VIROLOGY DIVISION NEWS

Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2012)

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In accordance with the Statutes of the International Committee of Taxonomy of Viruses (ICTV), the final stage in the process of making changes to the Universal Scheme of Virus Classification is the ratification of taxonomic proposals by ICTV members. This can occur either at a plenary meeting of ICTV, held during an International Congress of Virology conference, or by circulation of proposals by mail followed by a ballot. As in recent years, a list of proposals that had been subjected to the full, multistage review process was prepared and presented on the ICTVonline web pages by January 2012. This review process involved input from the ICTV study groups and subcommittees, other interested virologists, and the ICTV Executive Committee. These proposals were submitted to and discussed by the ICTV Executive Committee over the past two years and represent changes to virus taxonomy from that recently published in the Ninth Report [1]. The ratification process was performed entirely by email. The proposals were sent electronically via email on January 24 2012 to ICTV Executive Committee Members (18), Life Members (11), ICTV Subcommittee Members (105), and ICTV National Representatives (55). Members were then requested to vote on whether or not to ratify the taxonomic proposals, within a four-week deadline (voting closed on February 21, 2012).

The following are the taxonomic proposals that were ratified by ICTV members in February 2012. The proposals are organized by subcommittee, and then the filename posted on-line, which contained the specific information about the proposals. Note that by ICTV convention, all approved taxon names are italicized. The details of all these proposals can be obtained at http://www.ictvonline.org/Official_ICTV_Proposals.htm. The latest version of virus taxonomy, incorporating all the changes reported here, is now available on-line at the ICTV web site: http://ictvonline.org.

Fungal Virus Subcommittee

2009.001a-fF.A.v6.Dinodnavirus

2009.001a,bF create species named *Heterocapsa*

circularisquama DNA virus 01 in the new

unassigned genus Dinodnavirus

2009.001c,eF create a new unassigned genus 2009.001dF name the new genus *Dinodnavirus*

2009.001fF designate Heterocapsa circularisquama

DNA virus 01 as type species in the new genus

2009.002a-fF.A.v6.Bacilladnavirus

2009.002a,b,F create species named Chaetoceros

salsugineum DNA virus 01 in the new

unassigned genus Bacilladnavirus

2009.002c,eF create a new unassigned genus

2009.002dF name the new genus *Bacilladnavirus* 2009.002fF designate *Chaetoceros salsugineum DNA*

virus 01 as type species in the new genus

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2010.001a-dF.A.v2.Trichomonasvirus		2009.001a-kI.A.v4.Hytrosaviridae	
2010.001aF	virus 1, Trichomonas vaginalis virus 2, and Trichomonas vaginalis virus 3 in the new	2009.001aI	create species named <i>Glossina hytrovirus</i> in the proposed genus <i>Glossinavirus</i> in the proposed family <i>Hytrosaviridae</i>
2010.001bF	genus <i>Trichomonasvirus</i> , family <i>Totiviridae</i> create a genus in the family <i>Totiviridae</i>	2009.001Ы	create species named <i>Musca hytrovirus</i> in the proposed genus <i>Muscavirus</i> in the
2010.001cF	C	2000 004 7	proposed family Hytrosaviridae
2010.001dF	9	2009.001cI	create a new genus
	type species in the new genus	2009.001dI 2009.001eI	name the genus <i>Glossinavirus</i> designate <i>Glossina hytrovirus</i> to be type
2010.002a-	gF.A.v1.Megabirnaviridae	2007.00161	species in the proposed genus Glossinavirus
2010.002aF	create species named Rosellinia necatrix	2009.001fI	create a new genus
	megabirnavirus 1 in the new genus	2009.001gI	name the genus Muscavirus
	Megabirnavirus in the new family Megabirnaviridae	2009.001hI	designate <i>Musca hytrovirus</i> to be type species in the proposed genus <i>Muscavirus</i>
2010.002bF	create a genus in the family Megabirnaviridae	2009.001iI	create a new unassigned family
2010.002cF	e e	2009.001jI	name the family Hytrosaviridae
2010.002dF	1 as type species in the new genus	2009.001kI	assign the genera <i>Glossinavirus</i> and <i>Muscavirus</i> to the new family
2010.002eF	ε ,	2010.001a-q	I.A.v4.Tetraviridae
2010.002fF	name the new family Megabirnaviridae		
2010.002gF	assign the new genus <i>Megabirnavirus</i> to the new family	2010.001aI	create a new genus in the family Permutotetraviridae (new)
2010.003aF	A.v1.Prasinovirus-sp	2010.001bI	name the genus Alphapermutotetravirus
	<u>-</u>	2010.001cI	designate species Thosea asigna virus as
2010.003aF	1	2010.001dI	type species of the new genus create new unassigned family
	virus OtV5 in the genus Prasinovirus, family Phycodnaviridae	2010.001df 2010.001eI	name the new family <i>Permutotetraviridae</i>
1 пусоапаvінаае		2010.001fI	assign genus Alphapermutotetravirus to the
	A.v1.Chlorovirus-Sp		new family
2010.004aF	create species named Acanthocystis turfacea chlorella virus 1 in the genus Chlorovirus,	2010.001gI	create a new genus in the family <i>Carmotetraviridae</i> (new)
	family Phycodnaviridae	2010.001hI	name the genus Alphacarmotetravirus
		2010.001iI	designate species <i>Providence virus</i> as type species of the new genus
Invertebra	te Virus Subcommittee	2010.001jI	create new unassigned family
mvertebra	e virus suscommittee	2010.001kI	name the new family Carmotetraviridae
2008.001-0	04,6I.A.v3.Aparavirus	2010.0011I	assign genus <i>Alphacarmotetravirus</i> to the new family
2008.001I	create new genus in the family Dicistroviridae	2010.001mI	remove 2 species, Euprosterna elaeasa
2008.002I	name the new genus Aparavirus		virus and Thosea asigna virus, from their
2008.003I	assign 4 existing species (Acute bee paralysis		current assigned position in the genus
	virus, Kashmir bee virus, Solenopsis invicta virus-1, Taura syndrome virus) to new genus	2010.001nI	Betatetravirus, family Tetraviridae reassign the species Euprosterna elaeasa
	and create 1 additional species (Israeli acute	2010.001111	virus and Thosea asigna virus to genus
	paralysis virus)		Alphapermutotetravirus (new), family
2008.004I	designate Acute bee paralysis virus as type		Permutotetraviridae (new)
	species of new genus	2010.001oI	remove the species <i>Providence virus</i> from
2008.006I	create species Israeli acute paralysis virus in		its current assigned position in the genus
	genus Aparavirus		Betatetravirus, family Tetraviridae



