

VARIATION IN SPECIFIC GRAVITY AND VASCULAR BUNDLES IN PLANTATION GROWN *BORASSUS FLABELLIFER* L.

S.K. Sharma*, S. Shashikala, M. Sujatha and Harshitha Luies

Wood Properties and Uses Division, Institute of Wood Science and Technology,
P.O.Malleswaram, Bengaluru-560 003

Email: sksharma@icfre.org

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Abstract: The specific gravity and number of vascular bundles were studied from periphery to the central position of the stem and at three different heights i.e bottom, middle and top in trees of *Borassus flabellifer* L. (palmyra palm). It was observed that the specific gravity increased from the central position of the stem to the periphery and the trend was same in all three positions i.e bottom, middle and top of the stem. The frequency of the vascular bundles was higher near the periphery than the central position. The number of vascular bundles increased from bottom to the top of the stem and the specific gravity also increased from bottom to top of the stem near the peripheral position.

Keywords: Anatomy, *Borassus flabellifer*, Palmyra palm, Specific gravity, Vascular bundles

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*Corresponding Author