

Genus *Xiheicaenimonas*

Etymology

[Xi.he.i.cae'ni.mo'nas] **N.L. fem. n.** *Xihe*, Sun goddess in Chinese mythology; **L. neut. n.** *caenum*, mud, sludge; **L. fem. n.** *monas*, a monad; **N.L. fem. n.** *Xiheicaenimonas*, a microbe found in sludge environments associated with phototrophy

Nomenclatural type

Species *Xiheicaenimonas phototrophica*^{Ts}

Description

The type species is *Xiheicaenimonas phototrophica*.

Classification

Bacteria » *Myxococcota* » *Myxococcia* » *Myxococcales* » *Myxococcaceae* » *Xiheicaenimonas*

References

Effective publication: Li et al., 2023 [1]

Registry URL

<https://seqco.de/i:32859>

References

1. Li et al. (2023). Globally distributed Myxococcota with photosynthesis gene clusters illuminate the origin and evolution of a potentially chimeric lifestyle. *Nature Communications*.
[DOI:10.1038/s41467-023-42193-7](https://doi.org/10.1038/s41467-023-42193-7)