

# *Datisceoxylon baradii* gen.et sp.nov, a Fossil Dicot Wood from the Deccan Intertrappean Beds of Mahurzari, Nagpur, India

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**Abstract:** *A petrified wood related to the family Datisceaceae was collected from the Deccan Intertrappean Series of India. The present wood found well preserved in the barad, Mahurzari near Nagpur, Maharashtra State, India. Wood is diffuse porous, tylosed, vessels solitary and in multiples of two to four, perforation plate simple, intervacular pit pairs alternate and bordered, xylem parenchyma paratracheal vasicentric, wood rays biseriate and homogenous, fibres non-septate and non-storied. Comparison is made with the modern families like: - Passifloraceae, Onagraceae, Combretaceae, Oxalidaceae and Datisceaceae. It shows great affinities with the family Datisceaceae and hence named as Datisceoxylon baradii gen.et sp.nov. The generic name has been assigned on the basis of its affinities with the family and the specific name is after the locality.*

**Keywords:** Deccan, Series, Perforation, Xylem, Diffuse