

WATTLE

Acacias of Australia

Acacia whitei Maiden



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

Family

Fabaceae

Distribution

Occurs in north-eastern Qld in the Davies Ck region (SE of Mareeba), the Herberton–Watsonville area and Paluma Ra. (NW of Townsville).

Description

Multi-stemmed, glabrous shrub 0.5–3 m high, occasionally prostrate. Branchlets glabrous. Phyllodes variable in shape and size, narrowly elliptic, oblong-elliptic, oblong-oblongate or linear, straight to slightly curved, (3–) 5–15 (–19) cm long, 2–12 (–15) mm wide; multinerved with central one the most prominent, the nerves 2–3 (–4) per mm, ±subdistal and very rarely a few anastomosing; gland 1, minute, to 0.5 mm above pulvinus. Spikes 1–2.5 cm long at anthesis, rather densely flowered, bright sulphur yellow; peduncles 2–5 (–7) mm long. Flowers 5-merous, also occasionally 4- or 6-merous; calyx gamosepalous, sinuate or dissected for 1/3–1/2 its length; petal midrib thickened at apex. Pods linear, straight-sided or very slightly constricted between seeds, straight or slightly curved (dehiscent valves curved), flat, 4–11 cm long, (5–) 6–8 (–10) mm wide, subwoody, blackish; margins thickened, pale coloured; stipitate. Seeds longitudinal, oblong-elliptic to orbicular, 4–5.5 mm long, brown or red-brown; pleurogram with broad halo; areole closed or scarcely open, ±fawn.

Phenology

Flowers Mar.–Dec.

Habitat

Grows in open eucalypt woodland in shallow stony or rhyolitic soils, often in rugged, hilly areas.

Specimens

Qld: 8 miles [12.9 km] from Paluma towards Ewan, *C.H.Gittins 2415* (CANB, NSW); Davies Ck, Mareeba, *H.S.McKee 9332* (NSW); Atherton, May 1919, *H.W.Mocatta* (NSW).

Notes

Narrowest, linear phyllode forms resemble *A. guyeri* and sometimes *A. jacksiana*. Wide phyllode forms superficially resemble *A. hyaloneura* which is distinguished by its hyaline phyllode nerves and interrupted, longer, paler coloured spikes.

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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Department of
Biodiversity, Conservation
and Attractions
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Australian
Biological
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Study



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