

Genus *Ryemorpha*

Etymology

[ry.e.mor'pha] **Danish n.** *Gammel Rye*, Danish parish; **Gr. fem. n.** *morpha*, a form or shape; **N.L. fem. n.** *Ryemorpha*, Microbe arbitrarily named after the Danish parish of Gammel Rye, near which the genome of the type species was recovered.

Nomenclatural type

Species *Ryemorpha lacustris*^{TS}

Description

Genus established on the basis of phylogenomic comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Formerly known as genus Fen-549 in GTDB R226. The description of the genus is the same as for its type species *Ryemorpha lacustris*.

Classification

Bacteria » *Actinomycetota* » *Rubrobacteria* » *Gaiellales* » *Gaiellaceae* » *Ryemorpha*

References

Effective publication: Sereika et al., 2025 [1]

Registry URL

<https://seqco.de/i:53354>

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