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IN-VITRO ANTIBACTERIAL ACTIVITY OF *GYMNOSPORIA MONTANA* AGAINST SOME BACTERIAL STRAINS

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ABSTRACT

The antibacterial activity of petroleum ether, 70% methanol and aqueous extracts of *Gymnosporia montana* leaf and stem were studied. The dried extracts of leaf and stem of *Gymnosporia montana* were tested In-vitro against 8 bacterial species. Stem aqueous extract showed maximum activity compared to all other extracts. Stem aqueous extract showed maximum activity against *Escherichia coli* (17.0 mm) and *Streptococcus pyogenes* (13.0mm). 70% Methanolic extract showed maximum activity against *E coli* (16.0mm). Aqueous extracts of leaf showed maximum activity against *Enterococcus faecalis* (7.0 mm) Petroleum ether extracts of leaf showed maximum activity against *Pseudomonas aeruginosa* (7.0 mm) and methanolic extract showed maximum activity against *E coli* (7.0mm) and leaf aqueous extract showed maximum activity against *E coli* (7.0mm).