

# Hepatobacter penaei sp. nov. and Hepatobacter 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
Genus <i>Hepatobacter</i>	[He.pa.to.bac'ter] Gr. <b>neut. n.</b> <i>hepar</i> , <i>hepatos</i> , liver; <b>N.L.</b> <b>masc. n.</b> <i>bacter</i> , rod; <b>N.L. masc. n.</b> <i>Hepatobacter</i> , a rod from the liver	The description is the same as given to the type species by (Nunan et al., 2013).	<i>Hepatobacteraceae</i>	<i>Hepatobacter penaei</i> <sup>Ts</sup>	<a href="https://seqco.de/i:31929">seqco.de/i:31929</a>
Species <i>Hepatobacter penaei</i> <sup>Ts</sup>	[pe.nae'i] <b>N.L. gen. n.</b> <i>penaei</i> , of the prawn genus <i>Penaeus</i>	<b>Nunan et al., 2013:</b> Obligate intercellular pathogen of <i>Penaeus vannamei</i> , the Pacific white shrimp, that cannot be cultivated in cell-free media. The geographic range is limited to the western hemisphere. The Gram-negative organism is motile by means of eight flagella located at the basal apex. The bacteria present two morphological variants consisting of a rod-shaped organism (0.25 by 0.9 µm) and a helical form (0.25 by 2 to 3.5 µm). Phylogenetic analysis, inferred from 16S rRNA and gyrase B gene sequences, places this bacterium within the class <i>Alphaproteobacteria</i> .	<i>Hepatobacter</i>	NCBI Assembly: GCA_000742475.1 <sup>Ts</sup>	<a href="https://seqco.de/i:121">seqco.de/i:121</a>