

WATTLE

Acacias of Australia

Acacia leptophleba F.Muell. ex Benth.



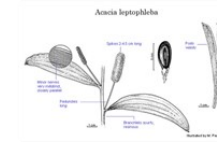
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Acacia leptophleba occurrence map.
Occurrence map generated via Atlas of Living
Australia (<https://www.ala.org.au>).

Family

Fabaceae

Distribution

Occurs in northern Australia, mainly in the Ord and Bow R. districts and at Sturt Ck, W.A., from the Victoria R. eastwards to Montejinni and Wave Hill, N.T.

Description

Shrub 0.9–2.5 m high, to 8 m wide, *scurfy*, *papillose*, *resinous*. Bark \pm smooth or slightly rough, grey. *Branchlets* slightly angular or flattened towards apices, light to dark brown. Phyllodes narrowly *elliptic* to very narrowly *elliptic-linear* or narrowly *oblanceolate*, *oblique*, flat, 3.5–11 cm long, 7–20 mm wide, with resin-crenulated margins, *coriaceous*, *rigid*, with 3 *longitudinal* subprominent nerves indistinct towards apex (the lower *nerve* confluent with margin near base); minor nerves inconspicuous, possibly with obscure minor anastomoses confused by fine *longitudinal* wrinkling when dry; *gland* 1, basal, 0.5–1.6 mm above *pulvinus*. Spikes 2–4.5 cm long, golden. Flowers 5-*merous*; *calyx* 0.8–1.3 mm long, dissected to 1/2–4/5, sometimes *papillose*; *corolla* 1.4–2 mm long, dissected to 1/4–2/3, *glabrous*; *ovary* \pm *villous*. Pods *erect*, *linear-oblanceolate*, *straight-sided*, 7–11.5 cm long, 6–10 mm wide, *woody*, *striate*, *glabrous*, opening \pm elastically from apex; margins prominent. Seeds *oblique*, *oblong-elliptic*, 6–8 mm long, black or dark brown; *areole* open, elongated, *depressed*; *funicle-aril* narrowly conical.

Phenology

Flowers Apr.–Sept.

Habitat

Grows in sandy, often alluvial soils or in rocky skeletal soils, on calcareous sandstone, dolomite or granite, on hillsides in *Eucalyptus-Heteropogon* woodland or on the plains in savannah grassland with spinifex.

Specimens

W.A.: Bedford Downs, *F.Lullfitz* 6199 (CANB, K, NSW); Turkey Ck, 160 km N of Halls Creek, *M.D.Tindale* 10146, *P.Munns* & *R.Turley* (BRI, CANB, DNA, MEL, NSW, PERTH). N.T.: Limbunya, *C.R.Dunlop* 3517 (DNA, K, NSW); 54 km E of Top Springs, *G.P.Guymer* 648 (NE, NSW); Pinkerton Ra., *I.V.Newman* 621 (NSW).

Notes

There is some variation in the nervation of the phyllodes. In several specimens, much smaller, fallen pods have been collected near the plants but they may be from other species.

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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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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