

# WATTLE

## *Acacias of Australia*

### *Acacia kochii* W.Fitzg. ex A.J.Ewart & Jean White



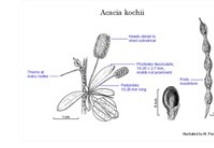
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See illustration.



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

### Family

Fabaceae

### Distribution

Known only from the Mt Singleton–Mt Gibson–Wanarra area between Wubin and Paynes Find in south-western W.A.

### Description

Spreading intricate **shrub**, usually 0.5–2 m high. Branches **glabrous** to subglabrous, with 1 or 2 **patent** thorns 0.5–2 cm long at many nodes. Phyllodes **fasciculate** at mature nodes, asymmetrically **narrowly oblong-elliptic** to **narrowly oblong-oblongeolate**, often  $\pm$ lunate, 1–2 cm long, 2–7 mm wide, **obtuse** and often **mucronulate**, thin, **glabrous** to subglabrous; **midrib** not prominent; **lateral nerves**  $\pm$ **impressed**, sublongitudinal and **anastomosing**. Inflorescences **simple**, 1–3 per **fascicle**; peduncles 1–2 cm long, **glabrous** or **strigulose**; heads **obloid** to shortly **cylindrical**, 7–15 mm long, 5–6 mm diam., golden. Flowers 5-**merous**; sepals united. Pods **moniliform** to **sub-moniliform**, to 9 cm long, (4–) 5–7 mm wide, **coriaceous**, longitudinally nerved, slightly **pruinose**, **glabrous**. Seeds **longitudinal**, **elliptic**, with subtruncate base, 5–6 mm long, dull, black; **aril**  $\pm$ conical.

### Habitat

Grows in rocky clay loam.

### Specimens

W.A.: Mt Singleton, *C.A.Gardner 12048* (CANB, MEL, NSW, PERTH); Wanarra, Aug. 1960, *C.A.Gardner s.n.* (PERTH); c. 10 km S of Mt Gibson HS, *A.A.Mitchell 1162* (PERTH); 28 km SSE of Warriedar HS, *P.G.Wilson 8612* (PERTH, Z).

### Notes

Related to *A. dilloniorum*. Formerly confused with *A. imitans*, which is readily distinguished by its smaller, non-fasciculate phyllodes, much shorter peduncles, often shorter spikes and tightly coiled pods enclosing shorter seeds with a subterminal aril. Also superficially similar to *A. erinacea* which is partially sympatric but has globular flower-heads and short, straight, flat, narrowly to broadly oblong pods.

The protologue of *A. kochii* W.Fitzg. gives the plant height as 10–15 feet which is considerably taller than recorded on any specimen. Fitzgerald's isotype at Herb. PERTH does not record plant height.

### 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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