

# WATTLE

## *Acacias of Australia*

### *Acacia costata* Benth.



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



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See illustration.



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See illustration.



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

### Family

Fabaceae

### Distribution

Occurs in an area between Walebing, Calingiri and Cataby, with an early collection from near Perth, south-western W.A.

### Description

Spreading shrub normally 0.2–0.5 m high. Branchlets ribbed, tomentulose to woolly, glabrescent. Stipules setaceous, 1.5–3 mm long. Phyllodes subsessile, ±patent, inequilateral, narrowly lanceolate, straight or shallowly recurved, 6–15 mm long, 1.5–2.5 mm wide, acuminate, pungent, rigid, green, often sparsely tomentulose on nerves, 5-nerved, with the 2-nerved adaxial margin convex, thick and nerve-like; midrib prominent and near the non-thickened abaxial margin. Inflorescences simple, 1 per axil; peduncles 5–12 mm long, sparsely to densely appressed-puberulous; heads globular, rather loosely 13–19-flowered, golden; bracteoles dark brown, tomentulose; buds large. Flowers 5-merous; sepals united at base, dark brown, tomentulose; petals striate, glabrous. Pods curved, terete, to 5 cm long, 4–4.5 mm diam., dark reddish brown, obscurely striate, minutely appressed-puberulous. Seeds longitudinal, c. 5 mm long; aril terminal, conical.

### Habitat

Grows in sand or laterite, commonly in low heath.

### Specimens

W.A.: 10 km S of Calingiri, *P.Hussey 15* (PERTH); 28 km W of Mogumber on Mogumber West Rd to Brand Hwy, *B.R.Maslin 5480* (CANB, PERTH); sand near Perth, *A.Oldfield s.n.* (K).

### Notes

Most closely related to *A. barbinervis*. Resembling *A. rigida* in phyllodes and pods.

The Drummond specimens with flowers resembling *A. divergens* which are noted by G.Bentham, *Fl. Austral.* 2: 327 (1864), under *A. costata*, are *A. acutata*.

### FOA Reference

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

### Author

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



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