

# Bipolaricaulis anaerobius sp. nov. and Bipolaricaulis gen. 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
Phylum <i>Bipolaricaulota</i>	[Bi.po.la.ri.cau.lo'ta] <b>N.L. masc. n.</b> <i>Bipolaricaulis</i> , type genus of the phylum; <i>-ota</i> , ending to denote a phylum; <b>N.L. neut. pl. n.</b> <i>Bipolaricaulota</i> , the Bipolaricaulis phylum	The phylum constitutes a monophyletic lineage as described and defined in Hao <i>et al.</i> (2018). The phylum contains the class <i>Bipolaricaulia</i> .	<i>Bacteria</i>	<i>Bipolaricaulis</i>	<a href="https://seqco.de/i:24070">seqco.de/i:24070</a>
Genus <i>Bipolaricaulis</i>	[Bi.po.la.ri.cau'lis] <b>L. adv.</b> <i>bis</i> , twice; <b>M.L. masc. / fem. adj.</b> <i>polaris</i> , polar, pertaining to the poles of the rod-shaped cell; <b>L. masc. n.</b> <i>caulis</i> , a stalk; <b>N.L. masc. n.</b> <i>Bipolaricaulis</i> , stalks at both poles	The description is the same as given by (Hao et al., 2018).	<i>Bipolaricaulaceae</i>	<i>Bipolaricaulis anaerobius</i> <sup>Ts</sup>	<a href="https://seqco.de/i:31919">seqco.de/i:31919</a>
Species <i>Bipolaricaulis anaerobius</i> <sup>Ts</sup>	[an.a.e.ro'bi.us] <b>Gr. pref.</b> <i>an-</i> , not; <b>Gr. masc. n.</b> <i>aer</i> , air; <b>Gr. masc. n.</b> <i>bios</i> , life; <b>N.L. masc. adj.</b> <i>anaerobius</i> , living without air (i.e., oxygen), anaerobic	The description is the same as given by (Hao et al., 2018).	<i>Bipolaricaulis</i>	NCBI Assembly: GCA_900465355.1 <sup>Ts</sup>	<a href="https://seqco.de/i:31918">seqco.de/i:31918</a>