

Genus *Hemerobacter*

Etymology

[He.me.ro.ba'cter] **Gr. fem. n.** *Hemera*, primordial goddess and personification of the Day and daylight in Greek mythology; **N.L. masc. n.** *bacter*, a rod; **N.L. masc. n.** *Hemerobacter*, in reference to a bacterium ability to use daylight for carbon fixation (photoautotrophy)

Nomenclatural type

Species *Hemerobacter aridus*^{Ts}

Description

Ji et al., 2021: Genus defined based on 16S rRNA phylogeny and phylogenomic analysis of 15 ribosomal proteins and the GTDB.

Classification

Bacteria » *Eremiobacterota* » *Eremiobacteria* » “Baltobacterales” » “Baltobacteraceae” » *Hemerobacter*

References

Effective publication: Sereika et al., 2025 [1]
Original (not valid) publication: Ji et al., 2021 [2]

Registry URL

<https://seqco.de/i:42009>

References

1. Sereika et al. (2025). Genome-resolved long-read sequencing expands known microbial diversity across terrestrial habitats. *Nature Microbiology*. DOI:10.1038/s41564-025-02062-z
2. Ji et al. (2021). *Candidatus* Eremiobacterota, a metabolically and phylogenetically diverse terrestrial phylum with acid-tolerant adaptations. *The ISME Journal*. DOI:10.1038/s41396-021-00944-8