

Outlineoffungi.org - Note 1181 *Amylocarpus*

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Amylocarpus Curr.

Amylocarpus was introduced by Currey (1859) as monotypic genus to accommodate *A. encephaloides* Curr. *Amylocarpus encephaloides*, was found on wood in intertidal marine habitats. This genus is characterized by having an enclosed, globose ascoma. The asci are clavate with short stem. The ascospores are globular in shape and hyaline with long delicate sharp rays on the surface. Asexual morph is not observed. Based on ITS sequence, Johnston et al. (2019) tentatively placed the genus in *Helotiaceae*, and this has been confirmed using data extracted from the JGI genome Amynecl (Hagestad et al. 2021), see Johnston (2022). The taxonomic placement of *Amylocarpus* is in *Helotiaceae*, *Helotiales*, *Leotiomyces*, and *Ascomycota*.

References

- Currey F. 1859. – On the existence of amorphous starch in a new tuberaceous fungus. proceedings of the Royal Society of London. 9, 119–123. <https://doi.org/10.1098/rspl.1857.0024>
- Hagestad OC, Hou L, Andersen JH, Hansen EH et al. 2021– Genomic characterization of three marine fungi, including *Emericellopsis atlantica* sp. nov. with signatures of a generalist lifestyle and marine biomass degradation. IMA Fungus 12(1), 1–23. <https://doi.org/10.1186/s43008-021-00072-0>
- Johnston PR, Quijada L, Smith CA, Baral HO et al. 2019 – A multigene phylogeny toward a new phylogenetic classification for the *Leotiomyces*. IMA Fungus 10, 1–22. <https://doi.org/10.1186/s43008-019-0002-x>
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