DESIGNATION OF TYPES OF VIRUS TAXA, II.

Fred A. Barkley*

Since the publication of the previous list (Barkley. Int. Bull. Bact. Nomen. Tax. 8:117-130. 1958.) some additional material has come to hand which should be indicated. Further some corrections need to be made. The author is grateful to Dr. F. O. Holmes and to Mr. J. Cohn for pointing out some of the errors and ambiguities in the original paper.

The writer recently received a reprint of the article1 by Zhdanov and Korenblit (Zhdanov and Korenblit, Zhurnal Microb. Epidemiol. i Immuno-biol. 9:40-44. 1950.). Dr. Zhdanov has stated that the journal was printed and distributed in Russia. While there may be some question as to whether this constitutes valid publication, there are no specified repositories necessary for deposit of newly published names of viruses. The descriptions of these consist only of their common names in Russian, quite in contrast with the full characterization given by Zhdanov in his later publications (Zhdanov. Opred. Virusov. Chelov. i Zhivot. 348 pages. Moscow. 1953; Shdanov. Viren. 279 pages. Jena. 1957.). The present writer would consider a virus as having been described, if that virus may be identified from its description, however brief the description may be. (No one has proposed a realistic specification for the description of viruses; information on size, growth in embryonated eggs or in experimental animals, Latin descriptions, type cultures, electron photomicrographs, and experimental infections is desirable, but not always possible.)

Since the list originally published (Barkley, loc. cit. 1958.) includes only those names listed in Zhdanov and Korenblit (1950) as cited by Zhdanov (1953), some additional names published in 1950 but not cited by Zhdanov must be added.

Pagination corrections in the author’s original list, with reference to the Ryzhkov publication of 1952 (Microbio-

---

*Microbiology Department, Basic Science Division, Warner Lambert Research Institute, Morris Plains, New Jersey.
1 This separate of the publication is now deposited in the Library of Congress in Washington.
logiya 21:458-476.) are to be entered as follows: Page 466, Piesmaphilaceae, Quanjieriaceae, Piesmaphilus and Quanjeria; page 465, Aphidophilaceae and Aphidophilus. The entry Cycadinaefilaceae should be deleted.

The other corrections and additions are better treated as complete entries for each name, as indicated below. (The entries which should replace those in the earlier list are indicated by an asterisk.)

For completeness, and to avoid ambiguity, the work of Sh. D. Mochkovsky is included (Ch. D. Mochkovski. Uspekhi sovremennoi biologii 19:1-44. 1945.), although the types for the entities listed therein, have for the most part, appeared in many works published subsequently.


## DESIGNATION OF TYPES FOR CERTAIN SUPRAGENERIC TAXA OF VIRUSES

Acarinophilaceae Ryzhkov, 1952 p. 466. Type genus: Acarinophilus Ryzhkov

*Arthropodophilae Ryzhkov, 1950 pp. 14, 15. Type order: Pantropales Ryzhkov (Page 16 as Arthrophilaceae)


*Beijerinckiales Ryzhkov, 1952 p. 465. Type family: Crystallococcaceae Ryzhkov


Chlamydozoaceae Mochkov., 1945 p. 18. Type genus; monotype: Chlamydozoon "Prowazek" ex Mochkov.


Cytoryctaceae Mochkov., 1945 p. 18. Type genus: Cytoryctes Guarneiri

---

1 The transliteration of Mochkovski as used here is the one used by that author himself (Mochkovski. 1945 p. 18).
Ehrlichia Mochkov, 1945 p. 18. Type genus: 
Ehrlichia Mochkov.

*Flagellophoraceae Ryzhkov, 1950 p. 19. Type genus: 
Flagellophorus Ryzhkov (as Flagellophoraceae p. 19)

Haemorrhagogenaceae Zhd. and K., 1950 p. 44. Type 
genus: Haemorrhagogenes Zhd. and K. (as Haemorrhagogenes p. 44)

Hepatophilaceae Zhd. and K., 1950 p. 44. Type genus: 
Hepatophilus Zhd. and K.

Ivanovskja Sukhov, 1956 p. 264. Type class: Gamaleyae 
Ryzhkov

Ivanovskya Ryzhkov, 1950 p. 12. Type class: Gamaleyae 
Ryzhkov

*Latentiaceae Ryzhkov, 1950 p. 18. Type genus: Latentia 
Ryzhkov

*Leptomotropaceae Ryzhkov, 1952 p. 466. Type genus: 
Leptomotropus Ryzhkov (as Leptomotropiaceae p. 46.)

