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## Caulicolous *Botryosphaeriales* from Thailand

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**Source:** Persoonia - Molecular Phylogeny and Evolution of Fungi, Volume 34, June 2015, pp. 87-99(13)

**Publisher:** Naturalis Biodiversity Center

**DOI:** <https://doi.org/10.3767/003158515X685841>



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Members of *Botryosphaeriales* are commonly encountered as endophytes or pathogens of various plant hosts. The *Botryosphaeriaceae* represents the predominant family within this order, containing numerous species associated with canker and dieback disease on a wide range of woody hosts. During the course of routine surveys from various plant hosts in Thailand, numerous isolates of *Botryosphaeriaceae*, including *Aplosporellaceae* were collected. Isolates were subsequently identified based on a combination of morphological characteristics and phylogenetic analysis of a combined dataset of the ITS and EF1- $\alpha$  gene regions. The resulting phylogenetic tree revealed 11 well-supported clades, correlating with different members of *Botryosphaeriales*. Other than confirming the presence of taxa such as *Lasiodiplodia theobromae*, *L. pseudotheobromae* and *Neofusicoccum parvum*, new records for Thailand include *Pseudofusicoccum adansoniae* and *P. ardesiacum*. Furthermore, four novel species are described, namely *Diplodia neojuniperi* from *Juniperus chinensis*, *Lasiodiplodia thailandica* from *Mangifera indica*, *Pseudofusicoccum artocarpus* and *Aplosporella artocarpus* from *Artocarpus heterophyllus*, while a sexual morph is also newly reported for *L. gonubiensis*. Further research is presently underway to determine the pathogenicity and relative importance of these species on different woody hosts in Thailand.

**Keywords:** APLOSPORELLA; BOTRYOSPHAERIACEAE; DIPLODIA; LASIODIPLODIA; MULTIGENE PHYLOGENY; PSEUDOFUSICOCCUM; SEXUAL MORPH; SYSTEMATICS

**Document Type:** Research Article









Publication date: 2015年6月29日

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