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[Spodocybe](#) Z.M. He & Zhu L. Yang

This new genus was introduced based on two new species found in China ([He & Yang 2021](#)) Multigene analyses based on ITS, nrLSU, *rpb1*, *rpb2*, *tef1* and *atp6* sequence data as well as the morphological characteristics support it as a new genus in the tricholomatoid clade ([Matheny et al. 2006](#); [Alvarado et al. 2015](#); [He & Yang 2021](#)). The type species is [Spodocybe rugosiceps](#) Z.M. He & Zhu L. Yang. Species of this genus are characterized by small, clitocyboid basidiomes ([He & Yang 2021](#)). The pileus is convex, applanate to infundibuliform; surface dry, greyish, grey-brown to dark grey-brown; center depressed with age ([He & Yang 2021](#)). Lamellae is decurrent to deeply decurrent, white to cream, thin, moderately crowded, sometimes furcate and interveined ([He & Yang 2021](#)). The stipe is central, subcylindrical, concolorous with pileus ([He & Yang 2021](#)). Basidiospores are ellipsoid, oblong to cylindrical, colourless, hyaline, smooth, thin-walled, inamyloid; ratio of basidia to basidiospore length is less than five ([He & Yang 2021](#)). The pileipellis and stipeipellis are cutis, lamellar trama subregular and, clamp connections are abundant and present in all parts of basidiome ([He & Yang 2021](#)). The asexual morph is unknown. Species of this genus are usually gregarious or caespitose on ground, rarely on wood and widespread in temperate and tropical regions ([He & Yang 2021](#)). [Spodocybe](#) species are currently placed in *Hygrophoraceae* (*Agaricales*, *Agaricomycetes*, *Basidiomycota*) ([He & Yang 2021](#)).

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