

WATTLE

Acacias of Australia

Acacia muelleriana Maiden & R.T.Baker



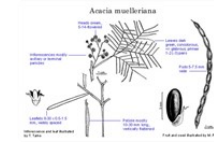
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Acacia muelleriana occurrence map.
Occurrence map generated via Atlas of Living Australia (<https://www.ala.org.au>).

Common Name

Mueller's Wattle

Family

Fabaceae

Distribution

Occurs in eastern Qld from N of Carnarvon S to the Bunya Mtns, Kingaroy and Darling Downs, as well as the western slopes of N.S.W. as far W as Dubbo E to the Goulburn R. and S to Rylstone.

Description

Bushy, many-stemmed **shrub** or **tree** 1.5–8 m high. Bark smooth, grey, reddish or yellow-brown. **Branchlets terete** except near apices, **glabrous**; ridges 0.2–0.3 mm high. Young foliage-tips dark green, **glabrous**. Leaves subcoriaceous, dark green, \pm **glabrous**; **petiole** above **pulvinus** (0.7–) 1–3 (–4) cm long, vertically flattened, deeply **sulcate**, with 1 **glabrous oblong** or spherical **gland** at or near base of lowest **pinnae**; **rachis** absent or to 2 cm long, deeply **sulcate**, with 1 **gland** at base of each pair of **pinnae**; **pinnae** 1 or 2 (rarely 3) pairs, 2–6 cm long, **glabrous**; **pinnules** 4–10 pairs, widely spaced, **cultrate to linear**, 8–30 (–37) mm long, 0.5–1.5 mm wide, slightly narrowed at base, **truncate** or broadly **rounded** at apex, with midnerve \pm central. Inflorescences rarely in racemes, mostly in **axillary** or terminal false-panicles; peduncles 1–8 mm long. Heads **globular**, 5–14-flowered, cream-coloured. Pods slightly to deeply, often irregularly, constricted between seeds, 2.5–13 cm long, 5–7.5 mm wide, subcoriaceous, dark brown or red-brown, \pm **glabrous**.

Phenology

Flowers Aug.–Jan.; fruits Nov. and Dec.

Habitat

Grows in shallow rocky soil in open woodland or scrub on sandstone, conglomerate or basalt.

Specimens

Qld: 10 miles [16.1 km] N of Bell, 5 Dec. 1968, *L.Pedley, B.Lebler & M.D.Tindale* (A, K, L, NSW, PERTH, US); 52 km N of Warrego Hwy on Auburn Rd, *A.N.Rodd 4170 & V.Hando* (CANB, K, NSW); Porter's Gap, Bunya Mtns, 31 Oct. 1960, *M.D.Tindale s.n.* (NSW). N.S.W.: Murrumbo, *R.T.Baker* (NSW256556); near Cox's Gap, *R.Coveny 2453* (CHR, K, NSW, PERTH, US).

Notes

Distinguished by its flattened petiole and 1 or 2 pairs of pinnae.

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.Reid & J.Rogers

M.D.Tindale, P.G.Kodala

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



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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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