

Brachychiton xanthophyllus Guymer

Family:
Malvaceae

Guymer, G.P. (1988) *Australian Systematic Botany* 1(3): 295. Type: Mitchell Plateau, c. 25 km NW of Mining Camp (14 38 S, 125 48 E), NW Kimberley, Western Australia, 22 April 1977, Eichler 22437; holotype: CANB.

Common name:
Kurrajong

Stem

Deciduous; leafless from June to October. Horizontally elongated speckles present in the outer blaze. Inner blaze finely layered and exhibiting a fine oak grain.

Leaves

Twig bark strong and fibrous when stripped. Leaf blades about 12-22 x 14-22 cm. Numerous closely spaced, matted, stellate hairs visible with a lens on the lower surface of the leaf blade, scattered stellate hairs also visible on the upper surface. Pores in the twig pith readily visible to the naked eye.

Flowers

Perianth induplicate-valvate in the bud, with the induplicate margins more than 2 mm wide. Perianth about 40-50 mm long, stellate-hirtellous inside and out, hairs brown. Floral nectaries present on the inside near the base of the perianth tube. Flowers not viscid.

Fruit

Fruits stellate-velutinous, about 8-12 x 3.5-4.5 cm. Seeds about 9-11 x 6-7 mm.

Seedlings

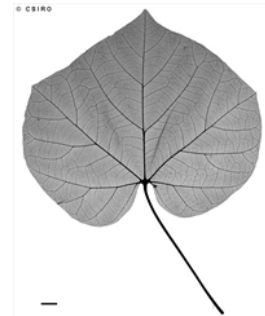
Cotyledons enclosed in the seed coat, attached to the hypocotyl by long petioles. First pair of leaves cordate, hairy on the upper surface and petiole. Most hairs simple and straight, a few stellate. At the tenth leaf stage: leaves +/- 3-lobed, base cordate, stellate hairs visible with a lens on both the upper and lower surfaces. Seed germination time 20 days.

Distribution and Ecology

Endemic to WA. Altitudinal range from near sea level to 300 m. Grows in monsoon forest and vine thickets in rocky situations.

RFK Code

971



Scale bar 10mm. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, durian germination. © CSIRO

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