

# WATTLE

## Acacias of Australia

### *Acacia monticola* J.M.Black



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)  
J. & M. Simmons



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)  
B.R. Maslin



Source: Australian Plant Image Index (a.31201).  
ANBG © M. Fagg, 1999



Source: Australian Plant Image Index (a.31202).  
ANBG © M. Fagg, 1999



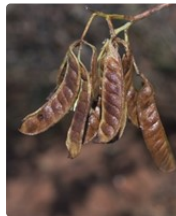
Source: Australian Plant Image Index (a.31203).  
ANBG © M. Fagg, 1999



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)  
J. 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)  
B.R. Maslin



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



Source: Australian Plant Image Index (a.31200).  
ANBG © M. Fagg, 1999



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

### Common Name

Curley-bark Wattle, Red Wattle, Hill Turpentine

### Family

Fabaceae

### Distribution

Widespread in northern and north-western Australia, extending from the Pilbara and Kimberley regions of W.A. eastwards through N.T. (between 14°S and 24°S) to central western Qld.

### Description

Resinous, normally obconic and multi-stemmed shrub or tree 2–5 (–8) m high, rarely prostrate. Bark 'Minni Ritchi', dark brownish red aging grey. Branchlets invested with minute, straight, white, patent, fine hairs which are often not apparent to the unaided eye. New shoots bright green and viscid-resinous. Phyllodes elliptic to obovate, slightly asymmetric, (10–) 12–32 (–50) mm long, 5–15 (–20) mm wide, apex rounded-obtuse and mucronulate or rarely acute, green but often white (due to dry resin) over the nerves, indumentum as on branchlets; with 3–5 longitudinal nerves; minor nerves anastomosing to form a fine, open reticulum; gland to 3 mm above pulvinus. Inflorescences simple, heads globular to obovoid, spicate to 2.2 cm long, light golden. Flowers 5-merous; calyx 0.6–1.4 mm long, dissected 1/4–1/2 its length; corolla striate, glabrous. Pods narrowly oblong, slightly indented, flat except raised over seeds, 1.8–10 cm long, (7–) 10–15 mm wide, coriaceous, brown, transversely reticulate, indumentum as on branchlets, viscid (especially when young) with the resin sweetly aromatic; margins thickened and yellow. Seeds transverse or

slightly *oblique*, broadly *oblong* to *oblong-elliptic*, 4–6.2 mm long, dark brown; *areole* small, closed, surrounding by a broad pale halo.

### Phenology

Flowers Apr.–Aug.

### Habitat

Grows mainly on ironstone or sandstone/quartzite in stony skeletal soils, often on rocky ridges or steep slopes, in red sand or sandy loam, in eucalypt woodland, open *Acacia* shrubland or spinifex communities.

### Specimens

W.A.: 18 miles [28.8 km] E of Margaret River Stn, Kimberleys, *M.Lazarides* 6325 (CANB, NSW); Ganthaume [Gantheaume] Pt area, Broome, *P.G.Wilson 882 & R.Rowe* (BRI, CANB, NSW, PERTH). N.T.: False Mt Russell, *J.R.Maconochie* 917 (DNA, NSW). Qld: Lake Moondarra, Mount Isa, *R.G.Coveny* 478 (NSW); New Highland Plains HS, *N.M.Henry* 219 (DNA, NSW).

### Notes

It is one of the transitional species between the *Plurinerves* and *Juliflorae*. It has a 'Minni Ritchi' bark as in *A. chisholmii*, *A. lysiphloia* and *A. trachycarpa* with which it hybridises. Examples of *A. monticola* × *A. chisholmii* hybrids: Mount Isa, Qld, *C.H.Gittins* 748 (NSW); L. Moondarra, Qld, *R.G.Coveny* 476 (NSW). Example of *A. monticola* × *A. lysiphloia* hybrid: 3.2 km N of Powell Ck, N.T., *J.R.Maconochie* 1738 (DNA, NSW). For *A. monticola* × *A. trachycarpa* hybrids see *A. monticola* × *A. trachycarpa*. *Acacia monticola* also hybridizes with the non 'Minni Ritchi' species *A. tumida* in W.A. (see *A. monticola* × *A. tumida* var. *pilbarensis* and *A. tumida* var. *tumida*) and with *A. phlebocarpa* in the Burke District, Qld (e.g. *R.Booth* 5543 & *D.T.Kelman*, BRI).

On Dampier Peninsula N of Broome, W.A., wind-pruned plants in coastal areas are sometimes prostrate but further inland they attain arborescent stature 6–8 m tall; the latter have acute, longer than normal phyllodes (25–50 mm). *Acacia monticola* has a striate corolla which is uncommon.

*Acacia monticola* is relatively fast-growing; it generally reproduces from seed, does not coppice but has the capacity to resprout advantageously after mild fires. Details of its ecology, utilisation, etc. are given in J.W.Turnbull (ed.), *Multipurpose Austral. Trees & Shrubs* 168 (1986).

### 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.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.