

# *Syzygium johnsonii* (F.Muell.) B.Hyland

Family:  
Myrtaceae

Hyland, B.P.M. (1983) *Australian Journal of Botany Supplementary Series* 9: 95.

Common name:  
Rose Satinash; Watergum; Satinash, Rose; Johnson's Satinash; Satinash, Johnson's

## Stem

Outer bark generally pink or reddish brown. Adventitious roots sometimes present towards the base of the stem.

## Leaves

Oil dots quite large and conspicuous but somewhat sparsely distributed. Leaf blades about 5.7-11.7 x 2-7 cm. Petiole and midrib grooved or depressed on the upper surface. Crushed leaves emit a fairly strong odour, resembling mango (*Mangifera indica*). Lateral veins scarcely visible on the upper surface.

## Flowers

Bracts deciduous, absent at anthesis. Calyx tube (hypanthium) + pedicel about 3-6 mm long, calyx tube (hypanthium) about 3-5 mm diam., calyx lobes slightly dimorphic, rounded to broadly triangular, about 1.5-2 mm long. Petals +/- orbicular, about 2-2.5 mm diam., oil dots present or absent, up to five per petal. Outer staminal filaments about 5-13 mm long, anthers about 0.4-0.6 x 0.4-0.7 mm, gland terminal, conspicuous. Ovules about 10-17 per locule, placentas central, ovules radiating, ascending. Style about 8-17 mm long, approximating the stamens.

## Fruit

Fruits oblong, attaining about 20 x 15 mm., calyx lobes persistent, about 2 mm long, pericarp succulent. Seed solitary, about 10 x 6 mm, testa free from or only slightly adhering to the pericarp and free from the uniformly textured cotyledons. Radicle lateral, cotyledons mauve or purple when fresh, petiolate, cotyledonary stipules present.

## Seedlings

Cataphylls about 2 pairs. At the tenth leaf stage: leaf blade obovate, apex acuminate, base attenuate, glabrous; oil dots large, visible to the naked eye. Seed germination time 29 to 48 days.

## Distribution and Ecology

Endemic to Queensland, occurs in CYP, NEQ, CEQ and southwards as far as south-eastern Queensland. Altitudinal range from sea level to 1550 m. Grows in well developed rain forest on a variety of sites.

## Natural History & Notes

This species occasionally produces millable logs and the timber is marketed as Rose Satinash. Wood specific gravity 0.82-0.85. Hyland (1983).

## Synonyms

*Eugenia johnsonii* F.Muell., *Victorian Naturalist* 8: 199(1892), Type: Mount Bartle Frere, S. Johnson. holo: MEL; iso: MEL, BRI. *Eugenia petriei* C.T.White & W.D.Francis, *Proceedings Royal Society Queensland* 35: 71(1923), Type: Fraser Island, W. R. Petrie; holo: BRI; iso: BO.

## RFK Code

45



Leaves and Flowers. © B. Gray



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



Scale bar 10mm. © CSIRO



Cotyledon stage, hypogeal germination. © CSIRO





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