Williamsia profundi sp. nov.

Submitted by Pu, Shuwei

Table 1: Complete list of names proposed in the current register list.

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Species *Williamsia profundi*	[pro.fun'di] **L. gen. n.** *profundi*, of the depths, living within the depths of the oceans	Cells are aerobic, Gram-stain-positive, non-motile, and exhibit a coccoid to rod-shaped morphology (0.8–3.3 × 0.4–0.6 µm). Growth occurs at 1–40°C (optimum: 32°C) on 2216E agar. The major fatty acids are C16:0, C18:1ω9c, 10-methyl C18:0, C16:1ω6c, and C18:0. The genomic DNA G+C content of the type strain is 70.1 mol%. The reference strain, SKLECPSW1T, was isolated from a deep-sea water sample collected from the Eastern Indian Ocean (89°59.938′ E, 9°59.938′ S). It has been deposited in the Marine Culture Collection of China (MCCC) under accession number MCCC 1K09832T and in the Japan Collection of Microorganisms (JCM) as JCM 37991T. The 16S rRNA gene sequence is available in GenBank under accession number PQ858246.2. Raw genome sequencing data have been submitted to the Sequence Read Archive under accession number SRR31976005.	*Williamsia*	INSDC Nucleotide: JBTGLI000000000 Ts	seqco.de/i:52933