

Spore germination of Frankia strains isolated from *Colletia hystrix* and *Retanilla ephedra* (Rhamnaceae)

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Two Frankia strains, Ch11 from *Colletia hystrix* and Re16 from *Retanilla ephedra*, were assayed to determine the germinability of their spores and the stages of the life cycle in different media. In BAP medium, both strains showed approximately 18% spore germination. However, in BAP medium lacking micronutrients and FeEDTA, strain Ch11 spores exhibited approximately 53% germination and strain Re16 spores about 42%. The survey also showed that the spores were not heat-resistant, the Re16 spores being more sensitive than Ch11 spores. Both strains exhibited a small increase in their percentage of germination with a 15-pulse ultrasonic treatment.