

Stockwellia quadrifida D.J.Carr, S.G.M.Carr & B.Hyland

Family:

Myrtaceae

Carr, D.J., Carr, S.G.M. & Hyland, B. (2002) *Botanical J. Linnean Society* 139: 416. Type: Queensland, Timpanoo Range, 4220 Boonjee L. A., 4 Dec. 1972, Hyland 6589; Holo: CANB; Iso: NSW.

Common name:

Stockwellia; Vic Stockwell's Puzzle

Stem

Blaze odour resembling that of Camphor Laurel (*Cinnamomum camphora*) or pine (*Pinus* spp.). Living bark layer quite thin.

Leaves

Lateral veins sometimes, but not always, forming loops inside the blade margin. Leaf blades about 7-12 x 2-3.8 cm. Midrib raised on the upper surface. Old leaves turn red prior to falling.

Flowers

Individual flowers sessile and arranged in triads on a flattened peduncle about 10-20 mm long. Perianth splitting lengthways to expose the stamens which are pendulous in the bud.

Fruit

Individual fruits about 15-20 mm diam, enclosed in the hypanthium with only the tips of the valves protruding. Seeds about 8-10 x 5-6 mm. Testa smooth, hilum +/- oval or orbicular, lateral.

Seedlings

Cotyledons emarginate at the apex, base cordate, fleshy, without venation, pink on the lower surface. Oil dots visible with a lens. First pair of leaves pink when young. At the tenth leaf stage: leaf blade elliptic, glabrous, midrib raised on the upper surface, lateral veins form loops inside the blade margin; oil dots visible to the naked eye. Seed germination time 14 days.

Distribution and Ecology

Endemic to NEQ, restricted to the south-eastern edge of the Atherton Tableland and the Bellenden Ker Range. Altitudinal range probably small, from 600-750 m. Grows in well developed upland rain forest.

Synonyms

Myrtaceae Gen. Nov. sp. (Boonjee BH 6589.

RFK Code

586



Flowers and flower buds. © CSIRO



Flowers. © CSIRO



Leaves and Flowers. © CSIRO

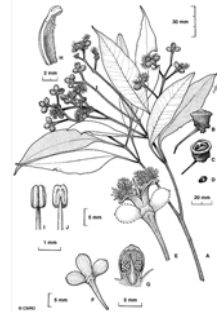
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Fruit, side view and dehiscent fruit bird's eye view. © W.T. Cooper



Scale bar 10mm. © CSIRO



Habit, flower & bud, calyx lobe, anther, fruit. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



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