

# *Austromuelleria valida* B.Hyland

Family:  
Proteaceae

Hyland, B.P.M. (1999) *Flora of Australia* 17B: 396. Type: 1 Mile past E/P18, North Mary Logging Area, QLD, 7 Feb. 1974. K.Sanderson.

## Stem

Oak grain in the wood and a corresponding pattern in the inner blaze. Cream or white granular stripes in the outer blaze. Lenticels in longitudinal lines.

## Leaves

Oak grain in the twigs. Leaves predominantly simple but occasionally lobed, trifoliolate or compound with about 2-5 leaflets. Leaf blades about 7-10 x 5.5-8 cm. Petioles about 5.5-9 cm. Young shoots densely clothed in rusty brown hairs.

## Flowers

Racemes about 17-30 cm long. Tepals about 14-17 mm long. Hypogynous glands three, turgid. Ovules 1 or 2.

## Fruit

Fruits about 10-15 cm long. Seeds flat, about 9-12 x 4.5-5 cm overall including the wing.

## Seedlings

Cotyledons with several veins radiating from the petiole. First pair of leaves deeply trilobed. Terminal bud clothed in rusty hairs. At the tenth leaf stage: leaf compound with about 4-6 leaflets or lobes; petiole and compound leaf axis hairy. Seed germination time 55 to 253 days.

## Distribution and Ecology

Endemic to NEQ, restricted to the Mt Spurgeon-Mt Lewis area and Pinnacle Rock west of Mossman. Altitudinal range from 1000-1200 m. Grows in well developed mountain rain forest.

## RFK Code

690



© CSIRO



Scale bar 10mm. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



Habit, flower & bud, ovary, anther, fruit, seed, seedling. © CSIRO



Web edition hosted at <https://apps.lucidcentral.org/rainforest>