

WATTLE

Acacias of Australia

Acacia brockii Tindale & Kodela



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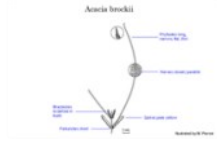
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Acacia brockii occurrence map.
Occurrence map generated via Atlas of Living Australia (<https://www.ala.org.au>).

Family

Fabaceae

Distribution

Recorded from several localities in the southern region of Kakadu Natl Park, N.T.

Description

Tree to 5 m high, slender; foliage silver-grey at first, soon **glabrous**. Bark smooth, grey. **Branchlets terete**, angular towards apices, **±appressed-pubescent**. Phyllodes **linear**, flat, **straight** or slightly **falcate**, (8.5–) 11–25.6 cm long, 1.4–2.8 mm wide, with glanduliferous apex, **±rigid**, with **appressed caducous** silvery hairs, later subglabrous and bright green, with 5–8 **longitudinal** nerves per mm; midnerve slightly more prominent; **gland** basal. Peduncles 2–3 mm long, densely **pubescent**. Spikes single or paired, 23–43 mm long, 3.5–4.5 mm wide, pale yellow. Flowers **5-merous**; **calyx** 0.8–0.9 mm long, dissected 1/5–1/3, **appressed-puberulous ciliate**; **corolla** 1.2–1.5 mm long, dissected 2/5–1/2, **glabrous**. Pods **linear**, raised over seeds, **±straight**-sided, 8–11.7 cm long, 4.5–6 mm wide, papryaceous, light brown, **glabrescent**. Seeds **longitudinal**, brown; **areole** open.

Phenology

Flowers Apr. & May.

Habitat

Grows in crumbly red kaolinitic soil in dry *Asteromyrtus* heathland, in deep white sand besides permanent streams in sandstone gorges, and in skeletal soil on sandstone along streambanks in shrubland.

Specimens

N.T.: Barramundie Gorge, *J.Brock s.n.* (DNA25091) and *J.Brock 109* (DNA).

Notes

Acacia brockii is distinguished by caducous appressed hairs on the phyllodes, ciliate bracteoles with acute apices extending beyond the flower buds, and silvery hairs on the calyces.

FOA Reference

Data derived from *Flora of Australia* Volumes 11A (2001), 11B (2001) and 12 (1998), products of ABRS, ©Commonwealth of Australia

Author

Minor edits by J.Rogers

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This identification key and fact sheets are available as a mobile application:



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URL: <https://keys.lucidcentral.org/keys/v3/wattle>
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