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DISTRIBUTION OF ANGIOSPERMIC EPIPHYTES IN RAINFOREST OF PACHAKUMACHI HILL, CUMBUM VALLEY, WESTERN GHATS, INDIA

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ABSTRACT: Angiospermic epiphytes were screened in a total sample of 3932 trees (lianas excluded) of \geq 30 cm girth at breast height in a 1 ha permanent plot of tropical rain forest of Pachakumachi Hill, Indian Western Ghats. Epiphyte diversity totaled 18 species in 11 genera and 3 families. Fifteen species were in Orchidaceae family. The species richness estimators employed for species accumulation curves after 100 times randomization of sample order have stabilized the curve at 13th and 12th quadrat for ACE and Chao 2, respectively.

Keywords: Epiphyte, India, Pachakumachi hill, Tropical rain forest, Western Ghats.