The nomenclatural types of the orders
Acholeplasmatales, Halanaerobiales,
Halobacteriales, Methanobacteriales,
Methanococcales, Methanomicrobiales,
Planctomycetales, Prochlorales, Sulfolobales,
Thermococcales, Thermoproteales
and Verrucomicrobiales are the genera
Acholeplasma, Halanaerobium, Halobacterium,
Methanobacterium, Methanococcus,
Methanomicrobi um, Planctomyces, Prochloron,
Sulfolobus, Thermococcus, Thermoproteus
and Verrucomicrobi um, respectively. Opinion 79

In a Request for an Opinion, Ezubey & Tindall (2001)
proposed that the Judicial Commission correct the nomen-
clatural types of certain orders, for which, in violation of
Rules 15 and 21a of the Bacteriological Code (Lapage et al.,
1992), families instead of genera had been proposed as
nomenclatural types.

The Judicial Commission decided in favour of this Request
that the 12 orders in question have the following genera as
nomenclatural types: order Acholeplasmatales Freundt et al.
1984, genus Acholeplasma Edward and Freundt 1970
(Approved Lists 1980) (Skerman et al., 1980); Halanaero-
biales Rainey and Zhilina 1995, Halanaerobium Zeikus et al.
1984; Halobacteriales Grant and Larsen 1989, Halobacterium
Elazari-Volcani 1957 (Approved Lists 1980) (Skerman et al.,
1980); Methanobacteriales Balch and Wolfe 1981, Methano-
bacterium Kluiver and van Niel 1936 (Approved Lists 1980)
(Skerman et al., 1980); Methanococcales Balch and Wolfe
Barker 1936 (Approved Lists 1980) (Skerman et al., 1980);
Methanomicrobiales Balch and Wolfe 1981, Methanomicro-
bium Balch and Wolfe 1981; Planctomycetales Schlesner and
Stackebrandt 1987, Planctomyces Gimesi 1924 (Approved
Lists 1980) (Skerman et al., 1980); Prochlorales (ex Lewin
Florenzano et al. 1986; Sulfolobales Stetter 1989, Sulfolobus
Brock et al. 1972 (Approved Lists 1980) (Skerman et al.,
1980); Thermococcales Zillig et al. 1988, Thermococcus Zillig
1983; Thermoproteales Zillig and Stetter 1982, Ther-
mo proteus Zillig and Stetter 1982; Verrucomicrobiales Ward-

Judicial Commission of the International Committee on Systematics
of Prokaryotes

The Judicial Commission of the International Committee on Systematics of Prokaryotes has
corrected the nomenclatural types of 12 orders: Acholeplasmatales, Halanaerobiales,
Halobacteriales, Methanobacteriales, Methanococcales, Methanomicrobiales, Planctomycetales,
Prochlorales, Sulfolobales, Thermococcales, Thermoproteales and Verrucomicrobiales.

References
coccus voltae sp. nov., Methanomicrobuccae fam. nov., Methanomicro-
biales ord. nov., Methanomicrobi um gen. nov., Methanomicrobi um mobile comb. nov. and Methanosarcinaeae fam. nov. In Validation of
the Publication of New Names and New Combinations Previously Effectively Published Outside the IJSB, List no. 6. Int J Syst Bacteriol

Ezubey, J. P. & Tindall, B. J. (2001). Nomenclatural type of orders: corrections necessary according to Rules 15 and 21a of the Bacteriological Code (1990 Revision), and designation of appropriate


