

Eucalyptus pellita F.Muell.

Family:

Myrtaceae

Mueller, F.J.H. von (1864) *Fragmenta Phytographiae Australiae* 4: 159. Type: Rockingham Bay, Qld, 1864, *Eucalyptus pellita* F. Muell. MEL; iso: K.

Common name:

Large Fruited Red Mahogany; Red Stringybark; Forest Mahogany; Red Gum; Daintree Stringybark; Hickory; Mahogany, Red; Red Mahogany; Grey Gum

Stem

Bark brown, rough, persistent to the small branches, shortly fibrous, often quite thick.

Leaves

Oil dots visible with a lens if not visible to the naked eye. Leaf blades about 9.5-15 x 2.5-4 cm.

Flowers

Peduncles flat, strap-like. Individual flowers pedicellate. Operculum conical or broadly conical, about 8 mm diam., usually longer and often wider than the calyx tube (hypanthium). Outer operculum shed early, before the mature bud stage.

Fruit

Fruits pedicellate, +/- turbinate, about 7-9 x 9-13 mm. Valves 4-5, exserted. Seeds not winged.

Seedlings

Cotyledons much wider than long, somewhat bilobed. Oil dots sparse and small, visible only with a lens. At the tenth leaf stage: leaf blade ovate; oil dots small, reddish, easily seen with a lens. Entire seedling glabrous. Small lignotuber present. Seed germination time 10 to 15 days.

Distribution and Ecology

Endemic to Australia, occurs in CYP and NEQ. Altitudinal range in CYP and NEQ from near sea level to 760 m. Grows in open forest and wet sclerophyll forest, but also found on rain forest margins and as an emergent in rain forest which is advancing into eucalypt forest.

Natural History & Notes

Produces a useful general purpose, reasonably durable, construction timber.

Wood specific gravity 1.00. Cause et al. (1989).

Synonyms

***Eucalyptus biterranea* L.A.S.Johnson & K.D.Hill**, *Telopea* 8: 505(2000), Type: Queensland, Mt Tozer, 12 45 S 143 12 E, 28 July 1986, K. Hill 1862, P. Hind & D. Healey; holotype: NSW; iso: BRI, CANB, PERTH.

RFK Code

428



Leaves, flowers and buds. © CSIRO



Fruit [not vouchered]. CC-BY J.L. Dowe



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO



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