

WATTLE

Acacias of Australia

Acacia coatesii Maslin



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

Common Name

Coates' Cushion Wattle

Family

Fabaceae

Distribution

Known only from a single population S of Coolgardie, goldfields region of W.A.

Description

Low-domed, intricately branched, compact, **rigid**, generally **glabrous sub-shrub** 20–40 cm tall, forming hemispherical cushions. Branches dividing into many short, **straight, rigid, ascending to erect, spinose branchlets**. **Stipules caducous or sub-persistent**, not **pungent**. Phyllodes **patent to erect**, normally **straight, lanceolate** to narrowly **elliptic** or **oblong-elliptic**, 6–15 mm long, (1–) 1.5–3 mm wide, **pungent to sub-pungent** by slender **straight cusp** 1–2 mm long, **sub-glaucous** to dull green; prominently 1-nerved; **adaxial margin** 2-nerved below the **gland** and 1-nerved above the **gland**; **pulvinus** 0.5–1 mm long; **gland** 1–2 mm above **pulvinus**, sometimes absent. Inflorescences **simple** or **vestigial binate** racemes; peduncles 3–4 (–6) mm long, often shallowly **recurved** in fruit; basal **bract** brown, **caducous, cucullate**; heads showy, **globular**, 3–4 mm diam., 8–9-flowered, bright golden; bracteoles **spathulate**, c. 1 mm long, brown. **Calyx** absent or reduced to a single, **linear**, short, **membranous sepal**; petals 5, 1–1.2 mm long, **glabrous**, nerveless. Pods (immature) **oblong**, 10–15 mm long, 3–4 mm wide, **±straight**, flat, not constricted between seeds; margins thickened, yellow. Seeds (immature) **oblique**.

Phenology

Flowers: Sept.–Oct.

Habitat

Grows in shallow, red sandy clay on flat or gently sloping ground towards the base of a low greenstone ridge in open woodland dominated by *Eucalyptus spp.* over open shrubland.

Notes

Related to *A. intricata* which is distinguished by its sessile, thicker and normally shorter phyllodes and narrower, curved to openly once-coiled pods with longitudinal seeds.

Conservation

Acacia coatesii is listed as Priority One under Department of Parks and Wildlife Conservation Codes for Western Australian Flora.

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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