

# Validation of *Mesorhizobium maamorense* sp. nov., a novel rhizobial species isolated from *Ononis repens*.

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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
Species <i>Mesorhizobium maamorense</i>	[ma.a.mo.ren'se] <b>N.L. neut. adj.</b> <i>maamorense</i> , pertaining to the Maamora forest, the region of isolation	<i>The species is an aerobic, non-spore-forming, Gram-negative rhizobium that appears as an elongated rod, approximately 1 µm wide and 2.5 µm long. On YEM medium, it grows relatively quickly, with a population doubling time of 5 to 6 hours, forming 1 mm colonies within five days. Ideal growth conditions are a temperature of 28°C and a neutral pH of 7, though it remains viable at temperatures as high as 37°C. The bacteria is also resilient to environmental challenges, tolerating saline stress equivalent to 515 mM NaCl and osmotic stress from up to 20% PEG.</i>	<i>Mesorhizobium</i>	NCBI Assembly: GCA_044998965.1 <sub>Ts</sub>	<a href="http://seqco.de/i:51228">seqco.de/i:51228</a>