

# WATTLE

## *Acacias of Australia*

### *Acacia abbatiana* Pedley



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



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

### Family

Fabaceae

### Distribution

The species is confined to Mt Abbot, Qld.

### Description

Shrubs to c. 4 m tall; bark lamellated (described by collector as 'fibrous'). Branchlets glabrous, pale brown but often with a grey-white overlay of dead epidermal cells. Phyllodes linear, (7-) 9.5–15 cm long, 1.5–2 mm wide, straight to shallowly incurved, glabrous, with numerous parallel non-anastomosing longitudinal nerves, the central nerve slightly more pronounced than the rest. Inflorescences 2- or 3-headed rudimentary racemes 1–2 mm long; peduncles 1–2 mm long, resinous, glabrous or subglabrous; spikes short-cylindrical, 8–9 mm long and c. 5 mm wide at anthesis (when dry). Flowers 5-merous; calyx gamosepalous, cupular, membranous, invested with rather dense arachnoid hairs; petals 1.3–1.5 mm long. Pods to 35 mm long, 2–2.5 mm wide, shallowly curved, pale brown, marginal nerves thick. Seeds longitudinal 2.4–3.2 mm long, 1.3–1.4 mm wide; funicle thickened into a small aril capping the seed.

### Habitat

Grows in heathland on rather steep slopes on skeletal soils derived from granite.

### Specimens

Qld: Mt Abbot, 20°06'S 147°46'E, alt. 800 m, Oct. 1992, A.R.Bean 5196 (BRI).

### Notes

*Acacia abbatiana* is closely related to *A. granitica*, and was recorded as such by A.R.Bean, *Proc. Roy. Soc. Queensland* 104: 43–66 (1994). The more widespread and southerly distributed *A. granitica* is most readily distinguished from *A. abbatiana* by its non-lamellated bark, commonly wider phyllodes (at least in Qld), narrower and often shorter spikes which are not inserted on short racemes, smaller flowers, calyx with rather dense arachnoid hairs and shorter pods with smaller seeds.

### FOA Reference

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

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



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Department of  
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URL: <https://keys.lucidcentral.org/keys/v3/wattle>  
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