*Leptomotropales Ryzhkov, 1952 p. 466. Type family: 
Leptomotropaceae Ryzhkov (as Leptomotropiales p. 466.)

Macrovinrineae Zhd. and K., 1950 p. 43. Type family: 
Strongyloplasmaceae Zhd. and K. non Lipschütz

Mesovirineae Zhd. and K., 1950 p. 43. Type family: 
Pneumovirinae Zhd. and K.

Microvirinae Zhd. and K., 1950 p. 44. Type genus, 
monotype: Microvirus Zhd. and K.

Microvirinae Zhd. and K., 1950 p. 44. Type family, 
monotype: Microvirinae Zhd. and K.

*Myelinophagaceae Ryzhkov, 1950 p. 19. Type genus: 
Myelinophagus Ryzhkov

Neuromyophilaceae Zhd., 1953 p. 303. Type genus: 
Myelophilus Zhd.

Neurophilaceae Zhd. and K., 1950 p. 44. Type genus: 
Neurophilus Zhd. and K.

Neuroryctaceae Mochkov., 1945 p. 18. Type genus, 
monotype: Neuroryctes Calkins

*Neurotropaceae Ryzhkov, 1950 p. 17. Type genus: 
Neurotropus Ryzhkov (as Neurotropiaceae p. 17)

*Neurotropales Ryzhkov, 1950 pp. 15, 17. Type family: 
Neurotropaceae Ryzhkov (as Neurotropiales pp. 15, 17)

*Pneumotropaceae Ryzhkov, 1950 p. 18. Type genus: 
Pneumotropus Ryzhkov (as Pneumotropiceae p. 18)

*Pantropaceae Ryzhkov, 1950 p. 16. Type genus: 
Pantropus Ryzhkov (as Pantropiaceae p. 16)
INTERNATIONAL BULLETIN

*Pantropales Ryzhkov, 1950 p. 16. Type family:
  Pantropaceae Ryzhkov (as Pantropiales p. 16)
Viralia Zhd. and K., 1950 p. 42. Type order:
  Protophytovirales Zhd. and K.
Viscerophilaceae Zhd. and K., 1950 p. 44. Type genus:
  Viscerophilus Zhd. and K.
Zoovirales Zhd. and K., 1950 p. 42. Type family:
  Rickettsiaeae Pinkerton
Zooviralia Zhd., 1953 p. 147. Type order:
  Rickettsiales Bengston

DESIGNATIONS OF TYPE SPECIES
FOR CERTAIN GENERA AND
SUBGENERA OF THE VIRUSES

Acarinaphilus Ryzhkov, 1952 p. 466. Type species:
  Acarinaphilus antholytus Ryzhkov
Aëdaphilus Ryzhkov, 1952 p. 466. Type species:
  Aëdaphilus dengue Ryzhkov
Aëgyptionella Carpano ex Mochkovski, 1945 p. 18. Type
  species, monotype: Aëgyptionella pullorum Carpano
  Type species, monotype: Bartonella bacilliformis
  Strong, Tyzzer et al.
Borreliota Goodpasture ex Mochkov., 1945 p. 18. Type
  species, monotype: Borreliota avium Goodpasture
Chlamydozoon Mochkov. ex Zhd. and K., 1950 p. 43 ex
  Zhd., 1953 p. 189. Type species: Chlamydozoon
  trachomatis Mochkov.
Chlamydozoon "Prowazek" ex Mochkov., 1945 p. 18, sed
  non Chlamydozoon Halberstaedter and von Prowazek!
  Type species: Chlamydozoon trachomatis "Prowazek"
  ex Mochkov.
Coxiella Zhd. and K., 1950 p. 42. Type species, monotype:
  Coxiella diaporica Zhd. and K. (as Coxiella dia-
  parica, cf. Philip p. 265)
Coxiella Zhd., 1953 p. 163. Type species, monotype:
  Coxiella diaporica Zhd. (cf. Philip p. 265)
*Crystallococcus Ryzhkov, 1952 p. 465. Type species:
  Crystallococcus lycopersici (not C. tabaci, see
  Ryzhkov)
Cytoectes Tyzzer ex Mochkov., 1945 p. 18. Type species, monotype: Cytoectes microti Tyzzer

Cytoryctes Guarnieri ex Mochkov., 1945 p. 18. Type species: Cytoryctes variolae Guarnieri

Dermacentroxenus Wolbach ex Mochkov., 1945 p. 18. Type species: Dermacentroxenus rickettsi Wolbach and Todd

Ehrlichia Mochkov., 1945 p. 18. Type species: Ehrlichia kurlovi Mochkov.

