Outlineoffungi.org - Note 898 *Parasporendocladia*

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Parasporendocladia W.P. Wu & Y.Z. Diao

Parasporendocladia was introduced by Wu & Diao (2022) to accommodate *Sporendocladia bactrospora*. The type species, *Parasporendocladia bactrospora* W.P. Wu & Y.Z. Diao was first introduced as *Phialocephala bactrospora* (Kendrick 1961), then later reclassified as *Sporendocladia bactrospora* based only on conidial development, but without molecular data (Wingfield et al. 1987). Later, the phylogenetic analysis of ITS, SSU, and LSU sequences showed that *S. bactrospora* belongs to *Microascales* (*Hypocreomycetidae, Sordariomycetes*), while the type species of *Phialocephala, P. dimorphospora* belongs to *Helotiales* (*Leotiomycetidae, Leotiomycetes*) (Grünig et al. 2002, Jacobs et al. 2003). On the other hand, the type species of *Sporendocladia*, *S. fomusa*, belongs to *Chaetosphaeriaceae* (*Chaetosphaeriales, Sordariomycetes*) (Wu & Diao 2022). Based on molecular data, *S. bactrospora* was distinct from species of *Phialocephala* and *Sporendocladia*, thus the genus *Parasporendocladia* was introduced (Wu & Diao 2022). It is difficult to distinguish *Parasporendocladia* morphologically from *Phialocephala* and *Sporendocladia* (Wu & Diao 2022). *Parasporendocladia* has conidiophores that are solitary to aggregated, erect or flexuous, branched at the apex, septate, brown, and smooth (Wu & Diao 2022). The conidiogenesis cells are holoblastic and the conidia are cylindrical, hyaline, aseptate, smooth, truncate at both ends and extruded in long chains (Wu & Diao 2022). *Parasporendocladia bactrospora* (≡ *Phialocephala bactrospora*) was first isolated as a saprobe from *Populus trichocarpa* (Kendrick 1961). Although the species has been reported as a saprobe on dead material of *Clushia melchiorii* in Brazil and *Fagus sylvatica* in Czechoslovakia (Barbosa et al. 2007, Kubatova 1992), some studies have reported it as a plant pathogen associated with wounds on native broadleaved trees in Norway (Roux et al. 2014) and canker and dieback of *Juglans regia* in Iran (Sohrabi & Mohammadi 2023).

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