

Leucopogon yorkensis Pedley

Family:
Ericaceae



Pedley, L. (1990) *Austrobaileya* 3(2): 268. Type: Queensland, Restoration Beach, J.Clarkson 2940; holotype, RBUS, CANB, MEL, MO, NSW, NT, PERTH, PR, QRS.

Stem

Can form a small poorly formed tree but usually flowers and fruits as a shrub about 2-4 m tall.

Leaves

Leaf blades about 6-12 x 1.5-3 mm, mucronate at the apex, midrib absent, veins fine, +/- longitudinal and parallel, radiating from the base, margins finely hairy. Young leafy twigs clothed in short erect white hairs.

Flowers

Flowers about 3 mm long, borne in short axillary spikes almost hidden by the leaves. Corolla lobes recurved, inner surface hairy. Anthers brown or golden brown, +/- pendulous from the filament which is attached near the apex of the anther. Ovary 5-lobed, base enclosed in a green cup-shaped gland.

Fruit

Fruits globular or depressed globular, about 3-6 mm diam., +/- translucent when ripe. Calyx persistent at the base and style persistent at the apex. Endocarp quite hard, longitudinally ribbed? Seeds about 1.5 mm long, pointed at each end. Embryo filiform, about 1 mm long.

Seedlings

Cotyledons linear to narrowly oblong, about 9-10 x 1 mm, sessile, venation longitudinal and parallel, midrib obvious. First leaves shorter than the cotyledons, linear, apex acute, venation longitudinal or 3-veined. At the tenth leaf stage: seedling very small, less than 2 cm tall, leaves smaller than the cotyledons, clustered at the end of the stem. Leaves without obvious venation or 3-veined when viewed from below. Seed germination time 335 to 390 days.

Distribution and Ecology

Endemic to Queensland, occurs in CYP and NEQ. Altitudinal range from near sea level to 60 m. Usually grows in low heathy forest on old sand dunes, occasionally found in open forest, beach forest and vine thickets.

RFK Code

3060

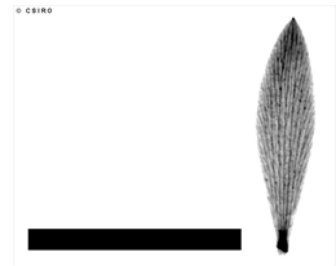


Leaves, flowers and fruit. ©

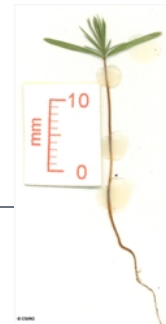
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Leaves and fruit. © CSIRO



Scale bar 10mm. © CSIRO



10th leaf stage, cotyledons still attached, epigeal germination. © CSIRO

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