

WATTLE

Acacias of Australia

Acacia gelasina Maslin



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See illustration.



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

Family

Fabaceae

Distribution

Restricted to a small area along the North West Coastal Hwy N of the Murchison R. (E of Kalbarri), W.A.

Description

Glabrous shrub 1–2.5 m high. Phyllodes **erect, oblanceolate to linear-oblanceolate**, 4–10 cm long, 3–8 mm wide, narrowed at base, **obtuse, mucronate**, thickly **coriaceous**, subrigid, **glaucous** to subglaucous; **midrib** and marginal nerves yellow; **lateral** nerves obscure; glands obscure, normally 1–3 mm above **pulvinus**, and at base of **mucre**. Inflorescences (1-) 2–6-headed racemes; **raceme axes** 2–20 mm long; peduncles 1–2 cm long; heads **globular**, densely 35–50-flowered, ?pale yellow. Flowers **5-merous**; sepals ±free or sometimes 2 or 3 partially united. Pods **narrowly oblong**, flat, **rounded** over seeds and shallowly constricted between them, to 15 cm long, 10–14 mm wide, firmly **chartaceous** to thinly **coriaceous**, normally yellow-brown. Seeds **longitudinal**, circular to broadly **elliptic** or broadly **ovate**, somewhat flattened, 7–8 mm long, slightly shiny, dark brown to blackish, pale-coloured at the shallowly **depressed** centre, **exarillate**.

Habitat

Grows in yellow sand in closed scrub.

Specimens

W.A.: type locality, *A.M.Ashby 3874* (K, MEL, PERTH); 15 km N of Murchison R. on North West Coastal Hwy, *H.Demarz 10490* (PERTH); 45 km N of Murchison R. on North West Coastal Hwy, *B.R.Maslin 3346* (BRI, G, NY, PERTH).

Notes

Similar to the widespread, commonly arborescent, arid zone species, *A. murrayana*, which has thinly coriaceous phyllodes, often pruinose branchlets, normally shorter peduncles in longer racemes, and oblique to transverse, smaller seeds: see B.R.Maslin, *Nuytsia* 10: 194 (1995), for further details.

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:



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