

WATTLE

Acacias of Australia

Acacia carens Maslin



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

Family

Fabaceae

Distribution

Occurs in a restricted area between Jurien (c. 200 km NW of Perth) and Eneabba (c. 60 km NE of Jurien), south-western W.A.

Description

Open broom-like shrub to 0.6 m high. Branches **terete**, **striate**, green except for the prominent yellow ribs, mostly **glabrous**. Stipules narrowly **triangular** to **narrowly oblong**, 1.5–3 mm long. Phyllodes few and **distant**, **continuous** with branches, **rudimentary** and commonly comprising minute stipule-like appendages 0.5–1 mm long, sometimes expanded to subterete to **compressed mucronate** phyllodes 1–2 mm long. Inflorescences **simple**, mostly 1 per **axil**; peduncles 2–5 mm long, **± appressed tomentose-pubescent**; heads **globular**, 8 mm diam., subdensely 13–14-flowered; bracteoles **tomentose**; buds **obovate-apiculate**. Flowers mostly 5-merous; sepals free to c. 1/4-united, **oblong**, with **tomentose** margins; petals **flabellate-striate**. Pods **linear**, **curved**, to 10 cm long, c. 4 mm wide, **acuminate**, **crustaceous** to subwoody, **± quadrangular** by prominent flat or shallowly **convex** margins 2 mm wide, **glabrous** or **appressed-puberulous**. Seeds (slightly immature) **longitudinal**, **oblong**, 5 mm long; **aril** terminal, conical.

Habitat

Grows in lateritic gravel or sandy gravel in low heath.

Specimens

W.A.: [Cockleshell Gully area], *C. Chapman s.n.*, 23 Oct. 1977 (MEL, PERTH); 1 km ENE of Mt Peron, NE of Jurien, *E.A. Griffin 2437* (PERTH); Gairdner Ra., NW of Mt Peron, *B.R. Maslin 6573* (PERTH).

Notes

Resembling short peduncle forms of *A. cummingiana* which are readily distinguished by their 4-merous flowers. Formerly confused with *A. volubilis*, a possibly extinct species distinguished by its tortuous branchlets, recurved, subspinose stipules c. 0.5 mm long, better developed and normally longer phyllodes and calyx dissected to c. 1/2 its length.

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

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



URL: <https://keys.lucidcentral.org/keys/v3/wattle>
Copyright 2018. All rights reserved.