2010.001pI	reassign the species Providence virus to the		
	genus <i>Alphacarmotetravirus</i> (new), family <i>Carmotetraviridae</i> (new)		
	Carmotetravirtade (new)		

2010.001qI change the name of family *Tetraviridae* to the *Alphatetraviridae*

2011.004aI.A.v1.Aparavirus-Sp

2011.004aI create species named *Mud crab virus* in the genus *Aparavirus*, family *Dicistroviridae*, order *Picornavirales*

2011.005aI.A.v1.Iflavirus-Sp

2011.005aI create species named *Slow bee paralysis*virus in the genus *Iflavirus*, family *Iflaviridae*, order *Picornavirales*

Plant Virus Subcommittee

2009.004a-iP.A.v2.Poacevirus

	1
	virus in the new genus Poacevirus,
	family Potyviridae
2009.004c,eP	create a new genus in the family
	Potyviridae
2009.004dP	name the new genus Poacevirus
2009.004fP	designate Triticum mosaic virus as type
	species in the new genus
2009.004gP	assign the previously unassigned species
	Sugarcane streak mosaic virus as
	additional species in the new genus
2009.004h,iP	remove the species Sugarcane streak
	mosaic virus from "unassigned" in the
	family Potyviridae and reassign to the new
	genus

2009.004a,bP create species named Triticum mosaic

2009.008a-fP.A.v1.Tepovirus

	Betaflexiviridae, order Tymovirales
2009.008bP	name the new genus Tepovirus
2009.008dP	designate Potato virus T as type species in
	the new genus
2009.008e,fP	remove the species Potato virus T from
	"unassigned" in the family Betaflexiviridae
	and reassign to the new genus

2009.008a,cP create a genus in the new family

2009.012a-fP.A.v6.Labyrnavirus

2009.012a,bP create species named Aurantiochytrium single-stranded RNA virus 01 in the proposed genus Labyrnavirus, to be unassigned in the order Picornavirales

2009.012c,e,P	create an unassigned genus in the order		
	Picornavirales		
2009.012dP	name the new genus Labyrnavirus		
2009.012fP	designate Aurantiochytrium single-		
	stranded RNA virus 01 as type species in		
	the new genus		

2009.015a-kP.A.v6.Bacillarnavirus

2009.015a-f,kP	create species named Rhizosolenia setigera RNA virus 01, Chaetoceros tenuissimus RNA virus 01 and Chaetoceros socialis f. radians RNA virus 01 in the proposed genus Bacillarnavirus,
2009.015g,I,oP	unassigned in the order <i>Picornavirales</i> create a new genus to be unassigned in
2009.015hP 2009.015jP	order <i>Picornavirales</i> name the new genus <i>Bacillarnavirus</i> designate <i>Rhizosolenia setigera RNA</i> virus 01 as type species in the new genus

2009.016a-iP.A.v7.Alvernaviridae

2009.016a,bP	create species named <i>Heterocapsa</i> circularisquama RNA virus 01 in the		
	genus Dinornavirus (new), family		
	Alvernaviridae (new, unassigned)		
2009.016c,e,iP	create a genus in the family		
	Alvernaviridae (new)		
2009.016eP	name the new genus Dinornavirus		
2009.016fP	designate Heterocapsa circularisquama		
	RNA virus 01 as type species in the new		
	genus		

2010.001aP.A.v2.Ipomovirus-Sp

2010.001aP create species named *Ugandan cassava* brown streak virus in the genus *Ipomovirus* in the family *Potyviridae*

2010.002aP.A.v2.Potyvirus-Sp

2010.002aP create species named *Sweet potato virus C* in the genus *Potyvirus* in the family *Potyviridae*

2010.003aP.A.v1.Closterovirus-2sp

2010.003aP create 2 species named Strawberry chlorotic fleck-associated virus and Raspberry leaf mottle virus in the genus Closterovirus in the family Closteroviridae

2010.004aP.A.v1.Cucumovirus-1sp

2010.004aP create species named Gayfeather mild mottle virus in the genus Cucumovirus in the family Bromoviridae



2010.005aP.A.v1.Ilarvirus-2sp

2010.005aP create 2 species named *Blackberry chlorotic* ringspot virus and *Strawberry necrotic* shock virus in the genus *Ilarvirus* in the family *Bromoviridae*

2010.006aP.A.v2.Tymoviridae-sp

2010.006aP create species *Bombyx mori latent virus* to be unassigned in the family *Tymoviridae*, order *Tymovirales*

2010.007aP.A.v1.Marafivirus-sp BIVS

2010.007aP create species named *Blackberry virus S* in the genus *Marafivirus* in the family *Tymoviridae*, order *Tymovirales*

2010.008aP.A.v1.Marafivirus-sp_GSyV-1

2010.008aP create species named *Grapevine Syrah virus*1 in the genus *Marafivirus* in the family
Tymoviridae, order Tymovirales

2010.009aP.A.v1.Nanovirus-2sp

2010.009aP create species named Faba bean necrotic stunt virus and Pea necrotic yellow dwarf virus in the genus Nanovirus in the family Nanoviridae

2010.010aP.A.v1.Pospiviroid-sp

2010.010aP create species named *Pepper chat fruit* viroid in the genus *Pospiviroid* in the family *Pospiviroidae*

2010.011aP.A.v1.Remove2unassignedspecies

2010.011aP remove (abolish) two unassigned species:

Hawaiian rubus leaf curl virus and Pigeon
pea sterility mosaic virus

2010.012aP.A.v1.Tymoviridae-sp

2010.012aP create species named *Poinsettia mosaic* virus to be unassigned in the family *Tymoviridae*, order *Tymovirales*

