MINUTES OF THE 7th MEETING OF THE ICTV EDMONTON, CANADA, 12th AUGUST 1987

7/1 NUMBER OF MEMBERS PRESENT: 24
NUMBER OF NON-MEMBERS PRESENT : 26

7/2 The President noted with regret the death of Professor P. Wildy and paid tribute to his pioneering work and great contribution to virus taxonomy.

7/3 The minutes of the 6th Meeting of the ICTV in Sendai, Japan held on 5th Septenber 1984 were approved. There were no matters arising.

7/4 Election of new officers.

President. The voting for the two candidates was as follows

R.I.B. Francki 15
F.A. Murphy 9

R.I.B. FRANCKI was declared elected as the new President of the ICTY

Vice-President H.-W. ACKERMANN
Chairmen of Sub-Committees

Vertebrate D.H.L. BISHOP
Invertebrate M.D. SUMMERS
Plant G.P. MARTELLI
Fungal S.A. GHABRIAL
Bacterial H.-W. ACKERMANN
Virus Data D.L. KNUDSON

Members of the Executive Committee
M.A. MAYO
P. AHLQUIST
R. GRANADOS
Y. GHENDON
D.B. WILLIS

Secretaries
K.W. Buck who had been Acting Secretary since the retirement of Dr. V. Valenta in 1984 was confirmed as Secretary. C. Fauquet was elected as the second Secretary.

7/5 Taxonomic Proposals Approved
From the Vertebrate Virus Sub-committee
Taxonomic Proposal No. 1
To establish a new genus consisting of viruses designated as influenza type C viruses.
Taxonomic Proposal No. 2
Withdrawal of the genus Poikilovirus, subfamily Alphaherpesvirinae from the current classification of the family Herpesviridae.
Taxonomic proposal No. 3

Erection of the genus Varicellovirus in the subfamily Alphaherpesvirinae, family Herpesviridae.

Taxonomic Proposal No. 4

To designate human herpesvirus 3 as the type species of the genus Varicel1ovirus.

Taxonomic proposal No. 5

To designate as members of the Varicellovirus genus: Human herpesvirus 3, Suid herpesvirus 1, Equid herpesvirus 1, Equid herpesvirus 4, Bovid herpesvirus 1

Taxonomic Proposal No. 6

To name a virus, previously known as human β-lymphotrophic virus, as human herpesvirus 6.

Taxonomic Proposal No. 7

Establishment of a new genus, the Hantavirus genus, in the Bunyaviridae family.

Taxonomic Proposal No. 8

Designation of Hantaan virus as the type species of the Hantavirus genus.

Taxonomic Proposal No. 9

Designation to the Hantavirus genus of viruses in the Hantavirus serogroup Hantaan virus, Lee virus, Seoul virus, Tchoupitoulas virus, Girard Point virus, Sapporo rat virus, Prospect Hill virus, Puumala virus

Taxonomic Proposal No. 10

To establish a new family of negative stranded RNA viruses, based on Marburg and Ebola viruses, with properties significantly from those of established families.

Taxonomic Proposal No. 11

To name the family of viruses in taxonomic proposal no. 10 the Filoviridae.

After discussion of possible alternative names, this proposal was approved by 12 votes to 2 with 2 abstentions.

Taxonomic Proposal No. 1Z

To establish one genus in the Filoviridae family..

Taxonomic Proposal No. 13

To name the genus in the Filoviridae family, the Filovirus genus.

Taxonomic Proposal No. 14

To designate Marburg virus as the type species of the Filovirus genus.

Taxonomic Proposal No. 15

To designate members of the Filovirus genus Marburg Ebola virus

From the Invertebrate Virus Sub-committee

Taxonomic proposal No. 16

To name the family of viruses, known as the Nudaurelia β virus group, the Tetraviridae.

From the Bacterial Virus Sub-Committee

Taxonomic Proposal No. 17

To establish a new family for rod-shaped, enveloped phages with double-stranded DNA, known by the vernacular name of "the TTV1 group".

Taxonomic Proposal No. 18

To establish one genus within the family described in taxonomic proposal No. 17.

Taxonomic Proposal No. 19

To establish the enveloped, filamentous rod-shaped phage associated with the archaebacterium *Thermoproteus tenax*, known as *Thermoproteus tenax* virus 1 (TTVI), as the type species of the genus described in taxonomic proposal No. 18.

From the Fungal Virus Sub-Committee

Taxonomic Proposal No. 20

To establish a genus of isometric double-stranded DNA viruses of fungi, with possible affinities with the *Adenoviridae*.

Taxonomic proposal No. 21

To name the genus in taxonomic proposal No. 20 the Rhizidiovirus genus.

Taxonomic proposal No. 22

To designate the virus from *Rhizidiomyces* sp. isolate F as the type species of the *Rhizidiovirus* genus.

From the Plant Virus Sub-Committee

Taxonomic proposal No. 23

To form a group containing four filamentous plant viruses, two of which form a cluster atypical of the closteroviruses to which they have been assigned.

