

WATTLE

Acacias of Australia

Acacia kulinensis Maslin



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

Common Name

Kulin Wattle

Family

Fabaceae

Distribution

Occurs in a very restricted area near Kulin in the south-central wheatbelt region of south-western W.A.

Description

Intricately branched, prickly **shrub** 0.5–1.5 m tall, terminal branches relatively undivided. Bark grey. **Stipules** evident below **phyllode** clusters, 2–3 mm long, slender, **rigid**, shallowly **recurved**, **pungent** but normally brittle in upper 1/2 with commonly only basal portion persisting at mature nodes. Phyllodes in often short-**nodose** fascicles of 4–10 (–12), **oblong** to **elliptic** or **obovate**, (1.5–) 2–3 mm long, 0.6–1 mm wide, **obtuse** and **innocuous**, **straight**, slightly thickened, **glabrous**; nerves not visible or **midrib** very obscure; **pulvinus** distinct, 0.3–0.5 mm long; **gland** absent. Inflorescences **simple**; peduncles 4–10 mm long, slender, **glabrous** to sparsely hairy; heads **globular**, small (c. 4 mm diam.), 17–20 flowered, bright yellow. Flowers 5-**merous**; sepals free, **linear-spathulate**. Pods **sub-moniliform**, clearly raised over seeds and shallowly constricted between them, 20–50 mm long, 3–3.5 mm wide, thinly **coriaceous**, mostly strongly **curved** (sometimes into an open circle), **curved**/twisted or **coiled** upon **dehiscence**, light brown. Seed small (2.5–3.5 mm long), very dark brown to black; **aril** partially sheathing base of seed.

Phenology

Few collected specimens show this species as flowering in Sept. and with mature pods in Dec.

Habitat

Grows in often gravelly sand or sandy loam over clay in low shrubland.

Notes

Very species on account of its spiny stipules and fasciculate phyllodes that are very small, obtuse and shortly but distinctly pulvinate. Probably related to *A. nodiflora* which has longer, linear phyllodes, longer peduncles, larger heads and narrowly oblong, wider pods with larger seeds.

Conservation

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

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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