

Rhodamnia costata A.J.Scott

Family:
Myrtaceae

Scott, A.J. (1978) *Kew Bulletin* 33: 453. Type: AUSTRALIA, Queensland, Bridle L.A., S.F.R. 607, Hyland 2040 (holotype, K) isotypes BRI, CANB, L, MEL, MO, NSW, QRS, RSA).

Common name:
White Malletwood; Silver Malletwood; White Myrtle; Rib-fruited Malletwood; Malletwood

Stem

Living bark layer thin. Dead bark layered.

Leaves

Leaf blades about 4-9 x 2.5-4 cm, whitish on the underside. Oil dots very numerous, about 1-3 per reticulation. Midrib depressed on the upper surface and petiole channelled on the upper surface.

Flowers

Inflorescence not exceeding the leaves, but longer than the petioles. Calyx lobes about 1 mm long. Petals broadly spatulate, about 5 mm long. Ovary apex pubescent.

Fruit

Infructescence not exceeding the leaves. Calyx lobes persisting at the apex of the fruits. Fruits globular or depressed globular, about 7-8 x 8-9 mm diam. Seeds variable in shape, about 3.5 x 3 mm.

Seedlings

Cotyledons ovate, about 6-8 mm long, apex mucronate. Oil dots very small, visible with a lens. At the tenth leaf stage: leaf blade ovate, apex acute or apiculate, base cuneate, hairs present only along midrib on both the upper and lower surfaces; oil dots small, visible with a lens. Seed germination time 52 to 85 days.

Distribution and Ecology

Endemic to Queensland, occurs in NEQ and CEQ. Altitudinal range from 750-1100 m. Grows in well developed upland and mountain rain forest usually on soils derived from granite.

RFK Code

605



Flowers [not vouchered]. © G. Sankowsky



Flowers [not vouchered]. © G. Sankowsky



Flowers [not vouchered]. © G. Sankowsky



Fruit, four views and cross section. © W. T. Cooper



Fruit [not vouchered]. © G. Sankowsky



Leaves [not vouchered]. © G. Sankowsky



Scale bar 10mm. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO

