

# WATTLE

## Acacias of Australia

### *Acacia conjunctifolia* F.Muell.



Source: WorldWideWattle ver. 2.  
Published at: [www.worldwidewattle.com](http://www.worldwidewattle.com)  
Kym Brennan



Source: WorldWideWattle ver. 2.  
Published at: [www.worldwidewattle.com](http://www.worldwidewattle.com)  
Kym Brennan



Source: WorldWideWattle ver. 2.  
Published at: [www.worldwidewattle.com](http://www.worldwidewattle.com)  
Kym Brennan



Source: WorldWideWattle ver. 2.  
Published at: [www.worldwidewattle.com](http://www.worldwidewattle.com)  
See illustration.



Source: WorldWideWattle ver. 2.  
Published at: [www.worldwidewattle.com](http://www.worldwidewattle.com)  
See illustration.



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

### Family

Fabaceae

### Distribution

Occurs in tropical Australia, in the Victoria R. area and the Gulf of Carpentaria region, N.T., and in extreme north-western Queensland; provisionally also in the NW Kimberley region of W.A..

### Description

Shrub to 2 m high, **glabrous**, **resinous**. **Branchlets** angular to almost flattened towards apices, brown to dark brown; ridges prominent, resin-crenulated. Phyllodes single or in clusters of 2–4, **linear** to narrowly **elliptic** or narrowly **oblongeolate**, flat, **puncticulate**, **straight** to slightly **curved**, 1.2–2.2 cm long, 1–2 (–3) mm wide, with inconspicuous margins; midnerve prominent with 1 or 2 inconspicuous **longitudinal** nerves often not reaching apex; glands 0–3, marginal. Spikes 0.7–3 cm long, pale yellow. Flowers 5-**merous**; sepals  $\pm$ free, 0.3–0.6 mm long, **glabrous**; **corolla** 0.8–1.5 mm long, dissected to 1/3–1/2, **glabrous**; **ovary** slightly **scurfy**. Pods **erect**,  $\pm$ **linear**, broadest above middle and tapered towards base,  $\pm$ **straight-sided**, **straight** to slightly **curved**, flat, 3–7 cm long, 3.5–7 mm wide, thick, obliquely–longitudinally **striate**, opening elastically from apex; margins thickened, often narrowly winged. Seeds **oblique**, **oblong-** or **narrowly oblong-elliptic**, 3–6 mm long, dark brown; **areole oblong-elliptic**, open, with a pale halo around **pleurogram**; **funicle-aril** narrowly conical.

### Phenology

Flowers May–Sept.

### Habitat

Grows in stony, sandy soils often on laterite or quartzite, in mixed eucalypt woodland or scrubby open forest.

### Specimens

W.A.: N side of Wren Gorge, 4.7 km NE of Calder River crossing track to Walcott Inlet, *R.L. & M.D. Barrett* RLB 4002 (PERTH). N.T.: 50 miles [80 km] SW [of] Willeroo HS, 9 May 1960, *G.Chippendale* (DNA, NSW, PERTH); 47.2 km W of Top Springs turnoff, on Victoria Hwy, *M.D.Tindale 10113*, *P.Munns & R.Turvey* (BRI, DNA, K, MEL, NSW, PERTH). Qld: 16 km W [of] Westmoreland HS, *J.R.Maconochie 2037* (BRI, CANB, DNA, NSW, PERTH); 9 miles [14.4 km] W of Westmoreland Str, *R.A.Perry 1341* (BRI, CANB, MEL, NSW, PERTH).

### Notes

The clustered arrangement of the phyllodes is unusual in sect. Juliflorae. Related to *A. phacelia* and probably *A. amentifera*. The W.A. (flowering and sterile) material provisionally referred to *A. conjunctifolia* differs from specimens elsewhere in having sometimes slightly larger phyllodes (15–30 x 3–5 mm) which may possess a less pronounced mid-nerve. Further study is needed to check the status of these plants because they may possibly represent a hybrid between *A. phacelia* and *A. tenuispica*; see B.R.Maslin, M.D.Barrett & R.L.Barrett, *Nuytsia* 23: 561–562 (2013), for further notes.

### FOA Reference

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

### Author

Dr M.D.Tindale and Dr P.G.Kodala with the assistance of M.Bedward, S.J.Davies, C.Herscovitch, D.A.Keith and/or D.A.Morrison

Minor edits by B.R.Maslin & J.Rogers

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.