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OPINION 37

Designation of Strain ATCC 13525 as the Neotype
Strain of Pseudomonas fluorescens Migula

Editorial Secretary (for the Judicial Commission of the
International Committee on Nomenclature of Bacteria)

SUMMARY. Strain ATCC 13525 = CCEB 546 = NCIB 9046 = NCTC 10038 = RH 818 = M. Rhodes 28/5 is designated as the neotype strain of Pseudomonas fluorescens Migula. The correct author citation for Pseudomonas fluorescens is "Migula," not "(Trevisan) Migula."

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Hugh et al. (1964) examined two strains which had been suggested as candidates for the neotype strain of Pseudomonas fluorescens Migula. These authors supported the strain recommended by Rhodes (1959) and requested that an Opinion be issued by the Judicial Commission designating this strain (ATCC 13525) as the neotype strain. Following the recommendation of the International Subcommittee on Pseudomonas and Related Organisms (Shewan and Haynes 1967, 257), the Judicial Commission accepted ATCC 13525 as the type strain. Despite the fact that the 1966 revision of the International Code of Nomenclature of Bacteria states that a neotype strain becomes established from the date of publication in the International Journal of Systematic Bacteriology, the Judicial Commission felt that it was necessary to issue an Opinion designating the neotype because more than one strain had been suggested.

Although Bacillus fluorescens Trevisan 1889 was the first name for this organism that was validly published, it is illegitimate as a later homonym of Bacillus fluorescens Pagliani et al. 1887 (see Buchanan et al. 1966, 167). According to the Note under Rule 26 of the International Code of Nomenclature of Bacteria (1966), "... an author may, if he wishes, adopt an epithet previously given to the taxon (in an illegitimate combination) if there is no obstacle to its employment in the new position or sense; the resultant combination is treated as a new name and ascribed to its author."

After Trevisan, the next author to propose a name for this organism was Migula (1895), who proposed the name Pseudomonas fluorescens. According to the rule cited above, the correct author citation for P. fluorescens is, therefore, "Migula," not "(Trevisan) Migula."

Opinion 37. The neotype strain of Pseudomonas fluorescens Migula is ATCC 13525 = CCEB 546 = NCIB 9046 = NCTC 10038 = RH 818 = M. Rhodes 28/5.

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