

Outlineoffungi.org – Note 1557 *Knudsenia*

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Knudsenia Y. Joshi

Joshi & Bansal (2023) proposed the monotypic genus *Knudsenia* provisionally within *Planistromellaceae* (*Botryosphaeriales*, *Dothideomycetes*, *Ascomycota*) to accommodate *K. flavoparmeliarum* Y. Joshi as the type species. This taxonomic decision was based on morphological characters. *K. flavoparmeliarum* was reported colonizing the thallus of *Flavoparmelia* Hale and *Flavopunctelia* (Krog) Hale in India, displaying some signs of discoloration and necrosis to the host thallus (Joshi & Bansal 2023). The genus name was chosen in order to honor Dr. Kerry Knudsen who unknowingly turned one of the authors' (YJ) interest towards lichenicolous fungi, during his stay in South Korea. The genus is characterized by its lichenicolous lifestyle; inconspicuous galls; stromatic ascomata with sterile brownish black to black tissue, which is K+ majenta, N-, I-. The exciple is evident and hymenial gel is K/I-. Paraphyses are simple to sparsely branched and apically not pigmented. Asci are bitunicate, elongate, clavate to subcylindrical with an indistinct ocular chamber and with a very short stalk, 8-spored, K/I+ reddish brown. Ascospores are hyaline, spherical to ellipsoid at maturity, simple to rarely 1-pseudoseptate, I-, lacking perispore.

Reference

[Joshi Y, Bansal P. 2023 – *Knudsenia flavoparmeliarum*: A new genus and species of lichenicolous fungus growing on *Flavoparmelia caperata* and *Flavopunctelia flaventior* \(Parmeliaceae\) from India. Acta Botanica Hungarica, 65\(3-4\), 325-335.](#)

Entry by

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