

WATTLE

Acacias of Australia

Acacia delibrata A.Cunn. ex Benth.



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See illustration.



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

Family

Fabaceae

Distribution

Occurs in tropical W.A., on the offshore islands, and mainland ranging from 15°S to 17°S and 123°E to 127°E.

Description

Shrub or tree to 9 m high, **resinous**; trunk to 4.5 m high. Bark 'Minni Ritchi', red-brown. **Branchlets** angular to ±flattened near apices, very slender, dark red-brown; ridges light to dark red-brown, ±**sericeous**; **interstices sericeous** or ±**glabrous**, ±**lenticellate**. Phyllodes very narrowly **elliptic** to ±**linear**, flat, **falcate**, 6–14.5 cm long, 1.5–8 mm wide, thin; hairs weak, **appressed** on **lamina** or only on nerves; margins and base (young phyllodes pale yellow- to white-**sericeous**), with conspicuous midnerve and 1–3 semiprominent nerves on each side; minor nerves 3 or 4 per mm, occasionally **anastomosing**; **gland** 1, basal, to 1 mm above **pulvinus**. Spikes 1.5–3 cm long, delicate, pale yellow or cream-coloured. Flowers **5-merous**; **calyx** 0.4–0.6 mm long, dissected for 1/3–2/3; upper **calyx** tube **pubescent**, with ciliate margins; **corolla** c. 1–1.3 mm long, dissected for 1/2, **papillose**; **ovary pubescent**. Pods **linear**, submoniliform, often twisted, subtetragonous, 8–14 cm long, **crustaceous**, obscurely **reticulate**, ±**glabrous**; margins to 5.5 mm thick. Seeds **longitudinal**, rotund, 4–5 mm long, light brown to blackish; **pleurogram** with broad, yellowish halo; **areole** closed, round or **elliptic**, **depressed**, light brown to blackish.

Phenology

Flowers Apr.–June & Oct.

Habitat

Grows in stony soil over quartzite or sandstone, on plateaux, on the coast or along watercourses, in eucalypt woodland or in pure stands.

Specimens

W.A.: Sunday Is., W Kimberleys, *W.V.Fitzgerald* (MEL, NSW); 22 km SW of Mount Barnett Stn, E Phillips Ra., *G.P.Guymer 572* (NE, NSW); Galvans Gorge, Phillips Ra., *J.H.Willis & A.C.Beauglehole* (MEL, NSW107765); Boongaree Is., Prince Frederick Harbour, *P.G.Wilson 11338* (MEL, PERTH).

Notes

The illustrations of "*A. delibrata*" given in F.J.H. von Mueller, *Iconogr. Austral. Acacia* dec. 11: [pl. 1] (1888) are not this species. Although L.Pedley, *Austrobaileya* 1: 159 (1978) suggested that they represent *A. torulosa* it appears that the plate comprises elements of two taxa. The flowering specimen illustrated is possibly *A. torulosa* and the fruiting specimen is possibly *A. oncinocarpa*, but further study is needed to verify these determinations.

FOA Reference

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

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



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Biodiversity, Conservation
and Attractions
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Australian
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Resources
Study



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