

Gossia sankowskyorum N.Snow & Guymer

Family:
Myrtaceae

Snow, N. & Guymer, G.P. (2003) *Systematic Botany Monographs* 65: 77. Type: Qld, Byerstown Range, S of Lakeland Downs, 15 deg 59, 144 deg 49, 20 Jan 1986, G.P. Guymer 2037; Holo: BRI; Iso: CANB, GREE, K, MO, NSW, QRS.

Common name:
Lignum

Stem

A small tree usually not exceeding 30 cm dbh, stem fluted and convoluted. Outer blaze +/- green.

Leaves

Leaf blades about 1.7-4.3 x 0.9-2 cm, petioles about 0.2-0.3 cm long, grooved or channelled on the upper surface. Oil dots numerous, brownish, visible with a lens. Midrib +/- flush with the upper surface. Stipules small and inconspicuous. Lateral veins generally indistinct with only 1 or 2 obvious on each side of the midrib.

Flowers

Calyx lobes about 2 mm long, pubescent adaxially. Petals glabrous adaxially, about 4-5 mm long with about 80 orange oil dots per petal. Stamens numerous, filaments about 3 mm long, anthers with an orange gland at the apex. Style about 3-4 mm long.

Fruit

Fruits +/- globular, about 5-6 mm diam, calyx lobes persistent at the apex. Stalks (peduncles) very slender. Seeds globular, about 3-4 mm diam. Embryo coiled, cotyledons small and inconspicuous, one larger than the other, both much narrower than the radicle.

Seedlings

Cotyledons about 4-6 x 1-1.5 mm, very small oil dots visible about the margins of the cotyledons, midrib just visible. Stipules present. At the tenth leaf stage: oil dots yellow or reddish, visible to the naked eye. Intramarginal vein and lateral veins visible with a lens. Stipules small, about 1 mm long. Seed germination time 10 to 12 days.

Distribution and Ecology

Occurs in CYP and NEQ. Altitudinal range from 400-700 m. Grows as an understory tree in monsoon forest usually on rocky outcrops.

Synonyms

Austromyrtus sp. (Byerstown Range GPG 2037), [Provisional name].

RFK Code

1006



Flowers. © G. Sankowsky



Flowers. © G. Sankowsky



Leaves and flowers. © G. Sankowsky



Leaves and fruit. © CSIRO



Trunk. © G. Sankowsky



Scale bar 10mm. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO

