

# WATTLE

## *Acacias of Australia*

### *Acacia binata* Maslin



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B.R. Maslin



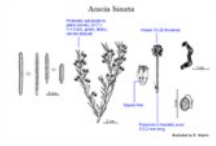
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Acacia binata occurrence map.  
Occurrence map generated via Atlas of Living  
Australia (<https://www.ala.org.au>).

### Family

Fabaceae

### Distribution

Occurs from near Ongerup E to Mt Beaumont (c. 90 km NE of Esperance), south-western W.A. A variant from the Lake King–Frank Hann Natl Park area is discussed below.

### Description

**Glabrous shrub** commonly 0.3–0.8 m high, **dense** and **rounded** when young, becoming open and **obconic** with age. Phyllodes subterete (i.e. slightly **depressed**) to planoconvex, often flattish when dry, usually 8–17 mm long, 1–1.5 mm wide, **obtuse**, **fleshy**, drying longitudinally **sulcate**, usually green, obscurely 3-nerved. Inflorescences 2-headed racemes; **raceme axes** 0.5–2 mm long; peduncles (4–) 6–15 mm long, sometimes **recurved** in fruit; basal **bract ovate**, c. 0.5 mm long; heads **globular** to slightly **obloid**, 3.5–5 mm diam., usually 10–20-flowered, golden. Flowers 5-merous; sepals free. Pods usually **curved** to openly and commonly irregularly 11/2-coiled, **undulate**, to 3.5 cm long, 3–3.5 (–4) mm wide, firmly **chartaceous** to thinly **crustaceous**, ±black. Seeds **longitudinal** to slightly **oblique**, **oblong-elliptic** to **ovate**, 2.5–3 mm long, usually grey to grey-brown; **aril** ±2/3 length of seed.

### Habitat

Grows in loam and clay in open scrub, tall shrubland and tall open shrubland.

### Specimens

W.A.: Floater Rd, c. 8 km N of Ravensthorpe township, *B.R.Maslin* 4770 (AD, MEL, MO, PERTH); c. 1 km due NW of Mt Ney, *B.R.Maslin* 5818 (PERTH); 5 km E of Ravensthorpe, *P.G.Wilson* 5532 (AD, BRI, K, MEL, PERTH).

### Notes

A variant from the Lake King–Frank Hann Natl Park area probably deserves infraspecific recognition (e.g. 32 km E of Lake King, *R.Hnatiuk* 760791, PERTH). It differs most obviously in having 6–8-flowered heads, ±oblong rather than linear-spathulate sepals 0.2–0.4 mm long (1/4–1/6 or less the length of petals) rather than 0.5–0.8 mm (±1/2 petal length), pods to 1.5 cm long, ±straight, mid-brown and lightly pruinose when young and black seeds. The phyllodes are 7–12 mm long and judging from dried specimens are sometimes glaucous and branchlet extremities lightly pruinose.

Closely allied to *A. diaphyllodinea* and *A. crassuloides* which have raceme axes which are very short or absent altogether, a much longer, cucullate or rostriform basal peduncular bract and obliquely arranged, differently coloured seeds. Narrow phyllode forms of *A. leptospermoides* subsp. *leptospermoides*, which appear similar, have connate stipules, simple inflorescences and narrower, non-black pods. (For description and references concerning diaphyllodes, see discussion under *A. diaphyllodinea* ). Sometimes sympatric with and superficially resembling *A. ophiolithica*.

### 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.Rogers

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



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and Attractions  
Western Australian Herbarium



Australian  
Biological  
Resources  
Study



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