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Garethelia E. Azevedo, P. Correia & M.F. Caeiro

Garethelia was introduced as a new genus to accommodate *G. parvula* as the type species based on morphological characteristics and molecular data (Correia et al. 2023). A combined analysis of ITS, LSU, and SSU revealed that *Garethelia* isolates form a distinct, well-supported clade separate from other *Corollospora* species (Correia et al. 2023). *Garethelia* species display filiform, C, or U-shaped conidia that are 4–8 septate, distinguishing them from other *Corollospora* species (Jones et al. 2009, Abdel-Wahab et al. 2010). Initially, *Garethelia* was introduced as *Halosigmoidea parvula* (Jones et al. 2009). It was later synonymized under *Corollospora parvula* due to their similarities in the asexual morphs (Réblová et al. 2016). However, further analysis of molecular data showed that *Corollospora parvula* is not phylogenetically related to the type species clade of *Corollospora*, thus necessitating the introduction of *Garethelia* as a new genus. *G. parvula* was reported as a marine taxon associated with the seagrass *Zostera marina*, the seaweed *Polysiphonia* species and *Ceramium* species in Germany, and sea foam in Japan (Jones et al. 2009).

References

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