2010.013a,bP.A.v1.Badnavirus_5sp_and_renames

2010.013aP create 5 species named Banana streak VN virus, Pineapple bacilliform CO virus, Pineapple bacilliform ER virus, Bougainvillea chlorotic vein banding virus, and Dioscorea bacilliform SN virus in the genus Badnavirus in the family Caulimoviridae

2010.013bP Change the names of the following 4 species: (i) Citrus mosaic virus to Citrus yellow mosaic virus, (ii) Dioscorea

bacilliform virus to Dioscorea bacilliform AL virus, (iii) Banana streak Mysore virus to Banana streak MY virus and (iv) Sugarcane bacilliform Mor virus to Sugarcane bacilliform MO virus

2010.014aP.A.v1.Caulimovirus_1sp

2010.014aP create species named *Lamium leaf distortion* virus in the genus *Caulimovirus* in the family *Caulimoviridae*

2010.015aP.A.v1.Emaravirus_1sp

2010.015aP create species named *Fig mosaic virus* in the unassigned genus *Emaravirus*

2010.016aP.A.v1.Ilarvirus_1sp

2010.016aP create species named *Lilac leaf chlorosis* virus in the genus *Ilarvirus* in the family *Bromoviridae*

2010.017a-eP.A.v2.Solendovirus

2010.017aP create new genus in the family Caulimoviridae

2010.017bP name the new genus Solendovirus

2010.017cP designate *Tobacco vein clearing virus* as type species in the new genus

2010.017dP remove *Tobacco vein clearing virus* from the genus *Cavemovirus*, family *Caulimoviridae*

2010.017eP reassign *Tobacco vein clearing virus* to the new genus *Solendovirus*

2010.018aP.A.v1.Soymovirus_1sp

2010.018aP create species named Cestrum yellow leaf curling virus in the genus Soymovirus in the family Caulimoviridae

2010.019aP.A.Tymovirus_1sp

2010.019aP create species named *Chiltepin yellow mosaic virus* in the genus *Tymovirus* in the family *Tymoviridae*, order *Tymovirales*

$2010.020aP.A.v1.Potyvirus_1sp$

2010.020aP create species named Sunflower chlorotic mottle virus in the genus Potyvirus in the family Potyviridae

2011.001aP.A.v1.Cavemovirus_1sp

2011.001aP create new species named Sweet potato collusive virus in the genus Cavemovirus, family Caulimoviridae



2011.002aP.A.v1.Solendovirus 1sp

2011.002aP create new species named *Sweet potato vein clearing virus* in the genus *Solendovirus* (proposed in <2010.017a-eP.U.v2.Solendovirus>), family *Caulimoviridae*

2011.003aP.A.v1.Nepovirus_1sp

2011.003aP create species *Melon mild mottle virus* in the genus *Nepovirus*, family *Secoviridae*, order *Picornavirales*

2011.004aP.A.v1.Potyvirus_1sp

2011.004aP create species *Yambean mosaic virus* in the genus *Potyvirus*, family *Potyviridae*

2011.006a,bP.A.v1_Begomo_rem,ren_Sp

2011.006aP Remove (abolish) 4 species (Tomato leaf curl Indonesia virus, Tomato leaf curl Pakistan virus, Squash yellow mild mottle virus and Pepper leaf curl Pakistan virus) from genus Begomovirus, family Geminiviridae

2011.006bP rename three species in the genus

Begomovirus: Corchorus yellow vein

Vietnam virus to Corchorus yellow vein

virus, Cucurbit leaf curl virus to Cucurbit

leaf crumple virus and Tomato mosaic leaf

curl virus to Merremia mosaic virus

2011.007aP.A.v1.Carmovirus_4sp

2011.007aP create 4 species (Calibrachoa mottle virus, Honeysuckle ringspot virus, Nootka lupine vein clearing virus and Soybean yellow mottle mosaic virus) in the genus Carmovirus, family Tombusviridae

2011.008aP.A.v1.Panicovirus_1sp

2011.008aP create species Cocksfoot mild mosaic virus in the genus Panicovirus, family Tombusviridae

2011.011aP.A.v1.Sobemovirus_1sp

2011.011aP create species named *Imperata yellow mottle* virus in the genus *Sobemovirus*

2011.012aP.A.v1Furovirus_1sp

2011.012aP create species named *Japanese soil-borne* wheat mosaic virus in the genus Furovirus in the family Virgaviridae

2011.013aP.A.v1.Badnavirus 2sp

2011.013aP create 2 species, *Sweet potato pakakuy virus* and *Grapevine vein clearing virus*, in the genus *Badnavirus* in the family *Caulimoviridae*

2011.014aP.A.v1.Marafivirus 1sp

2011.014aP create species named *Olive latent virus 3* in the genus *Marafivirus* in the family *Tymoviridae*, order *Tymovirales*

Prokarvote virus subcommittee

2009.001a-gB.A.v2.PB1likevirus

2009.001a,b,gB create species named Pseudomonas phage PB1, Pseudomonas phage SN, Pseudomonas phage 14-1, Pseudomonas phage LMA2, Pseudomonas phage LBL3, Pseudomonas phage F8. Burkholderia phage BcepF1 in the new genus PB1likevirus, family Myoviridae, order Caudovirales 2009.001c,eB create a new genus in the family Myoviridae 2009.001dB name the new genus PB1likevirus 2009.001fB designate Pseudomonas phage PB1 as type species in the new genus

2009.002a-gB.A.v2.Bcep781likevirus

2009.002a,b,gB create species named Burkholderia phage
Bcep781, Burkholderia phage Bcep43,
Burkholderia phage Bcep1, Burkholderia
phage BcepNY3, and Xanthomonas phage
OP2 in the new genus Bcep781likevirus,
family Myoviridae

2009.002c,eB create a new genus in the family
Myoviridae

2009.002dB name the new genus Bcep781likevirus
designate Burkholderia phage Bcep781
as type species in the new genus

