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[Xenosphaeropsis](#) (C.L. Xiao & J.D. Rogers) F. Liu, Crous & L. Cai

Zhao et al. (2022) introduced *Xenosphaeropsis* as a monotypic genus within *Phacidiaceae*, *Phacidiales* in *Leotiomyces*, with [Xenosphaeropsis pyripitrescens](#) (C.L. Xiao & J.D. Rogers) F. Liu, Crous & L. Cai as the type species based on LSU, ITS and *rpb2* multi-gene phylogeny. [Xenosphaeropsis pyripitrescens](#) was initially described as *Sphaeropsis pyripitrescens* C.L. Xiao & J.D. Rogers (*Botryosphaeriaceae*, *Botryosphaeriales*) in *Dothideomycetes* from a fruit rot on pears in the USA based only on morphology (Xiao & Rogers 2004). However, the initial study did not provide any data on the cultures of either the designated holotype or the isotype (Xiao & Rogers 2004). As the holotype and isotype of *Sphaeropsis pyripitrescens* could not be traced, Zhao et al. (2022) studied the ex-paratype (ATCC MYA-2947) of *S. pyripitrescens* in Xiao & Rogers (2004) and provided sequence data. [Xenosphaeropsis](#) is morphologically similar to *Sphaeropsis* in having subglobose pycnidia, subglobose to globose conidiogenous cells and hyaline to brown conidia (Xiao & Rogers 2004, Zhao et al. 2022). This ex-paratype of *S. pyripitrescens* clustered with three other reference isolates in a separate clade within *Phacidiaceae*, *Phacidiales* in the multi-gene phylogeny (LSU, ITS and *rpb2*) and a novel genus, *Xenosphaeropsis* was introduced to accommodate these four isolates (Zhao et al. 2022). *Xenosphaeropsis* showed phylogenetic distance and several morphological differences from other genera in *Phacidiaceae* and also showed a few morphological similarities to the taxa in *Phacidiaceae* in having subglobose, separate to aggregate conidiomata, hyaline conidiophores reduced to conidiogenous cells and smooth-walled, hyaline to brown conidia (Crous et al. 2014). Since [Xenosphaeropsis](#) is a monotypic genus, the paratype isolate of its only member, [Xenosphaeropsis pyripitrescens](#), clustered with three other isolates from pears and apple in the multi-gene (LSU, ITS and *rpb2*) phylogenetic tree (Zhao et al. 2022). [Xenosphaeropsis pyripitrescens](#) has been reported as a pathogen causing fruit rot and postharvest diseases on pears (*Pyrus communis*) in British Columbia and Washington (Xiao & Rogers 2004, Sholberg et al. 2009). It is also reported as a pathogen on apple (*Malus* spp.) and crabapple (*Malus sylvestris*) trees causing fruit rot, canker, twig dieback and postharvest diseases in Washington and New York (Xiao & Rogers 2004, Xiao & Boal 2005, Kim & Xiao 2008, Kim et al. 2013, 2014, Xiao et al. 2014).

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