

Outlineoffungi.org - Note 813 *Iugisporipsathyra*

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Iugisporipsathyra J.Q. Yan, Y.G. Fan & S.N. Wang

Yan et al. (2022) introduced *Iugisporipsathyra* as a monospecific genus based on *Iugisporipsathyra reticulopilea* J.Q. Yan, Y.G. Fan & S.N. Wang as type species. *Iugisporipsathyra reticulopilea* was isolated as a saprobe on roadside red soil, associated with *Angiospermae* in China. This genus was placed in *Psathyrellaceae*, *Agaricales*. Phylogenetic analyses based on ITS, LSU, and β -*tubulin* sequences indicated its phylogenetic position within *Psathyrellaceae* where it forms an independent evolutive line with no apparent affinity with the other genera.. Compared with the other genera of *Psathyrellaceae*, *Iugisporipsathyra* can be distinguished by the unique combination of lack of veil and pleurocystidia and presence of ornamented spores with ridges or rarely verrucose, with an obvious suprahilar plage. The asexual morph is unknown in this genus.

Reference

Wang SN, Fan YG, Yan JQ. 2022 – *Iugisporipsathyra reticulopilea* gen. et sp. nov. (*Agaricales*, *Psathyrellaceae*) from tropical China produces unique ridge-ornamented spores with an obvious suprahilar plage. *MycKeys* 90, 147–162. <https://doi.org/10.3897/mycokeys.90.85690>

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