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A phylogenetic study of *Dothiorella* and *Spencermartinsia* species associated with woody plants in Iran, New Zealand, Portugal and Spain

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Abstract



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Dothiorella and *Spencermartinsia* are two botryosphaeriaceous genera with dark 2-celled conidia and found in parasitic, saprophytic or endophytic association with various woody host plants. Based on ITS and EF1- α sequence data and morphology, eight new species are described from Iran, New Zealand, Portugal and Spain. Of these, five species are placed in *Dothiorella*, namely *D. iranica*, *D. parva*, *D. prunicola*, *D. sempervirentis* and *D. striata*, and three species belong to *Spencermartinsia* named as *S. citricola*, *S. mangiferae* and *S. plurivora*. An identification key to the species of each genus is provided.

Keywords: [BOTRYOSPHAERIACEAE](#); [DOTHIORELLA](#); [ITS](#); [PHYLOGENY](#); [SPENCERMARTINSIA](#); [SYSTEMATICS](#); [TAXONOMY](#)

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