

# WATTLE

## *Acacias of Australia*

### *Acacia donaldsonii* R.S.Cowan & Maslin



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



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See illustration.



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

### Common Name

Binneringie Wattle

### Family

Fabaceae

### Distribution

Scattered, occurring on Narndee, Windimurra and Weebo Stns, from Lake Yindarlgooda S to Norseman and also near Carlisle Lakes, southern W.A.

### Description

Shrub or ± gnarled tree, to 3 (–5) m high. Branchlets terete, densely puberulous, resinous, scarred by raised stem-projections where phyllodes have fallen. Phyllodes ascending to erect, straight to shallowly incurved, terete, 6–14.5 cm long, 1.5–2.5 mm diam., abruptly subulate-pungent, rigid, sparingly appressed-puberulous, glabrescent, with 4–8 distant rather obscure main nerves; glands 2, minute. Inflorescences simple, 2 or more per axil; peduncles 5–15 mm long, appressed-puberulous; heads globular, 4–5 mm diam., 30–56-flowered, golden; bracteoles spatulate. Flowers 5-merous; sepals 2/3–3/4-united. Pods moniliform to linear, curved, twisted after dehiscence, to 14 cm long, 6–10 mm wide, coriaceous, glabrous. Seeds longitudinal, elliptic to oblong-elliptic, 6.5–9 mm long, dull, brown; aril clavate to subhemispheric.

### Habitat

Grows on sandy soil and small dunes close to salt lakes in low open shrubland with *Atriplex* spp. and *Maireana* spp., and on limestone and loamy clay.

### Specimens

W.A.: NE end of Lake Cowan near Binneringie HS, *M.Donaldson* K50 (D) (AD, NSW, PERTH) and K50 (E) (MEL, PERTH); c. 8 km SW of Lake Ell, 31 July 1966, *J.Lowry* (PERTH).

### Notes

Very similar to, and easily confused with, *A. gilesiana* which has glabrous branchlets and peduncles, well-developed racemes, innocuous to coarsely pungent, bluntish phyllodes, peltate bracteoles and non-arillate seeds. May superficially resemble *A. kalgoortiensis* (which has smaller phyllodes with stomata evident between the more numerous and more obvious nerves) or *A. masliniana* (which has more slender, finely multistriate phyllodes, shorter peduncles and quite different pods).

### FOA Reference

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

### Author

R.S.Cowan

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>  
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