

WATTLE

Acacias of Australia

Acacia clelandii Pedley



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See illustration.



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

Family

Fabaceae

Distribution

Confined to S.A. (apparently common in Gawler Ranges); rare in W.A. where it is recorded only the Rawlinson Ra. and Lorna Glen Stn, E of Wiluna. The species is currently not known to occur in N.T.; the *P.K.Latz 7500* specimen cited for N.T. by L.Pedley, *Fl. Australia* 11B: 314 (2001) is *A. paraneura*.

Description

Shrub to 5 m tall, spreading. Branchlets with appressed white hairs between yellowish resinous ribs and scattered red-glandular hairs on new growth. Phyllodes terete or subterete, occasionally flat, straight or slightly curved, 5–12.5 (–15.5) cm long, 1–1.5 (–1.8) mm diam./wide, appressed-pubescent between rather wide longitudinal nerves. Inflorescences usually single in axils; peduncles 4–10 mm long; spikes 10–25 mm long. Flowers 5-merous; sepals spathulate, 0.6–1 mm long, free or shortly united, with long hyaline hairs on margins in upper half; corolla 1.3–1.4 mm long, rarely to 2 mm, with at least a few hairs in upper part; stamens 2.5–3 mm long; ovary with longish ± appressed white hairs. Pods not stipitate, oblong, flat, straight, 25–50 mm long, 6–10 mm wide, not winged, cartilaginous, brown, longitudinally reticulately nerved. Seeds ± longitudinal, oblong, 4–6 mm long, 3–3.5 mm wide; aril small, terminal, pileate, pale.

Habitat

Habitat data are scanty, but the species is recorded from sandy soil, including dunes, and rocky hills.

Specimens

W.A.: Giles Ck, S of Rawlinson Ranges, 22 June 1960, *J.B.Cleland s.n.* (AD); Lorna Glen Conservation Park (c. 150 km ENE of Wiluna), 3 km W of No. 9 Well, 19 km due SW of old HS building, *B.R.Maslin, J.Miller & J.E.Reid BRM 9315* (AD, MEL, PERTH). Anacoora Bore, 30 June 1987, *G.H.Clarke* (AD). S.A.: Musgrave Ranges, west end, 19 Aug. 1954 & 20 Aug. 1954, *J.B.Cleland s.n.* (AD); Lagoon Ck, Mabel Creek Waterhole, 28 Sept. 1988, *A.C.Robinson* (AD, DNA).

Notes

Most closely related to *A. brachystachya* which has similar flowers but differs in its usually terete or subterete phyllodes and flat pods with cartilaginous valves. It has previously been identified as *A. brachystachya* or, more recently, *A. cibaria*.

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 B.R.Maslin & J.Rogers

L.Pedley

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



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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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