

# WATTLE

## Acacias of Australia

### *Acacia shirleyi* Maiden



Source: Australian Plant Image Index (a.22623).  
ANBG © M. Fagg, 2004



Source: Australian Plant Image Index (dig.23130).  
ANBG © M. Fagg, 2012



Source: Australian Plant Image Index (dig.25942).  
ANBG © M. Fagg, 2012



Source: Australian Plant Image Index (a.31317).  
ANBG © M. Fagg, 1993



Source: Australian Plant Image Index (dig.25901).  
ANBG © M. Fagg, 2012



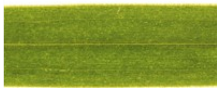
Source: Australian Plant Image Index (dig.25902).  
ANBG © M. Fagg, 2012



Source: Australian Plant Image Index (dig.25903).  
ANBG © M. Fagg, 2012



Source: Australian Plant Image Index (dig.25904).  
ANBG © M. Fagg, 2012



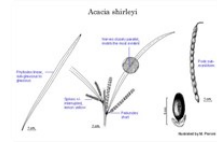
Source: WorldWideWattle ver. 2.  
Published at: [www.worldwidewattle.com](http://www.worldwidewattle.com)  
Kym Brennan



Source: WorldWideWattle ver. 2.  
Published at: [www.worldwidewattle.com](http://www.worldwidewattle.com)  
B.R. Maslin



Source: WorldWideWattle ver. 2.  
Published at: [www.worldwidewattle.com](http://www.worldwidewattle.com)  
B.R. Maslin



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.



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



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

### Common Name

Lancewood

### Family

Fabaceae

### Distribution

Common in semi-arid and temperate areas of inland north-eastern Australia from N of Toowoomba, Qld, to Victoria R., N.T.

### Description

Tree to 15 m high, single-stemmed, umbrella-shaped, sometimes a shrub. Bark almost stringy, dark grey to black. Branchlets angular, light brown or yellowish brown, sometimes pruinose, glabrous, resinous or mealy. Phyllodes linear to narrowly elliptic, ±straight or recurved, flat, (8–) 10–19 (–22) cm long, 2–9 (–11) mm wide, coriaceous, slightly pruinose or sometimes partly brownish tinged, glabrous, with subprominent midnerve; minor nerves (8–) 10–14 per mm, inconspicuous, parallel, not anastomosing; gland 1, rudimentary, basal. Spikes 1.5–5 (–6) cm long, ±interrupted, lemon-yellow. Flowers 5-merous; calyx 0.5–0.8 mm long, dissected to 1/5–1/4, densely hirsute; corolla 1.5–1.9 mm long, dissected to 1/2, glabrous; ovary densely pubescent. Pods linear, constricted between and raised over seeds, straight to shallowly curved, 6–12 cm long, 3.5–6 mm wide, crustaceous and rather brittle, longitudinally wrinkled, glabrous. Seeds longitudinal, broadly elliptic, 4–5.5 mm long, black; pleurogram without halo; areole open.

### Phenology

Flowers mostly early Mar.–late May in N.T., late Apr.–mid-July in Qld.

### Habitat

Grows often in dense stands, also in closed forests, low open forests or mixed savannah woodlands, in shallow gravelly or skeletal sandy soils on sandstone or laterite.

### Specimens

N.T.: 5 miles [8 km] E No. 11 bore, Murranyi S.R., 17 July 1956, G.Chippendale (DNA, NSW); 2 miles [3.2 km] N [of] Newcastle Waters Ck, Stuart Hwy, J.R.Maconochie 969 (DNA, NSW); 4.5 km S of King R. Crossing, Stuart Hwy, M.D.Tindale 6067 & C.Dunlop (NSW, UNSW). Qld: 21.4 km from Torrens Ck to Pentland, N.Hall H83/46

(NSW); W scarp of Cory road, c. 45 miles [72 km] SW of Winton, *I.V.Newman 497* (BRI, K, NSW).

### Notes

The more southerly distributed W.A. endemic, *A. distans*, is probably related to *A. shirleyi*. Although *Acacia catenulata* was included in the *A. aneura* (Mulga) complex by L.Pedley, *Trop. Grasslands* 7: 4 (1973) it is probably more closely related to *A. shirleyi*.

Known to hybridise with *Acacia rhodoxylon* in Queensland. Details of ecology, utilisation etc. are given in J.W.Turnbull (ed.), *Multipurpose Austral. Trees & Shrubs* 194 (1986).

### FOA Reference

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

### Author

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

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

---

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.