

WATTLE

Acacias of Australia

Acacia collegialis Maslin



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

Common Name

Southern Rock Wattle

Family

Fabaceae

Distribution

Occurs from Coolgardie E to Karonie (c. 100 km E of Kalgoorlie) and S to the vicinity of Norseman, W.A.

Description

Spreading **shrub** or **tree** 2.5–6 m tall. Bark dark grey, **fibrous**, longitudinally **fissured**. Branchlet ribs sometimes overlain by resin, **glabrous** or **appressed-hairy** at extremities. Phyllodes narrowly **elliptic**, **acute** to **acuminate**, 5–8.5 cm long, 4–7 mm wide, l:w = 8–21, falcately **recurved**, wide-spreading, finely **multi-striate** with central **nerve** slightly more pronounced than others, marginal **nerve** brown to red-brown and overlain by a \pm thin to thick layer of light grey, opaque resin; **gland** basal. Inflorescences **simple** or **rudimentary** racemes to c. 1 mm long; peduncles (1–) 2–6 mm long, densely \pm **appressed puberulous** when in flower; spikes **obloid** to short-**cylindrical**, 5–9 (–12) mm long, golden. Flowers 5 **merous**; sepals \pm free. Pods **linear** to **narrowly oblong**, 4–8 cm long, 4–6 mm wide, \pm thinly **coriaceous-crustaceous**, \pm **straight-edged**, dark brown to dark red-brown (due to **dense** layer of glandular trichomes within a resin matrix), marginal **nerve** not or scarcely raised above face of **valve**. Seeds **longitudinal** in pods, mostly **obloid**, (3–) 4–6 mm long, with heart-shaped differentiated tissue at centre, **aril** creamy white.

Phenology

Flowers Apr. –Aug.; mature pods Nov.–Dec.

Habitat

Grows in shallow sandy clay-loam on rocky hills, commonly in Open Tall Shrubland or Open Low Woodland comprising scattered eucalypts, e.g. *Eucalyptus griffithsii*, *E. longicornis*.

Notes

A variant from Banded Ironstone Formation ranges about 150–200 km NE of Coolgardie probably belongs to this species, see B.R.Maslin, *Nuytsia* 24: 151 (2014) for discussion.

Related to *A. quadrimarginea* which has wider, \pm woody pods with an obvious perpendicular marginal flange, larger seeds, commonly longer spikes and phyllodes that are often longer with a higher l: w ratio and which lack opaque resin on top of the marginal nerve.

FOA Reference

Data derived from *Flora of Australia* Volumes 11A (2001), 11B (2001) and 12 (1998), products of ABRS, ©Commonwealth of Australia

Author

B.R. Maslin and minor edits by P.G. Kodela

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>
Copyright 2018. All rights reserved.