

WATTLE

Acacias of Australia

Acacia quadrisulcata F.Muell.



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
See illustration.



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
See illustration.



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

Family

Fabaceae

Distribution

Occurs in Kalbarri Natl Park and N to Meadow Stn, c. 120 km N of the Murchison R. and North West Coastal Hwy crossing, south-western W.A.

Description

Spreading much-branched **shrub** 0.4–1 m high. **Branchlets** with minute, **straight** or antrorsely **curved** hairs, **glabrescent**. **Stipules** **scarious**, **triangular**, c. 1 mm long. **Phyllodes** \pm **patent**, **quadrangular** in section, 7–20 mm long, c. 1 mm wide, **pungent**, **rigid**, green, **glabrous** or subglabrous, 4-nerved, **sulcate** between the nerves; **pulvinus** dilated at base. **Inflorescences** **simple**, mostly 1 per **axil**; peduncles 5–12 mm long, **glabrous**; heads **globular**, 15–20-flowered, ?light golden (filaments orange-brown when dry). **Flowers** 5-**merous**; sepals free; petals 1-nerved, sparingly and obscurely **penninerved**. **Pods** **linear**, subterete, to 5 cm long, 4–6 mm wide, \pm **woody**, **glabrous**; margins broad, yellow. **Seeds** **longitudinal**, **ovate to oblong**, c. 3 mm long, **turgid**, **mottled**; **aril oblique**.

Habitat

Grows in deep sand, sometimes over limestone, in heath or shrubland.

Specimens

W.A.: Kalbarri Natl Park, c. 1 km SE of Junga Dam, *S.D.Hopper 1296* (PERTH); c. 45 km S of Overlander Roadhouse, North West Coastal Hwy, *B.R.Maslin 3151* (BM, PERTH).

Notes

Readily distinguished from the quadrangular phyllode variant of *A. auronitens* which has usually densely pubescent to hirsute branchlets, 2–4 mm long and frequently spinose stipules, and ascending to erect phyllodes. May superficially resemble *A. sphacelata* subsp. *sphacelata* and *A. tetragonophylla*, but distinguished by 4-nerved phyllodes and \pm woody pods with broad margins. Also similar to *A. cavealis*.

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

Minor edits by J.Rogers

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



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