Taxonomic Proposal Mo. 24

To name the group of viruses in taxonomic proposal no. 23, the Capillovirus group.

Taxonomic Proposal No. 25

To designate apple stem grooving virus as the type member of the Capillovirus group.

Taxonomic Proposal No. 26

To designate members of the Capillovirus group: Apple stem grooving virus, Potato virus T

Taxonomic Proposal No. 27

To form a group to include carnation mottle virus and viruses with similar properties.

Taxonomic Proposal No. 28

To name the group of viruses described in taxonomic proposal No. 27 the Carmovirus group.

Taxonomic Proposal No. 29

To designate carnation mottle virus as the type member of the Carmovirus group.

Taxonomic Proposal No. 30

To designate members and possible members of the Carmovirus group.

Members ; Carnation mottle virus, Turnip crinkle virus, Galinsoga mosaic virus, Glycine mottle virus, Hibiscus chlorotic ringspot virus, Pelargonium flower break virus, Saguaro cactus virus.

Possible members: Bean mild mosaic virus, Blackgram mottle virus, Cowpea mottle virus, Elderberry latent virus, Melon necrotic spot virus, Narcissus tip necrosis virus, Plantain 6 virus, Tephrosia symptomless virus.

Taxonomic Proposal No.31

To form a group, containing isometric, virus-like particles which contain a segmented double-stranded RNA, are transmitted only by seed and pollen, occur in very low numbers in affected plants and are not associated with obvious symptoms. Members of the group have possible affinities with members of the *Partitiviridae* family.

Taxonomic Proposal No. 32

To name the group of viruses, described in taxonomic proposal no. 31, the Cryptovirus group.

Taxonomic Proposal No. 33

To designate two subgroups of the Cryptovirus group based on particle size and morphology:

Subgroup A - isometric, smooth, 30nm diameter

Subgroup B - isometric, prominent subunits, 38 nm diameter

Taxonomic Proposal No. 34

To designate type members of the two subgroups of the Cryptovirus group
Subgroup A - White clover cryptic virus 1
Subgroup B - White clover cryptic virus 2

Taxonomic Proposal No. 35

To designate members and possible members of each subgroup of the Cryptovirus group:

Sub-groups A:

Members: Beet cryptic virus 1, Beet cryptic virus 2, Carnation cryptic virus 1, Hop trefoil cryptic virus 1, Radish yellow edge virus, Ryegrass cryptic virus, Spinach temperate virus, Vicia cryptic virus, White clover cryptic virus 1, White clover cryptic virus 3.

Possible members: Alfalfa cryptic virus 1, Carnation cryptic virus 2, Carrot temperate virus, Fescue cryptic virus, Hop trefoil cryptic virus 3, Garland chrysanthemum temperate virus, Mibuna temperate virus, Poinsettia cryptic virus, Red clover cryptic virus 1, Red pepper cryptic virus 1, Red pepper cryptic virus 2, Rhubarb temperate virus, Santosai temperate virus.

Sub-group B

Members: Hop trefoil cryptic virus 2, Red clover cryptic virus 2, White clover cryptic virus 2.

Possible member: Alfalfa cryptic virus 2

Taxonomic Proposal No. 36

To form a group containing three serologically related and unclassified isometric plant viruses.

Taxonomic Proposal No. 37

To name the group described in taxonomic proposal no. 36 the Fabavirus group.

Taxonomic Proposal No. 38

To designate broadbean wilt virus, serotype I, as the type member of the Fabavirus group.

Taxonomic Proposal No. 39

To designate as members of the Fabavirus group: Broadbean wilt virus, serotype I, Broadbean wilt virus, serotype II, Lamium mild mosaic virus

Taxonomic Proposal No. 40

To form a group containing the bipartite single-stranded RNA genome, fungus-transmitted viruses previously designated possible members of the Tobamovirus group, and other similar viruses.

Taxonomic Proposal No. 41

To name the group described in taxonomic proposal no. 40 the Furovirus group.

Taxonomic proposal No. 42

To designate soil-borne wheat mosaic virus as the type member of the Furovirus group.

Taxonomic Proposal No. 43

To designate members and possible members of the Furovirus group

Members: Soilborne wheat mosaic virus, Peanut clump virus, Potato mop top virus.

Possible members: Beet necrotic yellow vein virus*, Broadbean necrosis virus, Oat golden stripe virus, Rice stripe necrosis virus.

* Listed as a possible member because the relationship of the smaller RNAs 3 & 4 to the organisation of the genome is uncertain.

Taxonomic Proposal No. 44

To divide the Geminivirus group into two subgroups (A and B) on the basis of genome organisation and insect vector.

Sub-group A : viruses vectored by leafhoppers and containing a monopartite genome

Sub-group B : viruses vectored by whiteflies and containing a bipartite genome.

Taxonomic proposal No. 45

To designate members and probable members of subgroup A of the Geminivirus group

Members: Maize streak virus, Chloris striate mosaic virus, Digitaria streak virus, Wheat dwarf virus.

