/ictv/proposals/2023.027P.Betaflexiviriidae_rename.zip
 194. Candresse T, Blouin A, Cao M, Cho WK, Constable F, Molloy D, Nagata T, Sabanadzovic S, Saldarelli P, Tzanetakis I, Villamor DE (2023) Create 13 new species (*Tymovirales: Betaflexiviridae*). https://ictv.global/ictv/proposals/2023.028P.Betaflexiviriidae_13nsp.zip
 195. Sömera M, Sarmiento C, Fargette D (2023) Create the new genus *Hubsclerovirus* in the family *Solemoviridae* (*Sobelivirales*) and the new species *Hubsclerovirus* HUSRV in the proposed genus. https://ictv.global/ictv/proposals/2023.029P.Hubsclerovirus_1ng_1nsp.zip
 196. Sabanadzovic S, Bar-Joseph M, Candresse T, Maree HJ, Melzer MJ, Menzel W, Minafra A, Molloy D, Tzanetakis IE, Rubino L (2023) Rename species in the family *Closteroviridae* (*Martellivirales*) to binomial format. https://ictv.global/ictv/proposals/2023.030P.Closteroviriidae_rename_sp.zip
 197. Chiumenti M, Navarro B, Di Serio F (2023) Create a new species in the genus *Apscaviroid* (*Pospiviroidae*). https://ictv.global/ictv/proposals/2023.031P.Pospiviroid_1nsp.zip
 198. Di Serio F, Li S, Pallás V, Randles JW, Sano T, Vidalakis G, Owens RA (2023) Rename all existing species to comply with the binomial species format (Viroids: *Pospiviroidae*). https://ictv.global/ictv/proposals/2023.032P.Avsunviroidae_and_Pospiviroidae_rename_sp.zip
 199. Rubino L, Prigigallo MI, Sabanadzovic S, Kuhn JH (2023) Rename all existing species in the families *Pseudoviridae* and *Metaviridae* to comply with the binomial species format, and abolish one floating species in the family *Pseudoviridae*. https://ictv.global/ictv/proposals/2023.033P.Pseudoviriidae_Metaviriidae_rename_sp.zip
 200. Urbino C, Lett JM, Roumagnac P, Navas-Castillo J, Zerbini FM (2023) Rename all 131 species in family *Tolecusatellitidae*. https://ictv.global/ictv/proposals/2023.035P.Tolecusatellitidae_rename.zip
 201. Navas-Castillo J, Zerbini FM (2023) Rename all 55 species in subfamily *Geminialphasatellitinae* (*Alphasatellitidae*). https://ictv.global/ictv/proposals/2023.036P.Geminialphasatellitinae_rename.zip
 202. Zerbini FM, Siddell S, Mushegian A, Lefkowitz EJ, (2023) Modification of Article 5.1 (2023) of the ICTV Statutes. https://ictv.global/ictv/proposals/2023.001G.Statute_Update.docx
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 204. Adriaenssens EM, Dutilh BE, Harrach B, Junglen S, Kropinski AM, Krupovic M, Kuhn JH, Mushegian A, Postler TS, Rubino L, Sabanadzovic S, Simmonds P, Varsani A, Zerbini M (2018) Modify the International Code of Virus Classification and Nomenclature (ICVCN) to prospectively mandate a uniform genus-species type virus species naming format https://ictv.global/ictv/proposals/2018.001G.R.binomial_species.pdf
 205. Siddell SG, Walker PJ, Lefkowitz EJ, Mushegian AR, Dutilh BE, Harrach B, Harrison RL, Junglen S, Knowles NJ, Kropinski AM, Krupovic M, Kuhn JH, Nibert ML, Rubino L, Sabanadzovic S, Simmonds P, Varsani A, Zerbini FM, Davison AJ (2020) Binomial nomenclature for virus species: a consultation. *Arch Virol* 165:519–525
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