2009.003a-gB.A.v2.Bcepmulikevirus

2009.003a,b,gB create species named *Burkholderia*phage BcepMu and Burkholderia

phage phiE255 in the new genus

Bcepmulikevirus, family Myoviridae

2009.003c,eB create a new genus in the family

Myoviridae



2009.003dB 2009.003fB	name the new genus <i>Bcepmulikevirus</i> designate <i>Burkholderia phage BcepMu</i> as type species in the new genus	2009.007c,dB	create a new species named <i>Vibrio</i> phage <i>KVP40</i> in the genus <i>Schizot4likevirus</i> (new), subfamily <i>Tevenvirinae</i> (new), family
2009.004a-gB.A.	v2.Hap1likevirus		Myoviridae, order Caudovirales
2009.004a,b,gB	create species named <i>Halomonas phage</i> phiHAP-1 and <i>Vibrio phage VP882</i> in the new genus <i>Hap1likevirus</i> , family <i>Myoviridae</i>	2009.007e,g,mB 2009.007fB	create a new genus in the subfamily Tevenvirinae (new), family Myoviridae, order Caudovirales name the new genus Schizot4likevirus
2009.004c,eB	create a new genus in the family <i>Myoviridae</i>	2009.007hB	designate <i>Vibrio phage KVP40</i> as type species in the new genus
2009.004dB 2009.004fB	name the new genus <i>Hap1likevirus</i> designate <i>Halomonas phage phiHAP-1</i> as type species in the new genus	2009.007j,lB	assign Vibrio phage nt-1 as an additional species in the new genus create a new subfamily in family
2009.005a-gB.A.	v2.PhiCD119likevirus	2000 0071-D	Myoviridae, order Caudovirales
2009.005a,b,gB	create species named Clostridium phage phiCD119, Clostridium phage phiC2 and Clostridium phage phiCD27 in the new genus PhiCD119likevirus, family Myoviridae	2009.007kB 2009.007nB	name the new subfamily <i>Tevenvirinae</i> assign <i>Acinetobacter phage 133</i> , <i>Aeromonas phage Aeh1</i> and <i>Aeromonas phage 65</i> as unassigned species in the new subfamily <i>Tevenvirinae</i>
2009.005c,eB	create a new genus in the family <i>Myoviridae</i>	2009.007o,pB	move the species <i>Vibrio phage nt-1</i> from the genus "T4-like viruses" to the
2009.005dB 2009.005fB	name the new genus <i>PhiCD119likevirus</i> designate <i>Clostridium phage phiCD119</i> as type species in the new genus	2009.007q,rB	genus Schizot4likevirus (new) remove the species Acinetobacter phage 133, Aeromonas phage Aeh1
2009.006a-gB.A.v2.FelixO1likevirus			and Aeromonas phage 65 from the genus "T4-like viruses" and designate
2009.006a,b,gB	create species named Salmonella phage FelixO1, Erwinia phage phiEa21-4 and		as unassigned in the new subfamily <i>Tevenvirinae</i>
	Escherichia phage wV8 in the new genus FelixOllikevirus, family Myoviridae	2009.009a-pB.A. 2009.009a,b,mB	v3.Spounavirinae create 5 new species (names:
2009.006c,eB	create a new genus in the family Myoviridae	2007.0074,0,1112	Staphylococcus phage Twort, Staphylococcus phage K,
2009.006dB 2009.006fB	name the new genus FelixOllikevirus designate Salmonella phage FelixOl as type species in the new genus		Staphylococcus phage G1, Listeria phage P100, Listeria phage A511) in the genus Twortlikevirus, subfamily
2009.007a-rB.A.	v3.Tevenvirinae		Spounavirinae (new), family Myoviridae, order Caudovirales
2009.007a,b,mB	create 10 new species (names: Escherichia phage JS98, Escherichia phage RB14, Escherichia phage RB16, Escherichia phage RB32, Escherichia phage RB43, Escherichia phage RB49, Escherichia phage RB69, Escherichia	2009.009c,dB	create 2 new species named Enterococcus phage phiEC24C and Lactobacillus phage LP65 to be unassigned in the subfamily Spounavirinae (new), family Myoviridae, order Caudovirales
	phage phi1, Aeromonas phage 31, Aeromonas phage 25) in the genus "T4-like viruses" (proposed name	2009.009e,g,mB	create a new genus in the subfamily Spounavirinae (new), family Myoviridae, order Caudovirales
	T4-like viruses (proposed hame T4likevirus), subfamily Tevenvirinae (new), family Myoviridae, order Caudovirales	2009.009fB 2009.009hB	name the new genus <i>Twortlikevirus</i> designate <i>Staphylococcus phage Twort</i> as type species in the new genus



2009.009iB	assign Staphylococcus phage K,
	Staphylococcus phage G1, Listeria
	phage P100 and Listeria phage A511
	as additional species in the new genus
2009.009j,lB	create a new subfamily in family
	Myoviridae, order Caudovirales
2009.009kB	name the new subfamily Spounavirinae
2009.009nB	assign Enterococcus phage phiEC24C
	and Lactobacillus phage LP65 as
	unassigned species in the new
	subfamily Spounavirinae
2009.009o,pB	move genus "SPO1-like viruses" (pro-
	posed name SPO1likevirus), currently
	unassigned in the family Myoviridae,
	into the new subfamily Spounavirinae

2009.012a-qV.A.v2.Peduovirinae

2009.012a-qv.A.	v2.Peduovirinae
2009.012a,b,mB	create 12 new species (names:
	Enterobacteria phage Wphi, Yersinia
	phage L-413C, Enterobacteria phage
	186, Enterobacteria phage PsP3,
	Salmonella Fels-2, Salmonella Sop-
	Ephi, Burkholderia phage phiE202,
	Mannheimia phage phiMhaA1-
	PHL101, Pseudomonas phage phiCTX,
	Burkholderia phage phi52237, Ralstonia
	phage RSA1, Burkholderia phage
	phiE12-2) in the genus "P2-like
	viruses" (proposed name P2likevirus),
	subfamily <i>Peduovirinae</i> (new), family
	Myoviridae, order Caudovirales
2009.012c,d,iB	create 6 new species (names: Hae-
	1.1 1 1111 11 1.1

2009.012c,d,iB	create 6 new species (names: Hae-
	mophilus phage HP1, Haemophilus
	phage HP2, Pasteurella phage F108,
	Vibrio phage K139, Vibrio phage
	Kappa, Aeromonas phage phiO18P)
	in the genus Hpllikevirus (new),
	subfamily Peduovirinae (new), family
	Myoviridae, order Caudovirales
	•

