

The antifungal activity of *Glycosmis calcicola* and *G. rupestris* extracts

ABSTRACT

The antifungal activity of *Glycosmis calcicola* B.C. Stone and *G. rupestris* extracts was evaluated using poison food and spore germination techniques. The CHCl₃ extract of *G. calcicola* has been shown to be most effective in inhibiting mycelial growth, sporulation, and spore germination on three fungal pathogens of chili. The antifungal compounds were identified as flindersine and desmethoxyanthophylline and their structures were determined by spectroscopic methods and comparison with reported data.

Keyword: Antifungal; Chili pathogens; Desmethoxyanthophylline; Flindersine; *Glycosmis calcicola*; *G. rupestris*