Ehrlichia subg. Miyagawanella Mochkov., 1945 p. 18. Type species: Ehrlichia (Miyagawanella) lymphogranulomatosis Mauro ex Mochkov. (as Miyagawanella p. 18)

Eperythrozoon Schilling ex Mochkov., 1945 p. 18. Type species: Eperythrozoon coccoides Schilling

Grahamella Brumpt ex Mochkov., 1945 p. 18. Type species: Grahamella talpae Brumpt

Haemorrhagogenes Zhd. and K., 1950 p. 44. Type species: Haemorrhagogenes sibiricus Zhd. and K. (as Haemorrhagogenes p. 44)


*Löffleria Ryzhkov, 1950 p. 16. Type species, monotype: Löffleria bovi Ryzhkov (corrected from L. equi by Ryzhkov 1953 p. 159)

*Myelovirus Ryzhkov, 1952 p. 465. Type species: Myelovirus hominis Ryzhkov (not M. Mengo, see Ryzhkov)

Neuroryctes Calkins ex Zhd. and K., 1950 p. 43. Type species: Neuroryctes rabi ei Zhd. and K.

*Neurotropus Ryzhkov, 1950 p. 16. Type species, monotype: Neurotropus americanus Ryzhkov (not N. hominis)

*Pantropus Ryzhkov, 1950 p. 16. Type species:
  Pantropus tchumakovi Ryzhkov (not P. dengue, see
  Ryzhkov)
Photophilus Ryzhkov, 1952 p. 467. Type species:
  Photophilus elegans Ryzhkov
*Piesmaphilus Ryzhkov, 1952 p. 466. Type species:
  Piesmaphilus europeus Ryzhkov
Rickettsia da Rocha-Lima ex Mochkov., 1945 p. 18. Type
  species: Rickettsia prowazekii da Rocha-Lima
  Type species, monotype: Rickettsia (Acaroxenus)
  varioleidis Zhd. and K. (cf. Philip p. 265)
Rickettsia subg. Cowdria Mochkov., 1945 p. 18. Type
  species: Rickettsia (Cowdria) ruminantium (Cowdry)
  Mochkov.
Rickettsia subg. Dermacentrenexus Zhd. and K., 1950
  p. 42. Type species: Rickettsia (Dermacentrenexus)
  rickettsi Zhd. and K. (cf. Philip p. 264)
Rickettsia subg. Gamasoxenus Zhd., 1953 p. 159. Type
  species, monotype: Rickettsia (Gamasoxenus) muris
  Zhd. (cf. Philip p. 264)
Rickettsia subg. Ixodoxenus Zkd., 1953 p. 155. Type
  species: Rickettsia (Ixodoxenus) ricketsi Zhd. (cf.
  Philip p. 263)
Rickettsiasiformis Zhd. and K., 1950 p. 43 ex Zhd., 1953
  p. 175. Type species: Rickettsiasiformis lymphogranulo-
  matis Zhd. and K. (cf. Philip p. 263)
  42. Type species: Strongyloplasma (Zoovariola) ovium
  Zhd. and K.
Strongyloplasma Lipschütz ex Mochkov., 1945 p. 18.
  Type species, monotype: Strongyloplasma hominis
  Lipschütz
Trombidoxenus Zhd. and K., 1950 p. 42 ex Zhd., 1953
  p. 160. Type species, monotype: Trombidoxenus
  orientalis Zhd. and K. (cf. Philip p. 263)
*Virothrix Ryzhkov, 1950 p. 16. Type species: Virothrix
  hominis Ryzhkov
  Virothrix ivanovskii Ryzhkov
Wolhynia Zhd. and K., 1950 p. 42. Type species: Wolhynia
  quintanae Zhd. and K. (as Welhynia, cf. Philip p. 265)
Wolhynia Zhd., 1953 p. 164. Type species: Wolhynia
  quintanae Zhd. (cf. Philip p. 265)