

Genus *Poseidonia*

Etymology

[Po.se.i.do'ni.a] N.L. fem. n. *Poseidonia*, named after Poseidon, the Greek god of the sea

Nomenclatural type

Species *Poseidonia alphas*^{Ts}

Description

Poseidonia named after Poseidon, the Greek god of the sea. Inferred to be of marine origin, a motile, aerobic, photoheterotroph, and able to ferment a wide range of carbohydrates with a focus on peptides. Highest abundances were recorded for surface waters (0-10m). Formerly identified as **clade M**.

Classification

Archaea » "Poseidoniota" » *Poseidoniia* » *Poseidoniales* » *Poseidoniaceae* » *Poseidonia*

References

Effective publication: Rinke et al., 2019 [1]

Registry URL

<https://seqco.de/i:39404>

References

1. Rinke et al. (2019). A phylogenomic and ecological analysis of the globally abundant Marine Group II archaea (ca. Poseidoniales ord. nov.). *The ISME Journal*. [DOI:10.1038/s41396-018-0282-y](https://doi.org/10.1038/s41396-018-0282-y)