

WATTLE

Acacias of Australia

Acacia papyrocarpa Benth.



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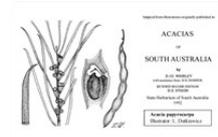
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Acacia papyrocarpa occurrence map.
Occurrence map generated via Atlas of Living
Australia (<https://www.ala.org.au>).

Common Name

Western Myall

Family

Fabaceae

Distribution

Scattered in southern inland W.A. from near Kalgoorlie across the Nullarbor into S.A. as far as Mt Irwin Stn and South Flinders Ra. A flowering specimen from near Cooper Ck, Qld, is distributionally anomalous and may in fact not even represent this species.

Description

Tall **shrub** or small **tree** 3–8 m high; crown **dense**, neat, **rounded**, spreading. Bark **fissured**, grey. **Branchlets** occasionally **pendulous**, **appressed-puberulous**, **glabrescent**. Phyllodes **linear**, subterete to flat, 4–12 cm long, 1–3 mm wide, **acuminate** with a fine delicately **curved innocuous** point, not **rigid**, silvery **appressed-puberulous**, often **glabrescent**; multistriate with numerous, closely parallel, indistinct nerves. Inflorescences **rudimentary** 2–5-headed racemes with **axes** c. 1 mm long or **simple** in **axillary** clusters; peduncles 2–7 mm long, silvery **appressed-puberulous**; heads **globular**, 3–4 mm diam., 20–25-flowered, golden; bracteoles **oblanceolate**, **ciliate**. Flowers **5-merous**; sepals free to 1/3-united; petals **glabrous**. Pods **narrowly oblong**, flat, slightly raised over and constricted between seeds, to 11 cm long, 4–10 mm wide, **chartaceous**, **reticulate**, **glabrous**. Seeds **longitudinal**, broadly **elliptic** to **ovate**, 4.5–5 mm long, subnitid, dark brown; **aril** small.

Habitat

Grows in sandy loam, clay and calcareous soil, in low open woodland and shrubland, often with chenopods.

Specimens

W.A.: Mt Gibson Stn (between Wubin and Paynes Find), *B.R.Maslin 4223* (PERTH); Great Victoria Desert, just S of Plumridge Lakes, *B.R.Maslin 5712* (BRI, PERTH). S.A.: c. 27 km W of Port Augusta on Hwy 1, *B.Copley 3165* (NSW, PERTH); c. 15 km W of Nullarbor HS, *D.J.E.Whibley 4504* (PERTH). Qld: near Boongeen Creek, 10 km E of Cooper Creek, *R.Bennett*, 28 Aug. 1984 (BRI, PERTH).

Notes

Aspects of the biology of *A. papyrocarpa* are summarised in D.J.E.Whibley & D.E.Symon, *Acacias S. Australia* 2nd edn, 220–221 (1992).

Difficult to distinguish from *A. loderi* which has narrower, non-reticulate submoniliform pods; it also tends to have narrower phyllodes and less hairy bracteoles. Intermediates between the two species are reported by D.J.E.Whibley & D.E.Symon, *Acacias S. Australia* 2nd edn, 218 (1992). Also related to *A. sibilans* and more distantly to *A. fraternalis*.

An entity related to *A. papyrocarpa* characterized by coarsely pungent phyllodes and represented by a number of collections, including *M.Koch 274*, is discussed under *Acacia* sp. *Blyth Range* (W.V.Fitzgerald s.n. 1898); this entity is discussed by R.S.Cowan & B.R.Maslin, *Fl. Australia* 11B: 108 (2001) under *A. papyrocarpa*. In the area N of Port Augusta, S.A., a pendulous form, locally called Water Myall, occurs sympatrically with typical *A. papyrocarpa*.

FOA Reference

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

Author

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



Australian Government
Department of the Environment and Energy



Department of
Biodiversity, Conservation
and Attractions
Western Australian Herbarium



Australian
Biological
Resources
Study



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

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