

A summary of taxonomic changes recently approved by ICTV

M. A. Mayo

Scottish Crop Research Institute, Dundee, U.K.

A number of taxonomic proposals were approved by the Executive Committee of the International Committee on Taxonomy of Viruses (ICTV) at its meeting in Houston earlier this year. These are listed in [1]. These proposals have now been approved by a vote of the full ICTV, as required by ICTV Statutes [2]. The resulting changes include the creation of 6 new families and 8 new genera. These are listed below in Tables 1 and 2 respectively. Names of three genera were also changed (Table 3). The other changes are to the lists, and in a few instances the names, of species classified in particular genera. For a listing of these changes, the reader is referred to the detailed listing of the proposals in [1].

Table 1. New virus families

Type of host	New families	Genera
<i>Vertebrates</i>	<i>Roniviridae</i>	<i>Okavirus</i>
<i>Plants</i>	<i>Nanoviridae</i> <i>Tymoviridae</i>	<i>Nanovirus</i> , <i>Babuvirus</i> <i>Tymovirus</i> , <i>Marafivirus</i> , <i>Maculavirus</i>
<i>Invertebrates</i>	<i>Nimaviridae</i> <i>Dicistroviridae</i>	<i>Whispovirus</i> <i>Cripavirus</i>
<i>Fungi</i>	<i>Chrysoviridae</i>	<i>Chrysovirus</i>

Table 2. New virus genera

New genera	Family	Type species
<i>Okavirus</i>	<i>Roniviridae</i>	<i>Gill-associated virus</i>
<i>Isavirus</i>	<i>Orthomyxoviridae</i>	<i>Infectious salmon anemia virus</i>
<i>Avulavirus</i>	<i>Paramyxoviridae</i>	<i>Newcastle disease virus</i>
<i>Henipavirus</i>	<i>Paramyxoviridae</i>	<i>Hendra virus</i>
<i>Babuvirus</i>	<i>Nanoviridae</i>	<i>Banana bunchy top virus</i>
<i>Maculavirus</i>	<i>Tymoviridae</i>	<i>Grapevine fleck virus</i>
<i>Ampelovirus</i>	<i>Closteroviridae</i>	<i>Grapevine leafroll-associated virus 3</i>
<i>Whispovirus</i>	<i>Nimaviridae</i>	<i>White spot syndrome virus 1</i>

Table 3. Genus name changes

Family	Old name	New name
<i>Caliciviridae</i>	“Norwalk-like viruses”	<i>Norovirus</i>
	“Sapporo-like viruses”	<i>Sapovirus</i>
<i>Bunyaviridae</i>	<i>Bunyavirus</i>	<i>Orthobunyavirus</i>
–	“Cricket Paralysis-like Virus”	<i>Cripavirus</i>

References

1. Mayo MA (2002) Virus Taxonomy – Houston 2002. Arch Virol 147: 1071–1076
2. Van Regenmortel MHV, Fauquet CM, Bishop DHL, Carstens E, Estes M, Lemon S, Maniloff J, Mayo MA, McGeoch D, Pringle CR, Wickner RB (2000) (eds) Virus Taxonomy. Seventh Report of the International Committee on Taxonomy of Viruses. Academic Press, New York

Author’s address: Dr. M. A. Mayo, Scottish Crop Research Institute, Invergowrie, Dundee, DD2 5DA, U.K.; E-mail: mmayo@scri.sari.ac.uk