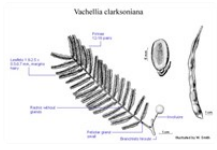


WATTLE

Acacias of Australia

Vachellia clarksoniana (Pedley) Kodela



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



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

Family

Fabaceae

Distribution

Restricted to the south-central part of Cape York Pen., Qld.

Description

Trees to 5 m tall, facultatively **deciduous**. Bark tessellated, pale brown. **Branchlets** **hirsute** with **erect hyaline** hairs c. 0.1 mm long and **scattered** longer ones 0.7 mm, red-glandular trichomes conspicuous on developing leaves. **Stipules** on flowering stems **straight**, rather brittle, subspiny, 1.5–2 mm long, often wanting. Leaves: **axis** 60–80 mm long (including **petiole** c. 10 mm), **indumentum** similar to **branchlets**; **gland sessile**, 1–1.5 mm long, 0.3–0.5 mm wide, situated immediately below lowest pair of **pinnae**; **pinnae** 12–16 pairs, 10–20 mm long; **pinnules** 15–26 pairs, **oblong**, 1.8–2.5 mm long, 0.5–0.7 mm wide, **midrib** prominent on lower surface, long hairs on margin. Heads **globular**, 13–20 (–30)-flowered; peduncles 15–45 mm long, **indumentum** similar to **branchlets**, **involucel** at about the middle. Flowers 5-**merous**; **calyx gamosepalous**; **corolla** 2.7–3 mm long; anthers with a **globular** appendage c. 0.1 mm diam. Pods **narrowly oblong**, **straight** edged or constricted between seeds, \pm flat, 6–12 cm long, 12–17 mm wide, **coriaceous** to thinly **crustaceous**, longitudinally **reticulate**, **glabrous** or **puberulous**. Seed **longitudinal**, **elliptic**, flat, 9–12 x 7–8, scarcely arillate.

Habitat

Grows in low hilly country in rather open vegetation.

Specimens

Qld: c. 20 mi [32.2 km] N of 'Gamboola', *L.Pedley 1849* (BRI, NSW).

Notes

Based on molecular and other data *Acacia sens. lat.* is now considered as comprising a number of segregate genera, see J.T.Miller & D.S.Seigler, *Austral. Syst. Bot.* 25: 217–224 (2012) for overview. Many taxa in the former *Acacia* subg. *Acacia* are now referable to the genus *Vachellia*, including the one presented here. *Vachellia clarksoniana* was referred to by P.G.Kodela, *Fl. Australia* 11A: 202 (2001) as an undescribed species under *Acacia bidwillii*.

Has affinities with *V. valida* which has a larger petiolar gland and a smaller gland between the uppermost 1–3 pairs of pinnae, normally longer pinnae with more, normally larger, pinnules. More distantly related to *V. douglasica*.

FOA Reference

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

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



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Australian
Biological
Resources
Study



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