Outlineoffungi.org - Note 651 *Amnocutis*

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Amnocutis K.H. Larss.

Amnocutis is a monotypic, corticioid taxon, probably saprotrophic, fruiting near streams on decorticated wood temporarily submerged, and occurring in northern Europe (Norway, Sweden). The new genus was proposed based on morphological characters only (Larsson & Oldervik 2020). DNA was successfully extracted from the holotype material but sequencing failed (Larsson & Oldervik 2020). Molecular characters are not available. Therefore, the correct taxonomic position of this genus at the family and order rank is undetermined (Larsson & Oldervik 2020). The genus is characterized by effuse, soft, whitish basidiomata, monomitic hyphal structure, firm-walled subicular hyphae, presence of cystidia arising from subicular hyphae and extending beyond the hymenium, clamp connections on all septa, clavate basidia, and smooth, globose to subglobose, thin-walled basidiospores. The asexual morph is unknown. The type species is *A. rivularis*. Based on morphology, Larsson & Oldervik (2020) could not assign this species to any of the known genera, while the most similar were *Hypochnicium* and *Bulbillomyces* (Larsson & Oldervik 2020*).* However, *Hypochnicium* differs from *Amnocutis* by its thick-walled basidiospores, while *Bulbillomyces* differs by a presence of anamorph state, its cystidia originating from the subhymenium, and cylindrical to utriform basidia (Larsson & Oldervik 2020*)*. *Amnocutis* is currently placed in *Incertae sedis*, *Agaricomycetes*, *Agaricomycotina*, *Basidiomycota*. Further sampling, sequencing and multilocus phylogenetic studies are required to define the correct taxonomic position of this genus.

Reference

Larsson KH, Oldervik FG. 2020 – *Amnocutis*, a new corticioid genus with affinities to water-soaked wood. Synopsis Fungorum 41, 9–11.

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