

## Species *Themius telluricus*<sup>Ts</sup>

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### Etymology

[te.l.lu.ri'cus] **L. gen. fem. n.** *telluris*, soil or earth; **L. masc. adj. suff.** *-icus*, suffix used with the sense of belonging to; **L. masc. adj.** *telluricus*, Pertinent to soil, referring to a species found in soil

### Nomenclatural type

[NCBI Assembly: GCA\\_963773325.1](#)<sup>Ts</sup>

### Description

Species established on the basis of ANI comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Formerly "uncultured Conexibacteraceae bacterium" in Silva 138.2. Based on metabolic reconstruction, *Themius telluricus* is inferred to encode the rod shape-determining protein MreB and peptidoglycan biosynthesis genes.

### Classification

*Bacteria* » *Actinomycetota* » *Thermoleophilia* » "Miltoncostaeales" » "Miltoncostaeaceae" » *Themius* » *Themius telluricus*<sup>Ts</sup>

### References

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

### Registry URL

<https://seqco.de/i:53137>

## 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](https://doi.org/10.1038/s41564-025-02062-z)