Probable member: Beet curly top virus*, Beet pseudo curly top virus, Miscanthus streak virus, Tobacco yellow dwarf virus (possibly synonymous with bean summer death virus).

* Listed as a probable member because it has biological properties of sub-group A but genome organisation more like that of DNA-1 of sub-group B.

Taxonomic Proposal No. 46

To designate members, and probable and possible members, of the sub-group B of the Geminivirus group.

Members: African cassava mosaic virus, Bean golden mosaic virus, Euphorbia mosaic virus, Mungbean yellow mosaic virus, Squash leaf curl virus, Tobacco leaf curl virus, Tomato golden mosaic virus (possibly synonymous with tomato yellow mosaic virus).

Probable members: Cotton leaf crumple virus, Eupatorium yellow vein virus, Jatropha mosaic virus, Tomato leaf curl virus (possibly synonymous with tomato yellow leaf curl virus), Soybean crinkle virus.

Possible member: Abutilon mosaic virus

Taxonomic Proposal No. 47

To form a new group, designated the parsnip yellow fleck virus group, containing three isometric, semi-persistent, aphid-borne plant viruses.

Taxonomic Proposal No. 48

To designate parsnip yellow fleck virus (parsnip strain) as the type member of the parsnip yellow fleck virus group.

Taxonomic proposal No. 49

To designate members and possible members of the parsnip yellow fleck virus group.

Members: Parsnip yellow fleck virus (parsnip strain), Parsnip yellow fleck virus (Anthriscus strain)

Possible member: Dandelion yellow mosaic virus

Taxonomic Proposal No. 50

That cucumber necrosis virus, a member of the Necrovirus group, be removed from that group.

Recent work in two laboratories has clearly established that cucumber necrosis virus has a closer affinity to the tombusviruses than to any other group. The proposal to change the group classification is based on dsRNA analysis, coat protein molecular weights, RNA sequences and other evidence. The consequence of this change is to leave tobacco necrosis virus as the sole member of the Necrovirus group.

Taxonomic Proposal No. 51

That the following viruses be designated as other members of the Tombusvirus group:

Other members: Artichoke mottled crinkle virus, Eggplant mottled crinkle virus, Carnation Italian ringspot virus, Cymbidium ringspot virus, Grapevine Algerian latent virus, Morrocan pepper virus, Neckar River virus, Pelargonium leaf curl virus, Petunia asteroid mosaic virus.

Taxonomic proposal No. 52

That the following viruses be deleted from the list of possible members of the Tombusvirus group: Saguaro cactus virus, Turnip crinkle virus

Taxonomic proposal No. 53

That the following viruses be designated possible members of the Tombusvirus group: Cucumber leaf spot virus, Cucumber necrosis virus, Cucumber soilborne virus

Taxonomic proposal No. 54

That "Marafivirus" be designated as the international name for the maize rayado fino virus group.

Taxonomic Proposal to. 55

That "Tenuivirus" be designated as the international name for the rice stripe virus group.

Derivation of name : tenui : from Latin, tenuis meaning thin, fine, weak.

Taxonomic Proposal No. 56

To remove the following possible members of the Tobamovirus group: Beet necrotic yellow vein virus, Peanut clump virus, Potato mop top virus, Soil-borne wheat mosaic virus

7/6 Proposal Not Approved

A proposal to name the genus described in taxonomic proposal no. 1 (the influenza type C viruses) the Mesoinfluenzavirus genus was referred back to the Orthomyxovirus Study Group of the Vertebrate Virus Sub-Committee for further consideration. The major objection was that influenza type C viruses are not in the middle between the Influenzavirus genus and the Paramyxoviridae family. Alternative names suggested were Alloinfluenza virus and Metainfluenzavirus.,

7/7 Naming of Herpes viruses

It was suggested that some veterinary virologists may prefer to retain the older nomenclature for the host species, e.g. equine, bovine etc. rather than the newer, although now well established, nomenclature e.g. equid, bovid etc. These comments would be passed on to the Herpes Virus Study Group of the Vertebrate Virus Sub-Committee.

7/8 Circulation of Taxonomic Proposals

It was agreed that taxonomic proposals would continue to be circulated to all members of the ICTV to allow members who were unable to attend meetings to send comments to the Secretary.

7/9 Circulation of Minutes

A proposal that minutes be produced on Microfiche to reduce the cost of postage in their circulation was rejected. It was felt that many members of the ICTV may not have easy access to Microfiche readers.

7/10 Fifth Report of the ICTV

F. Brown reported on progress in producing the report (see Minutes of the 17th Meeting of the ICTV, Edmonton, Canada, 8th-9th August 1987, E17/2).

7/11 New Life Member

It-was proposed by J. Maurin and seconded by K.W. Buck that on account of his valuable contributions to virus taxonomy over many years, F. Brown be made a Life Member of the ICTV. This was accepted nem con.