

WATTLE

Acacias of Australia

Acacia dielsii E.Pritz.



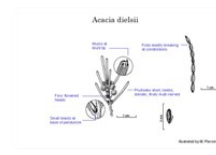
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Acacia dielsii occurrence map.
Occurrence map generated via Atlas of Living
Australia (<https://www.ala.org.au>).

Family

Fabaceae

Distribution

Occurs in a belt from the Murchison R. (E of Kalbarri) to the Newdegate area (which is c. 50 km due E of Lake Grace), W.A.

Description

Shrub 0.5–2 m high. **Branchlets terete** or weakly angled, **glabrous**, occasionally **tomentose** or **±sericeous**. Phyllodes **inclined** to **erect**, slender, **straight to curved**, **terete**, 1–3.5 cm long, (0.5–) 0.7–0.9 (–1.2) mm diam., **rounded-obtuse**, **mucronate**, **glaucous** when young, ageing pale green, **glabrous**, **striate** by 14–18 slightly raised nerves. Inflorescences **simple**, 2 per **axil**; peduncles (0–) 2–4 (–7) mm long, slender, **glabrous**; basal bracts **persistent**, **cucullate**; heads **globular**, 2.5–3.5 mm diam., loosely 8–17-flowered, golden. Flowers 5–**merous**; sepals 1/3–2/3-united, rarely free; petals 1/2–3/4-united. Pods breaking readily into 1-seeded, **fusiform** articles at the narrow constrictions between the seeds, to 3 cm long, 1.2–1.8 mm wide, thin, sparingly **appressed-puberulous**. Seeds **longitudinal**, **narrowly oblong-elliptic**, 2.5–3 mm long, slightly glossy, tan, **mottled**, **exarillate**.

Habitat

Grows in sandy, loamy and lateritic soils, in open scrub and shrubland.

Specimens

W.A.: c. 4 km W of Newdegate on road to Lake Grace, *E.M.Canning* WA/68 7407B (PERTH); Mt Madden, *J.Goodwin* 224 (PERTH); 9 km NNE of Bruce Rock on road to Merredin, *B.R.Maslin* 6473 (CANB, PERTH, Z); Murchison R., c. 15 km E of North West Coastal Hwy, *M.Whiting & J.Coxon* (PERTH00684031).

Notes

There is considerable variation in some of the characters, especially in the vestiture of the branchlets and degree of union of the perianth parts, *vide* R.S.Cowan & B.R.Maslin, *Nuytsia* 10: 250 (1995).

Acacia dielsii together with *A. nivea* and *A. obesa* constitute the 'A. dielsii group', *vide* R.S.Cowan & B.R.Maslin, *Nuytsia* 10: 249 (1995). The pods of *A. dielsii* are very distinctive and with their exarillate seeds, form the most important characters separating the species from the other members of the group.

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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Minor edits by B.R.Maslin & J.Reid

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



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