2009.012e,g,mB	create a new	genus in the sub	family
	Peduovirinae	(new), family M	yovir-
	idae, order Ca	udovirales	

	,
2009.012fB	name the new genus Hp1likevirus
2009.012hB	designate Haemophilus phage HP1 as
	type species in the new genus
2009.012j,lB	create a new subfamily in the family
	Myoviridae, order Caudovirales

2009.012kB name the new subfamily *Peduovirinae*2009.012n,oB move species Haemophilus phage HP1,
currently assigned to the genus "P2-like
viruses" (proposed name *P2likevirus*),

family *Myoviridae*, into the new genus *HP1likevirus*2009.012p,qB move genus "P2-like viruses" (proposed name *P2likevirus*), currently unassigned in the family *Myoviridae*, into the new subfamily *Peduovirinae*

2010.002a-gB.A.v2.Clavaviridae

2010.002aB	create species named Aeropyrum pernix
	bacilliform virus 1 in the new genus
	Clavavirus, family Clavaviridae
2010.002bB	create a genus in the family Clavaviridae
2010.002cB	name the new genus Clavavirus
2010.002dB	designate Aeropyrum pernix bacilliform
	virus 1 as type species in the new genus
2010.002eB	create an unassigned family
2010.002fB	name the new family Clavaviridae
2010.002gB	assign the new genus Clavavirus to the new
	family

${\bf 2011.002 aB.A.v2.} Remove_Enterophage Era {\bf 103}$

2011.002aB Remove (abolish) the species *Entero-bacteria phage Era103* from the genus "SP6-like viruses" (proposed new genus name *Sp6likevirus*)

2011.003aB.A.v2.Rename_phiKMV-like_species

2011.003aB in the genus "PhiKMV-like viruses" (proposed name *Phikmvlikevirus*) change the name of species *Enterobacteria phage phiKMV* to *Pseudomonas phage phiKMV* and *Enterobacteria phage LKA1* to *Pseudomonas phage LKA1*

2011.004abB.A.v2.Correct_AHJD-like_errors

2011.004aB Remove (abolish) species 44AHJD from genus "AHJD-like viruses" (proposed name Ahjdlikevirus), subfamily Picovirinae, family Podoviridae

2011.004bB change the name of species *Staphylococcus* phage AHJD to *Staphylococcus* phage 44AHJD

2011.005abB.A.v2.Correct_BPP-1-like_errors

2011.005aB remove (abolish) species Salmonella phage BPP-1 from genus "Bpp-1-like viruses" (proposed name Bpp1likevirus), family Podoviridae

2011.005aB designate *Bordetella phage BPP-1* as the type species of the genus "BPP-1-like viruses"



2011.006aB.A.v2.Ren_Myobacteria_phage_D29_sp		2010.001cV	create species named Deltapapillomavirus
2011.006aB	in the genus "L5-like viruses" (proposed name L5likevirus) change the name of species Mycobacteria phage D29 to Mycobacterium phage D29	2010.001dV	5 in the genus Deltapapillomavirus, family Papillomaviridae create 2 species named Lambdapapillomavirus 3 and Lambdapapillomavirus 4 in the genus Lambdapapillomavirus,
2011.007aB.A.v2.Ren_Enterobacteria_phage_N4_sp		2010.001eV	family <i>Papillomaviridae</i> create species named <i>Pipapillomavirus</i> 2
2011.007aB	in the genus "N4-like viruses", family <i>Podoviridae</i> , change the name of species <i>Enterobacteria phage N4</i> to <i>Escherichia phage N4</i>	2010.001fV	in the genus <i>Pipapillomavirus</i> , family <i>Papillomaviridae</i> create species named <i>Rhopapillomavirus</i> 1 in the proposed genus <i>Rhopapillomavirus</i> , family <i>Papillomaviridae</i>
Vertebrate virus subcommittee		2010.001gV	create species named Sigmapapil-
2009.005a-fV	A.v2.Aquaparamyxovirus		lomavirus 1 in the proposed genus Sigmapapillomavirus, family Papillomaviridae
2009.005a,bV	create species, named Atlantic salmon paramyxovirus, in the new genus Aquaparamyxovirus, subfamily Paramyxovirinae, family Paramyxoviridae, order	2010.001hV 2010.001iV	create species named <i>Taupapillomavirus 1</i> in the proposed genus <i>Taupapillomavirus</i> , family <i>Papillomaviridae</i> create 2 species named <i>Upsilonpapill</i> -
2009.005c,eV	Mononegaviales create a new genus in the subfamily Paramyxovirinae	2010.0011	omavirus 1 and Upsilonpapillomavirus 2 in the proposed genus Upsilonpapillomavirus, family Papillomaviridae
2009.005dV 2009.005fV	name the new genus <i>Aquaparamyxovirus</i> designate <i>Atlantic salmon paramyxovirus</i> as the type species of the new genus	2010.001jV	create species named <i>Phipapillomavirus 1</i> in the proposed genus <i>Phipapillomavirus</i> , family <i>Papillomaviridae</i>
2009.007a-fV.A.v2.Ferlavirus		2010.001kV	create 2 species named <i>Chipapillomavirus</i> 1 and <i>Chipapillomavirus</i> 2 in the proposed
2009.007a,bV	create species, named Fer-de-Lance paramyxovirus, in the new genus Ferlavirus, subfamily Paramyxovirinae, family Paramyxoviridae, order Mononeg-	2010.001IV	genus <i>Chipapillomavirus</i> , family <i>Papillo-maviridae</i> create species named <i>Psipapillomavirus</i> 1 in the proposed genus <i>Psipapillomavirus</i> , family <i>Papillomaviridae</i>
2009.007c,eV	avirales create a new genus in the subfamily Paramyxovirinae	2010.001mV	create species named <i>Omegapap-illomavirus 1</i> in the proposed genus
2009.007dV 2009.007fV	name the new genus <i>Ferlavirus</i> designate <i>Fer-de-Lance paramyxovirus</i> as the type species of the new genus	2010.001nV	Omegapillomavirus, family Papillomaviridae create species named Dyodeltapapillomavirus 1 in the proposed genus
2010.001a-kkkV.A.v2.Papillomaviridae			Dyodeltapillomavirus, family Papillomaviridae
2010.001aV 2010.001bV	create species named <i>Betapapillomavirus</i> 6 in the genus <i>Betapapillomavirus</i> , family <i>Papillomaviridae</i> create 5 species (<i>Gammapapillomavirus</i> 6, <i>Gammapapillomavirus</i> 7, <i>Gammapapillomavirus</i> 8, <i>Gammapapillomavirus</i> 9 and <i>Gammapapillomavirus</i> 10) in the genus <i>Gammapapillomavirus</i> , family <i>Papillomaviridae</i>	2010.001oV 2010.001pV	create species named <i>Dyoepsilonpap-illomavirus 1</i> in the proposed genus <i>Dyoepsilonpillomavirus</i> , family <i>Papillomaviridae</i> create species named <i>Dyozetapapillomavirus 1</i> in the proposed genus <i>Dyozetapillomavirus</i> , family <i>Papilloma-viridae</i>



