

Acacia fasciculifera F.Muell. ex Benth.

Family:
Fabaceae



Bentham, G. (1864) *Fl. Austr.* 2: 361. Type: Rockhampton, J. Dallachy; lecto: K. Fide Pedley, L. (1979), *Austrobaileya* 2: 361

Common name:

Scrub Ironbark; Scaly Bark; Rose Wattle; Ironbark, Scrub; Wattle, Rose

Stem

Bark dark, very rough and flaky on larger trees. Inner blaze very fibrous and stringy.

Leaves

Leaves phyllodineous, penninerved, reticulate, but with thickened vein-like margins. Leaf blades about 5-13 x 0.7-2 cm. A gland usually visible on the edge of the leaf blade slightly above the leaf blade junction. Petiole very short, somewhat swollen and transversely wrinkled.



Scale bar 10mm. © CSIRO

Flowers

Inflorescence a condensed raceme of heads, appearing to be an axillary cluster of flowers, the axis appressed pubescent, about 3-8(-14) mm long, bearing about 3-8 sparsely pubescent or glabrous peduncles about 10-15 mm long, sometimes the inflorescence much reduced. Heads about 25-flowered. Calyx lobes free, about 0.7-1 mm long, linear-obtuse. Corolla lobes about 1.5-2 mm long, obovate, uninerved, about as long as the tube. Stamens about 4 mm long. Ovary glabrous.



Cotyledon stage, epigeal germination. © CSIRO

Fruit

Pod flat, about 10-12.5 x 0.8-1.3 cm, prominently marginally nerved, transversely veined. Seeds shiny black, longitudinally oriented in the pod, flattened, about 5-7 x 4-6.3 mm. Funicle (colour unknown), thickened gradually from the edge of the pod to the base of the seed, undulate, but not folded.

Seedlings

Cotyledons ovate, about 8-9 mm long. First pair of leaves pinnate. Third leaf usually simple, linear, phyllodineous and penninerved but with a thickened margin. At the tenth leaf stage: leaves +/- erect, about 16-20 cm long, linear, penninerved but the margin thickened and vein-like; midrib raised on both surfaces; stipules small, broadly triangular and persistent. Seed germination time 7 days.



10th leaf stage. © CSIRO

Distribution and Ecology

Endemic to Australia, occurs in NEQ, CEQ and southwards as far as the Queensland border. Altitudinal range in NEQ from near sea level to 550 m. Grows in monsoon forest and other dry scrubs like brigalow scrub and on the margins of some of the drier rain forests.

Synonyms

Racosperma fasciculiferum (Benth.) Pedley, *Austrobaileya* 2(4): 348(1987). *Acacia penninervis* Sieb. ex DC. var. *stenophylla* Domin, *Biblioth. Bot.* 89: 254(1926), Type: Rockhampton, Dietrich 575; holo: PR; iso: HBG.

RFK Code

935

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