

Outlineoffungi.org - Note 552, [Sublophiostoma](#)

[Sublophiostoma](#) Phookamsak, Hongsanan & K.D. Hyde

[Sublophiostoma](#) is a pleosporalean genus placed in *Sublophiostomataceae*. The type species, *S. thailandicum*, was collected from dead stems of *Poaceae* (*Thysanolaena maxima*, bamboo, and grass) in Thailand ([Hongsanan et al. 2021](#)). On the natural specimens, *S. thailandicum* has hemisphaerical to lenticular, glabrous ascomata with a crest-like opening, cylindrical to clavate asci, and narrowly fusiform, hyaline ascospores with an entire sheath. In culture, it produces an asexual state with pycnidial conidiomata and 1-celled, small, hyaline conidia. These morphological features of [Sublophiostoma](#) superficially resemble those of genera in *Lophiostomataceae*, such as *Lophiostoma*, *Pseudolophiostoma* and *Vaginatisspora*. However, [Sublophiostoma](#) is close to *Neomassariniaceae* or *Sporormiaceae*, rather than *Lophiostomataceae*. According to [Hongsanan et al. \(2021\)](#), [Sublophiostoma](#) differs from these lophiostomatoid genera in having ascomatal peridium with *textura angularis* to *textura epidermoidea*, rather than peridium with *textura angularis*.

Reference

Hongsanan S, Phookamsak R, Goonasekara ID, Thambugala KM, et al. 2021 – Introducing a new pleosporalean family *Sublophiostomataceae* fam. nov. to accommodate *Sublophiostoma* gen. nov. *Scientific reports* 11, 1–10. <https://www.nature.com/articles/s41598-021-88772-w>

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