2010.001qV	create species named <i>Dyoetapapillomavirus 1</i> in the proposed genus <i>Dyoeta-</i>	2010.001ssV	name the new genus Dyodeltapapillo- mavirus
	pillomavirus, family Papillomaviridae	2010.001ttV	designate Dyodeltapapillomavirus 1 as
2010.001rV	create species named Dyothetapapillom- avirus 1 in the proposed genus Dyothe-	2010.001uuV	type species in the new genus create new genus within the family
2010.001sV	tapillomavirus, family Papillomaviridae create species named Dyoiotapapillomavirus 1 in the proposed genus Dyoiota-	2010.001vvV	Papillomaviridae name the new genus Dyoepsilonpapil- lomavirus
2010.001tV	pillomavirus, family Papillomaviridae create new genus within the family	2010.001wwV	designate <i>Dyoepsilonpapillomavirus 1</i> as type species in the new genus
	Papillomaviridae	2010.001xxV	create new genus within the family
2010.001uV	name the new genus Rhopapillomavirus		Papillomaviridae
2010.001vV	designate <i>Rhopapillomavirus 1</i> as type species in the new genus	2010.001yyV	name the new genus Dyozetapapillo- mavirus
2010.001wV	create new genus within the family Papillomaviridae	2010.001zzV	designate <i>Dyozetapapillomavirus 1</i> as type species in the new genus
2010.001xV 2010.001yV	name the new genus Sigmapapillomavirus designate Sigmapapillomavirus 1 as type	2010.001aaaV	create new genus within the family Papillomaviridae
2010.001y v	species in the new genus	2010.001bbbV	name the new genus Dyoetapapillo-
2010.001zV	create new genus within the family		mavirus
	Papillomaviridae	2010.001cccV	designate Dyoetapapillomavirus 1 as
2010.001aaV	name the new genus Taupapillomavirus		type species in the new genus
2010.001bbV	designate <i>Taupapillomavirus 1</i> as type species in the new genus	2010.001dddV	create new genus within the family <i>Papillomaviridae</i>
2010.001ccV	create new genus within the family <i>Papillomaviridae</i>	2010.001eeeV	name the new genus Dyothetapapillo- mavirus
2010.001ddV	name the new genus Upsilonpapil-	2010.001fffV	designate Dyothetapapillomavirus 1 as
2010.001eeV	lomavirus designate Upsilonpapillomavirus 1 as	2010.001gggV	type species in the new genus
2010.001ee v	type species in the new genus	2010.001ggg v	create new genus within the family <i>Papillomaviridae</i>
2010.001ffV	create new genus within the family	2010.001hhhV	name the new genus Dyoiotapapillo-
2010.00111 v	Papillomaviridae	2010.001111111 v	mavirus
2010.001ggV 2010.00hhV	name the new genus <i>Phipapillomavirus</i> designate <i>Phipapillomavirus</i> 1 as type	2010.001iiiV	designate <i>Dyoiotapapillomavirus 1</i> as type species in the new genus
	species in the new genus	2010.001jjjV	Remove (abolish) species Human
2010.001iiV	create new genus within the family <i>Papillomaviridae</i>	2010.001kkkV	papillomavirus 71 rename 43 species in the family
2010.001jjV	name the new genus Chipapillomavirus		Papillomaviridae (Human papillomavirus
2010.001kkV	designate <i>Chipapillomavirus 1</i> as type		32 to Alphapapillomavirus 1; Human
	species in the new genus		papillomavirus 10 to Alphapapil-
2010.00111V	create new genus within the family		lomavirus 2; Human papillomavirus 61
2010.001mmV	Papillomaviridae		to Alphapapillomavirus 3; Human
2010.001mmV 2010.001nnV	name the new genus <i>Psipapillomavirus</i> designate <i>Psipapillomavirus</i> 1 as type		papillomavirus 2 to Alphapapillomavirus 4; Human papillomavirus 26 to
2010.0011111 v	species in the new genus		4; Human papillomavirus 26 to Alphapapillomavirus 5; Human papillom-
2010.001ooV	create new genus within the family		avirus 53 to Alphapapillomavirus 6;
2010.001ppV	Papillomaviridae name the new genus Omegapapillomavirus		Human papillomavirus 18 to Alphapapillomavirus 7; Human papillomavirus 7
2010.001ppV 2010.001qqV	designate Omegapapillomavirus 1 as		to Alphapapillomavirus 8; Human
2010.001qq v	type species in the new genus		papillomavirus 16 to Alphapapillo-
2010.001rrV	create new genus within the family		mavirus 9; Human papillomavirus 6
	Papillomaviridae		to Alphapapillomavirus 10; Human



