

WATTLE

Acacias of Australia

Acacia pentadenia subsp. *syntoma* J.E.Reid, Ward.-Johnson & Maslin



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

Common Name

False Karri Wattle

Family

Fabaceae

Distribution

Restricted to the north, east and north-east of Walpole in south-west W.A. in mostly Jarrah-Marri (*Eucalyptus marginata*-*Corymbia calophylla*) open forest and woodland.

Description

Shrub 0.5-1.5 m high. **Pinnae** 2-3 pairs; **rachis** 7-30 mm long; pinnules flat or shallowly concave, with margins and apex often slightly **recurved**, 1-2.5 (-4) mm long; **gland** at **rachis** base 0-6 mm below each pair of **pinnae**, absent from **petiole**. Inflorescences 1-2-headed racemes, 1-4 heads per **axil**; **raceme axes** 0.5-1.5 mm long; peduncles 3-7 (-8) mm long; heads pale or bright yellow.

Phenology

Flowers Aug.-Oct.; flowering commences 1-2 months earlier than in subsp. *pentadenia*.

Habitat

It grows on sandy/gravelly pale-coloured or yellow duplex soils on low rises, hills and ridges with granitic or sedimentary substrates.

Specimens

W.A.: Granite Peaks camp site, off Mitchell Rd, *T.D.Macfarlane & A.R.Annels ARA 4465* (PERTH); 3.6 km W of Nicol Rd/Thomson Rd intersection, 40 m N of Nicol Rd, *C.McChesney & C.Day W 16.1* (PERTH); 3.7 km N of corner of Break Rd and Normalup Rd, along Normalup Rd, *G.Wardell-Johnson 16/08* (PERTH).

Notes

This subspecies was referred to by B.R.Maslin, *Fl. Australia* 11B: 402 (2001) as a variant of *A. pentadenia* having a stunted growth form and smaller than normal pinnules with reflexed tips.

Differs most obviously from subsp. *pentadenia* by its generally fewer pinnae, shorter leaflets, shorter peduncles and fewer heads per leaf axil. Although no single morphological attribute distinguishes subsp. *syntoma* from subsp. *pentadenia*, a combination of these vegetative and floral characters normally enable the two taxa to be reliably separated, see J.E.Reid et al., *Nuytsia* 19: 251 (2009) for discussion.

FOA Reference

Flora of Australia Project

Author

Revised by B.R.Maslin & J.Reid

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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