# **Picornavirus Taxonomy: Seventh ICTV** Report, Species, and Other Issues

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## Names and assignments approved since the last ICTV Report

Vilyuisk human encephalomyelitis virus (VHEV), a close relative of Theiler's murine encephalomyelitis virus (TMEV), has been transferred to the genus Cardiovirus.

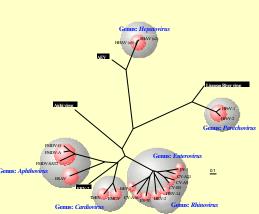
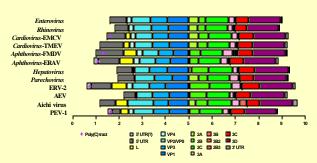


Fig. 3. Neighbor-joining tree of the 1ABC capsid region based on amino acid similarity m illustrating the relationship of Ljungan River virus to the genus *Parechovirus*.



We would like thank the following people for providing us with sequences prior to publication. Michele Doberty and Liz Hoey for the PEV-1 sequence: Philip Marviforthe AEV sequence; Jianhong Pengforth d'EV-8 and PEV-9 sequences; and lan Clark d'orthe "Povine calicili be rior" on the prior to the prior to

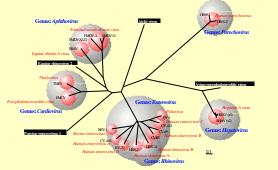


Fig. 1. Neighbor-joining tree of the P1 capsid region based on amino acid sin produced using Clustal X\* and plotted using TreeView 1.5.2.

# Agenda for Europic '98

Agree any amendments to the proposed species list before it is subr for publication in the Seventh Report.

Figs. 1 - 4 illustrate the genetic relationships involving these, recently sequenced, picornaviruses.

## Help!

Please giveyour taxonomy Study Group feedback about what we have done and your suggestions for the future. Our names are listed at the head of this poster.

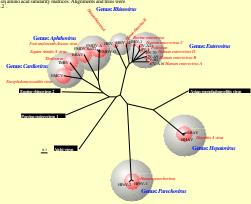
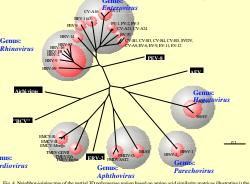


Fig. 2. Neighbor-joining tree of the combined 2C and 3CD regions based on acid similarity matrices.



A Pingle, C.R. (1996). Virus taxonomy 1996 - a bulletin from the Xth International Congress of Virology in Jerusalem. Archives of Virology 141: 2251-2256; Pringle, C.R. (1997). Virus taxonomy 1997. Archives of Virology 142: 1727-1732; Pringle, C.R. (1998). The Universal System of Virus Taxonomy 45th defined and the International Committee on Virus 1 taxonomy 45th and 1995. Archives of Virology 143: 203-210, Pringle, C.R. (1998). Virus 1 taxonomy 45th and Deep 1998. Archives of Virology 143: 203-210, Pringle, C.R. (1998). Virus 200-200. Pringle 45th and 1995. Archives of Virology 143: 203-210, Pringle, C.R. (1998). Virus 200-200. Pringle 45th and 1995. Archives of Virology 143: 203-210, Pringle, C.R. (1998). Virus 200-200. Pringle 45th and 1995. Archives of Virology 143: 203-210, Pringle, C.R. (1998). Virus 200-200. Pringle 45th and 1995. Archives of Virology 143: 203-210, Pringle, C.R. (1998). Virus 200-200. Pringle 45th and 1995. Archives of Virology 143: 203-210, Pringle, C.R. (1998). Virus 200-200. Pringle 45th and 1995. Archives of Virology 143: 203-210, Pringle, C.R. (1998). Virus 200-200. Pringle 45th and 1995. Archives of Virology 143: 203-210, Pringle, C.R. (1998). Virus 200-200. Pringle, C.R. (1998). Vir

also to our ICTV Picornaviridae Study Group web page at:
http://www.iah.bbsrc.ac.uk/virus/Picornaviridae/picornastudygroup/psg.htm