

WATTLE

Acacias of Australia

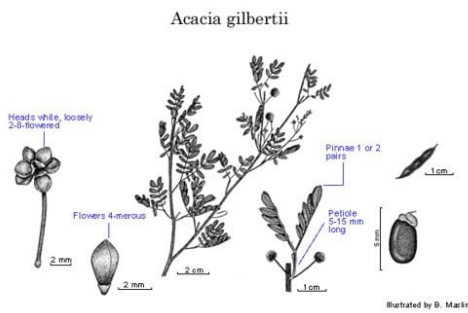
Acacia gilbertii Meisn.



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See illustration.



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

Family

Fabaceae

Distribution

Sporadic from York S to Augusta and Denmark, south-western W.A.

Description

Glabrous shrub to c. 1 m high. Pinnae 1 or 2 pairs, 1.5-4 cm long; **petiole** 5-15 mm long, with **rib** on upper surface vertically flattened and dilated near the **gland**; **rachis** 5-10 mm long; pinnules 3-7 pairs, **narrowly oblong** to narrowly **elliptic** or **oblongate**, 8-20 mm long, 3-5 mm wide, light green, reddish on new growth; **gland** obliquely terminating on **rib** on **petiole** at base of **pinnae**, **sessile**, prominent, and sometimes also on **pinna**-rachae at base of lowermost pair of pinnules. Inflorescences **simple**, 1 or 2 per **axil**, sometimes falsely **racemose** due to **phyllode** reduction; peduncles 10-15 mm long; heads **globular**, loosely 2-8-flowered, white. Flowers 4-merous; sepals united into a \pm **truncate calyx**, 1/5-1/4 length of petals; **ovary stipitate**. Pods often twisted, 1-3 cm long, 4-6 mm wide. Seeds **longitudinal**, **oblong** to **elliptic**, 3.5-4 mm long.

Habitat

Grows in loam and sand usually over laterite, in Jarrah (*Eucalyptus marginata*) forest and eucalypt woodland.

Specimens

W.A.: Denmark, *C.A.Gardner 407* (PERTH); Dryandra State Forest, *G.J.Keighery 6692* (PERTH); near Karridale on Bussell Hwy, *B.R.Maslin 476* (AD, MEL, NSW, PERTH).

Notes

Not closely related to other members of sect. *Pulchellae*. The diagnostic flower characters suggest close affinities to *A. myrtifolia* and its allies in sect. *Phyllodineae*, *fide* P.Guinet *et al.*, *Bot. J. Linn. Soc.* 80: 53-68 (1980).

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 J.Reid

B.R.Maslin

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



Australian Government
Department of the Environment and Energy



**Department of
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Western Australian Herbarium



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