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## Antioxidant Assay of the Shoot Extract of Rattan Species of Sikkim Himalayas by DPPH Method

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Abstract—Plectocomia himalayana regionally known as 'beth' (Nepali), found in Sikkim is commonly cultivated from the wild for its edible shoot. The solvent extract of its shoots has free radical scavenging activity which was carried out in this study by 2,2-diphenyl-1-picrylhydrazyl DPPH. Hot methanol extract and cold methanol extract of the dried powder of the shoots of Plectocomia himalayana was used as sample for antioxidant profiling which was compared with two standards namely BHT (Butylated Hydroxyl Toluene) and Ascorbic acid. Further the its percentage scavenging activity was calculated.