papillomavirus 34 to Alphapapillomavirus 11; Rhesus monkey papillomavirus 1 to Alphapapillomavirus 12; Human papillomavirus 54 to Alphapapillomavirus 13; Human papillomavirus cand90 to Alphapapillomavirus 14; Human papillomavirus 5 to Betapapillomavirus 1; Human papillomavirus 9 to Betapapillomavirus Human papillomavirus Betapapillomavirus 3; Human papillomavirus cand92 to Betapapillomavirus 4; papillomavirus cand96 Betapapillomavirus 5; Human papillomavirus 4 to Gammapapillomavirus 1; Human papillomavirus 48 to Gammapapillomavirus 2; Human papillomavirus 50 to Gammapapillomavirus 3; Human papillomavirus 60 to Gammapapillomavirus 4; Human papillomavirus 88 to Gammapapillomavirus 5; European elk papillomavirus to Deltapapillomavirus 1; Deer papillomavirus to Deltapapillomavirus 2; Ovine papillomavirus 1 Deltapapillomavirus 3; **Bovine** papillomavirus 1 to Deltapapillomavirus **Bovine** papillomavirus Epsilonpapillomavirus 1; Equine papillomavirus 1 to Zetapapillomavirus 1; Fringilla coelebs papillomavirus to Etapapillomavirus 1; Psittacus erithacus timneh papillomavirus to thetapapillomavirus 1; Mastomys natalensis papillomavirus to Iotapapillomavirus 1; Rabbit oral papillomavirus to Kappapapillomavirus 1; Cottontail rabbit papillomavirus to Kappapapillomavirus 2; Feline papillomavirus to Lambdapapillomavirus 1; Canine oral papillomavirus to Lambdapapillomavirus 2; Human papillomavirus 1 to Mupapillomavirus 1; Human papillomavirus 63 to Mupapillomavirus 2; Human papillomavirus 41 to Nupapillomavirus 1; Bovine papillomavirus 3 to Xipapillomavirus 1; Phocoena spinipinnis papillomavirus to Omikronpapillomavirus 1; Hamster oral papillomavirus to Pipapillomavirus 1)

2010.003aV.A.v2.Nucleorhabdovirus-sp

2010.003aV create species named *Maize Iranian mosaic* virus in the genus *Nucleorhabdovirus*, family *Rhabdoviridae*



2010.004aV create species named *Torque teno zalophus virus 1* in the proposed genus *Lambdatorquevirus*, family *Anelloviridae*

2010.004bV create new genus within the family Anelloviridae

2010.004cV name the new genus *Lambdatorquevirus*2010.004dV designate *Torque teno zalophus virus 1* as type species in the new genus

2010.005a-dV.A.v3.Kappatorquevirus

2010.005aV create species named *Torque teno sus virus* k2 in the proposed genus *Kappatorquevirus*, family *Anelloviridae*

2010.005bV create new genus within the family *Anelloviridae*

2010.005cV name the new genus *Kappatorquevirus* 2010.005dV designate *Torque teno sus virus k2* as type species in the new genus

2010.006aV.A.v2.Etatorquevirus-sp

2010.006aV create species named *Torque teno felis virus*2 in the genus *Etatorquevirus*, family
Anelloviridae

2010.007aV.A.v2.Betatorquevirus-3sp

2010.007aV create 3 species named *Torque teno mini* virus 10, *Torque teno mini virus* 11 and *Torque teno mini virus* 12 in the genus *Betatorquevirus*, family *Anelloviridae*

2010.008aV.A.v2.Gammatorquevirus-13sp

2010.008aV create 13 species (Torque teno midi virus 3, Torque teno midi virus 4, Torque teno midi virus 5, Torque teno midi virus 6, Torque teno midi virus 7, Torque teno midi virus 8, Torque teno midi virus 9, Torque teno midi virus 10, Torque teno midi virus 11, Torque teno midi virus 12, Torque teno midi virus 13, Torque teno midi virus 14, Torque teno midi virus 15) in the genus Gammatorquevirus, family Anelloviridae

2010.009aV.A.v2.Rhabdoviridae-sp

2010.009aV create species named *Moussa virus* unassigned in the family *Rhabdoviridae*, order *Mononegavirales*

2010.010aV.A.v1.Ebolavirus-sp

2010.010aV create species named *Bundibugyo ebolavirus* in the genus *Ebolavirus*, family *Filoviridae*, order *Mononegavirales*



2010.010bV.A.v3.Ebolavirus-ren-Sp

2010.010bV replace the species name Lake Victoria marburgvirus by Marburg marburgvirus in the genus Marburgvirus

2010.011aV.A.v1.Mastadenovirus-sp

2010.011aV create species named *Bat adenovirus A* in the genus *Mastadenovirus*, family *Adenoviridae*

2010.012aV.A.v1.Mastadenovirus-ren5sp

2010.012aV rename 5 species in the genus *Mastade-novirus*, family *Adenoviridae*, by adding a letter designation

2010.014aV.A.v1.Mardivirus-sp

2010.014aV create species named *Anatid herpesvirus 1* in the genus *Mardivirus*, subfamily *Alphaherpesvirinae*, family *Herpesviridae*, order *Herpesvirales*

2010.015aV.A.v1.Cyprinivirus-sp

2010.015aV create species Anguillid herpesvirus 1 in the genus Cyprinivirus, family Alloherpesviridae, order Herpesvirales

2010.016a-eV.A.v2.Scutavirus

2010.016aV create new genus within the subfamily Alphaherpesvirinae, family Herpesviridae, order Herpesvirales
2010.016bV name the new genus Scutavirus

2010.016cV designate *Chelonid herpesvirus 5* as type species in the new genus

2010.016dV remove species *Chelonid herpesvirus 5* from its unassigned position in the subfamily *Alphaherpesvirinae*, family *Herpesviridae*

2010.016eV reassign the above species to the new genus

2010.017a-cV.A.v3.Avastrovirus

2010.017aV create 3 species named Avastrovirus 1, Avastrovirus 2 and Avastrovirus 3 in the genus Avastrovirus, family Astroviridae

2010.017bV remove (abolish) the species *Chicken astrovirus*, *Duck astrovirus* and *Turkey astrovirus* from the genus *Avastrovirus*,
family *Astroviridae*

2011.017cV designate *Avastrovirus 1* as the type species of the genus

2010.018a-cV.A.v4.Mamastrovirus

2010.018aV create 14 species (Mamastrovirus 4, Mamastrovirus 5, Mamastrovirus 6, Mamastrovirus 7, Mamastrovirus 8, Mamastrovirus 9,

Mamastrovirus 11, Mamastrovirus 12, Mamastrovirus 14, Mamastrovirus 15, Mamastrovirus 16, Mamastrovirus 17, Mamastrovirus 18, Mamastrovirus 19) in the genus Mamastrovirus, family Astroviridae

