

## Genus *Candidatus* Halectosymbiota

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### Etymology

[Hal.ec.to.sym.bi.o'ta] Gr. masc. n. *hals*, *halos*, salt, salt water; Gr. prep. *ektos*, outside; N.L. masc. n. *symbiota*, one who lives with a companion, partner (from Gr. n. *symbiotes*); N.L. masc. n. *Halectosymbiota*, an ectosymbiont from salt water organisms

### Nomenclatural type

Unknown

### Description

Filker (2021): The genus *Candidatus* Halectosymbiota corrig., originally described as *Ca.* Haloectosymbiotes, was established based on a 16S rRNA taxonomic marker gene sequence of the only identified species in this genus, *Candidatus* Halectosymbiota riaformosensis.

### Classification

Archaea » Euryarchaeota » Halobacteria » Halobacteriales » Halobacteriaceae » *Candidatus* Halectosymbiota

### References

Proposed: Filker et al., 2014  
*Corrigendum*: Filker, 2021 (from “*Candidatus* Haloectosymbiotes”)  
*Emendavit*: Filker, 2021

### Registry URL

<https://seqco.de/i:618>

## References

1. Filker et al. (2014). “*Candidatus* Haloectosymbiotes riaformosensis” (Halobacteriaceae), an archaeal ectosymbiont of the hypersaline ciliate *Platynematum salinarum*. *Systematic and Applied Microbiology*.  
[DOI:10.1016/j.syapm.2014.01.001](https://doi.org/10.1016/j.syapm.2014.01.001)
2. Filker (2021). *Candidatus* Halectosymbiota. *Bergey's Manual of Systematics of Archaea and Bacteria*.  
[DOI:10.1002/9781118960608.gbm02011](https://doi.org/10.1002/9781118960608.gbm02011)