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## **ASSESSMENT OF TREE DIVERSITY IN COFFEE BASED AGROFORESTRY SYSTEMS OF KODAGU, CENTRAL WESTERN GHATS**

B.N. SATHISH<sup>1\*</sup>, C.G. KUSHALAPPA<sup>1</sup> AND SYAM VISWANATHA<sup>2</sup>

<sup>1</sup>*Department of Forest Biology and Tree Improvement, College of Forestry,  
Ponnampet - 571 216 Kodagu, Karnataka, India*

<sup>2</sup>*Scientist 'E', Department of Tree Improvement, Institute of Wood Science and Technology,  
18<sup>th</sup> Cross, Malleswaram, Bangalore, India  
Email: satibn@gmail.com*

**ABSTRACT :** The present study on tree diversity was conducted in coffee agroforestry systems of Kodagu district located in Central Western Ghats. Coffee agroforests under two vegetation types, viz, moist deciduous and semi evergreen were chosen for the study. The Shannon's diversity values of shade trees were high in coffee agroforests under semi evergreen vegetation (3.44) than in moist deciduous vegetation (2.94). There was no significant difference in tree species richness among different vegetations. Diversity of shade trees was almost similar in large and smaller coffee agroforests.

**Key words :** *Agroforestry, biodiversity, coffee.*