2010.018bV remove (abolish) the species *Bovine*astrovirus from the genus *Mamastrovirus*,
family *Astroviridae*

2010.018cV change the names of 5 species in the genus Mamastrovirus as follows: Feline astrovirus to Mamastrovirus 2, Human astrovirus to Mamastrovirus 1, Mink astrovirus to Mamastrovirus 10, Ovine astrovirus to Mamastrovirus 13, Porcine astrovirus to Mamastrovirus 3

2010.019a-eV.A.v1.Crocodylidpoxvirus

2010.019aV create new species named Skunkpox virus within the genus Orthopoxvirus, subfamily Chordopoxvirinae, family Poxviridae

2010.019bV create new species named *Nile crocodilepox* virus within the proposed genus *Crocodylidpoxvirus*, subfamily *Chordopoxvirinae*, family *Poxviridae*

2010.019cV create new genus within the subfamily *Chordopoxvirinae*, family *Poxviridae*

2010.019dV name the new genus *Crocodylidpoxvirus*2010.019eV designate *Nile crocodilepox virus* as type species in the new genus

2010.020abV.A.v1.Poxviridae-2sp_ren

2010.020aV replace the species name Squirrel poxvirus by Squirrelpox virus in the subfamily Chordopoxvirinae, family Poxviridae

2010.020bV replace the species name *Deerpox virus* W-848-83 by *Mule deerpox virus* in the genus *Cervidpoxvirus*, family *Poxviridae*

2010.021a-gV.A.v1.Bidnaviridae

2010.021aV create species named *Bombyx mori bidenso*virus in the proposed genus *Bidensovirus*, in the proposed family *Bidnavridae*

2010.021bV create new genus within the family Bidnavridae

2010.021cV name the new genus *Bidensovirus*

2010.021dV designate *Bombyx mori bidensovirus* as type species in the new genus

2010.021eV create new unassigned family

2010.021fV name the family Bidnaviridae

2010.021gV assign the genus *Bidensovirus* to the new family



2010.023a-dV.U.v2.Deltacoronavirus

2010.023aV create 3 new species named Bulbul coronavirus HKU11, Thrush coronavirus HKU12 and Munia coronavirus HKU13 in the proposed genus Deltacoronavirus, in the subfamily Coronavirinae, family Coronaviridae

2010.023bV create a new genus in the subfamily

Coronavirinae, family Coronaviridae
2010.023cV name the new genus Deltacoronavirus

2010.023dV designate *Bulbul coronavirus HKU11* as type species in the new genus

2010.024a,bV.A.v1.Phlebovirus_2sp-ren

2010.024aV change the name *Chandiru virus*, a species in the genus *Phlebovirus*, to *Candiru virus* 2010.024bV change the name *Salehebad virus*, a species in the genus *Phlebovirus*, to *Salehabad virus*

2011.002aV.A.v2.Anelloviridae_2Sp-ren

2011.002aV change the names of the following two species: Torque teno sus virus 1 to Torque teno sus virus 1a (genus Iotatorquevirus) and Torque teno sus virus 2 to Torque teno sus virus 1b (genus Iotatorquevirus)

2011.003aV.A.v2.Arenavirus-Sp

2011.003aV create species named *Lujo virus* in genus *Arenavirus*, family *Arenaviridae*

2011.004aV.A.v3.Rhadinovirus-Sp

2011.004aV create species *Murid herpesvirus 7* in the genus *Rhadinovirus*, subfamily *Gammaherpesvirinae*, family *Herpesviridae*, order *Herpesvirales*

2011.005a-cV.A.v2.Roseolovirus-2sp,rensp

2011.005aV create species *Human herpesvirus 6A* and *Human herpesvirus 6B* in the genus *Roseolovirus*, subfamily *Betaherpesvirinae*, family *Herpesviridae*, order *Herpesvirales*2011.005bV Remove (abolish) species *Human herpesvirus 6* from genus *Roseolovirus*2011.005cV designate *Human herpesvirus 6A* as the type

2011.006aV.A.v1.Lyssavirus-Sp

2011.006aV create species named *Shimoni bat virus* in the genus *Lyssavirus*

species of the genus

2011.013aV.A.v3.Rhadinovirus-Sp

2011.013aV create species *Cricetid herpesvirus 2* in the genus *Rhadinovirus*, subfamily *Gammaher*-

pesvirinae, family Herpesviridae, order Herpesvirales

2011.014aV.A.v2.Muromegalovirus-Sp

2011.014aV Create species Murid herpesvirus 8 in the genus Muromegalovirus, subfamily Betaherpesvirinae, family Herpesviridae, order Herpesvirales

2011.016aV.A.v2.Aphthovirus-Sp

2011.016aV create species *Bovine rhinitis A virus* within the genus *Aphthovirus*, family *Picornaviridae*

2011.023aV.A.v1.Aviadenovirus-Sp

2011.023aV Create species *Turkey adenovirus B* in the genus *Aviadenovirus*, family *Adenoviridae*

2011.024aV.A.v1.Mastadenovirus-2Sp

2011.024aV Create two species, *Bat adenovirus B* and *Murine adenovirus B*, in the genus *Mastadenovirus*, family *Adenoviridae*

2011.025aV.A.v1.Siadenovirus-Sp

2011.025aV Create species *Great tit adenovirus A* in the genus *Siadenovirus*, family *Adenoviridae*

Conclusion

All of the above taxonomic proposals were unanimously (or nearly unanimously) approved by the membership who voted. A number of suggestions were received during the voting process. These included requests to rationalize species demarcation criteria across virus families, to pay continued attention to clarity in naming new genera and to seek multiple species demarcation criteria so that new species are not created solely on the basis of a measure of nucleotide sequence identity. The ICTV continues to discuss these issues and welcomes comments on all taxonomic proposals as they are posted on the ICTV web site. The return rate of votes was approximately 48%. These taxonomic changes are now part of the official ICTV taxonomy and supplement the taxonomy presented in the Ninth ICTV Report published in 2011 [1]. An up-to-date list of all approved taxa can be found on the ICTV online web site.

References

 King AMQ, Adams MJ, Carstens EB, Lefkowitz EJ (2011) Virus taxonomy. Ninth report of the international committee on taxonomy of viruses. Elsevier Academic Press, London, San Diego

