

WATTLE

Acacias of Australia

Acacia pulchella var. *glaberrima* Meisn.



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
See illustration.



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
See illustration.



Acacia pulchella var. glaberrima occurrence map.

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

Family

Fabaceae

Distribution

Occurs from near Jurien S to near Augusta and Ravensthorpe, and in the Port Gregory–Northampton district (c. 250 km N of Jurien), W.A.; naturalised and weedy in Deep Creek Conservation Park, S.A.

Description

Branchlets normally finely ribbed, commonly lightly **pruinose**, **glabrous**, sometimes hairy. **Axillary** spines 1 or 2 per **node**. Leaves variable; **petiole** > 0.5 mm long; **pinnae** 1–15 mm long; pinnules 3–11 pairs, **obovate** to **oblanceolate** or **narrowly oblong**, 1–6 mm long, **glaucous** to subglaucous, sometimes pale green (especially on new growth and when in fruit). Peduncles 7–15 (–20) mm long, **glabrous**; bracteoles **ovate**. Pods 4–5 (–7) mm wide.

Habitat

Grows mainly in sandy and lateritic soils in woodland, scrub and heath, and in loamy clay near swamps.

Specimens

W.A.: Swan R., *J.Drummond* 2: 156 (?BM, CGE, E, G-DC, K, LD, NSW, OXF, P, W); 4.8 km E of Donnybrook towards Collie, *B.R.Maslin* 612 (MEL, NSW, PERTH: hairy branchlet variant) and 613 (MEL, NSW, PERTH); c. 32 km W of Ravensthorpe, *S.Paust* 706 (PERTH: small leaf variant); Rosa Brook, *R.D.Royce* 4623 (PERTH: variant with slender peduncles and spines); 23 km from Port Gregory along Yerina Springs road, 15 Aug. 1985, *N.Sammy* (PERTH).

Notes

Variant 4 has pinnae 1–2 mm long; pinnules obovate or oblong-obovate, 1–3 mm long. Occurs at Wannamal and Wongan Hills S to near Williams to Ravensthorpe. Resembling *A. amputata* in being especially spinose and in having particularly small leaves.

Four variants with some morphological and geographic integrity are discriminated to accommodate the wide range of variation within this taxon. However, due to the complexity of the variation and the presence of intermediates, formal rank has not been attributed to them.

Sympatric with var. *pulchella* and var. *goadbyi* in places. Appears occasionally to hybridise with the typical variety, especially between Perth and Dunsborough.

The typical variant (variant 1) has glabrous branchlets. Axillary spines 5–20 mm long. Leaves variable; pinnae 3–4 mm long with 3–4 pairs of obovate to oblanceolate pinnules, but ranging to 4–10 mm long with 5–8 pairs of narrowly oblong to oblanceolate pinnules; pinnules mostly 3–5 mm long. Heads 20–40-flowered. This variant is widespread from near Jurien to Lake Muir; an outlier near Port Gregory has c. 50 flowers per head.

Variant 2 has pilose, villous or pubescent branchlets. Pinnae 6–15 mm long; pinnules 5–11 pairs, narrowly oblong to narrowly obovate. It is common on laterite near Dunsborough (indumentum dense; corresponds to the type of *A. hispidissima*), infrequent elsewhere (with indumentum usually sparser; seems to correspond to the type of *A. grandis*).

Variant 3 has slender spines, 2–4 mm long; pinnules 1–2 mm long. Peduncles very slender. Heads 15-flowered. It occurs at Rosa Glen, near Margaret River. Typical var. *glaberrima* occurs nearby.

FOA Reference

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

Author

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>
Copyright 2018. All rights reserved.