

## *Polyosma rhytophloia* C.T.White & W.D.Francis

### Family:

Escalloniaceae

White, C.T. & Francis, W.D. (1926) *Proceedings of the Royal Society of Queensland* 37: 158. Type: Eungella Range, about 40 miles westward of Mackay, W.D. Francis, October 3rd to 12th, 1922 (flowering specimens, type).

### Common name:

Wrinkled Bark Polyosma

### Stem

Seldom exceeding 30 cm dbh. Lenticels usually conspicuous, pale, forming longitudinal lines on the stem. Oak grain in the inner blaze.

### Leaves

Leaf blades about 7.5-12 x 2.5-6 cm. Midrib depressed on the upper surface. Lateral veins forming definite loops well inside the blade margin. Teeth peg-like, slightly curved, and appear as though attached as an afterthought.

### Flowers

Calyx glabrous on the outer surface, lobes about 0.5 mm long. Corolla pubescent on the outer surface, about 12-13 mm long. Staminal filaments about 7 mm long. Ovary tends to be 2-locular near the base and apex, but unilocular about the middle. Style about 12 mm long, stigma +/- peltate.

### Fruit

Fruits glabrous or minutely puberulous, globular or obovoid, about 10-12 x 9-10 mm. Seeds about 7-9 x 6-7 mm, mucronate at the apex.

### Seedlings

Cotyledons linear-obovate, about 5-7 mm long, base sessile. First pair of leaves toothed with about 2-4 teeth along each margin. At the tenth leaf stage: leaf blade elliptic to obovate, apex acute or mucronate, base cuneate to attenuate, margin serrate, teeth with a fine point at the apex, 5-8 along each margin, hairy on the upper surface. Seed germination time 251 to 281 days.

### Distribution and Ecology

Endemic to Queensland, occurs in NEQ and CEQ. Altitudinal range in NEQ from 600-1200 m. Grows as an understory tree in well developed upland and mountain rain forest.

### RFK Code

301



Leaves and Flowers. © CSIRO



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



Leaves and Flowers. © CSIRO



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO

