

WATTLE

Acacias of Australia

Acacia sulcaticaulis Maslin & Buscumb



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

Common Name

Mt Mulgine Fluted Wattle

Family

Fabaceae

Distribution

Restricted to the Mt Mulgine area (c. 90 km E of Morawa), W.A.; locally abundant where it occurs.

Description

Multistemmed, **obconic shrub** (1–) 2–4 m high, rarely **tree** to 6 m high, stems and branches obviously longitudinally **fluted**. Bark smooth. New shoots lightly **resinous**, \pm **glabrous**. **Branchlets** clearly flattened towards extremities, obscurely ribbed, **glabrous** or **appressed-puberulous** immediately below insertion of phyllodes. Phyllodes mostly narrowly **elliptic**, **acute** and **innocuous**, mostly **straight**, (4–) 5–10 (–14) cm long, 5–10 mm wide, green, or minutely **appressed-puberulous** between nerves or **glabrous**; **longitudinal** nerves numerous, fine and close together. Inflorescences **simple**, 1–2 per **axil**; peduncles 3–7 mm long, **glabrous** to very sparsely **appressed-puberulous**, \pm **resinous**; heads **obloid**, 8–12 mm long, 6–8 mm diam., golden. Flowers 5-**merous**; sepals free to $\frac{1}{4}$ (– $\frac{1}{2}$)-united, **spathulate**. Pods \pm **straight**, **terete**, 2–3.5 cm long, 1.4–1.8 mm wide, thinly **crustaceous** to **coriaceous**, \pm **glabrous** red-brown. Seeds **longitudinal**, **oblong**, 2–2.5 mm long, mid-brown; **aril** white.

Habitat

Favours quartz substrates on steep slopes, ridges and along rock creek courses, in shrubland typically with *A. burkittii* and *Allocasuarina acutivalvis*.

Specimens

W.A.: E of Morawa [precise localities withheld for conservation reasons], *D.Coultas & K.Greenacre VM-06* (PERTH), *D.Coultas & C.Anderson 14* (PERTH), *B.R.Maslin 9124* (AD, NSW, PERTH) and *B.R.Maslin et al. BRM 9129* (PERTH).

Notes

A member of the '*A. coolgardiensis* group', most closely related to *A. latior*. Phyllodes superficially similar to the more southerly distributed *A. warramaba*, but the two are not closely related. *Acacia warramaba* differs in its non-fluted stems, \pm uncinate phyllodes, racemose inflorescences, smaller, globular heads and flat pods.

FOA Reference

Flora of Australia Project

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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