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Documentation of Plant Species in Homegardens of Three Physiographic Regions of Hassan District, Karnataka

G.M. Prashanth Kumar ⁽¹⁾ N. Shiddamallayya ⁽²⁾

⁽¹⁾ Department of Botany, Post Graduate Centre, University of Mysore, Mysuru, Karnataka, India.

⁽²⁾ Medicinal Plant Research Section, Central Council for Research in Ayurvedic Sciences, Jawahar Lal Nehru Bhartiya Chikitsa Avum Homeopathy Anusandhan Bhavan, Janakpuri, New Delhi, India.

Abstract

The study was conducted in homegardens of the villages in three physiographic regions, Malnad, Semi-Malnad, and Maidan region of Hassan district, to document information on plant species in home gardens. In total, 299 plant species (96 trees, 82 shrubs, 70 herbs, and 52 climbers) belonging to 86 families and 232 genera were found growing naturally or cultivated from the homegarden. The family Fabaceae had the highest number of species, followed by Cucurbitaceae, Euphorbiaceae and Apocynaceae. The most common of the plants were ornamental (94 spp.), followed by medicinal (68 spp.), edible fruit (44 spp.) and vegetable (56 spp.), and other uses (38 spp.). The findings of the study, home gardens are a type of production system that is kept for the purpose of collecting a variety of products and are key avenues for species conservation and food.

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