Additions to the diversity of Tubeufiales fungi in Thailand

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Tubeufialean fungi are functional decomposers and woody microorganisms that prefer living in temperate zones with high humidity. Recent research indicates that they have the potential to act as bio-control agents in plant disease control. The fungal order Tubeufiales is an important group of Dothideomycetes represented by a monotypic family, whose members are mainly saprobes. Despite their importance they have been relatively poorly studied worldwide and are hardly studied at all in Thailand. We deal with all 42 genera of Tubeufiaceae (Tubeufiales) as currently recognized. During our study, fresh collections from Thailand were made in an attempt to re-collect and isolate type species, discover unknown species, to provide epitype where necessary. In addition this will contribute to the sequence data of Tubeufiales in GenBank, which will help establish the sexual and asexual relationships based on phylogenetic evidence.