

Nanoarchaeaceae fam. nov.

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

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Family <i>Nanoarchaeaceae</i>	[Na.no.ar.chae.a'ce.ae] N.L. neut. n. <i>Nanoarchaeum</i> , referring to the type genus <i>Nanoarchaeum</i> ; <i>-aceae</i> , ending to denote a family; N.L. fem. pl. n. <i>Nanoarchaeaceae</i> , the <i>Nanoarchaeum</i> family	Huber et al., 2016: The “ <i>Nanoarchaeaceae</i> ” represent one of the two families within the “ <i>Nanoarchaeales</i> ”. They are extremely tiny cocci with reduced genomes. They are hyperthermophilic and anaerobic. They form a close association with their hosts and their growth depends on metabolic products of their host cells. Only one representative is cultivated in the laboratory. Kato et al., 2022: Reassigned <i>Nanoarchaeum equitans</i> to the class <i>Nanobdellales</i> , following effective publication of <i>Nanobdella aerobiophila</i> as the type strain for the entire phylum.	<i>Nanobdellales</i>	<i>Nanoarchaeum</i>	seqco.de/i:35248