

WATTLE

Acacias of Australia

Acacia undulifolia A.Cunn. ex G.Lodd.



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



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

Family

Fabaceae

Distribution

Scattered across the higher Blue Mtns of N.S.W., from the vicinity of Mt Monundilla in the north to the Megalong Valley in the south and from the Coxs R. area eastwards into the Watagan Ra. and the Bucketty area.

Description

Open **shrub** to 2 (–3) m high, with few primary branches; branches **erect** to **inclined**, distally upwardly **curved** to **straight**. **Branchlets** ridged or angled becoming somewhat **terete**, reddish brown or sometimes green, smooth to sparsely subtuberculate, moderately to sparsely hairy. Phyllodes with **lamina** rotated to 30°–60° from **plane** of branchlet or rarely vertical, slightly **asymmetric**, flat or sometimes **convex**, broadly **ovate** to sometimes broadly **elliptic**, very occasionally **orbicular**, (13–) 17–25 (–35) mm long, (10–) 12–16 (–22) mm wide, l:w = 1.1–2, green to grey-green or blue-green, sparsely hairy or **glabrous**, except usually with a few hairs on margin and **midrib**, particularly towards base; base obliquely **obtuse** or sometimes **acute** to **truncate**; margin **undulate**; apex **acuminate** to **acute** or **obtuse** and **mucronate**; **gland** usually inserted up to 1/8 length of margin from base, occasionally basal. Inflorescences with peduncles **inclined** upwards, 6–16 mm long, hairy; heads 8–9 mm diam., usually 20–26 (–30)-flowered, pale yellow. Corolla lobes **glabrous** or hairy; hairs long. Pods **narrowly oblong** to **oblong**, **straight**, 40–80 mm long, 16–24 mm wide, firmly **coriaceous**, subglossy, blackish; margin barely constricted between seeds.

Habitat

Mostly on stony sandy loams derived from sandstones.

Specimens

N.S.W.: 400 m NE of corner of Backmans Creek road and Great Western Hwy, Hartley, *D.Benson 1817* & *D.Keith* (NSW); 6 km NE of Mt Monundilla, *T.M.Tame 491* & *T.Williams* (NSW); near Flat Rock, Mt Face, W of Wollombi, *T.M.Tame 1836* (NSW); Apple Tree Ck, *T.M.Tame 2689* (NSW); Bucketty, *T.M.Tame 3853* (NSW).

Notes

Branchlet hairs are slightly inclined to patent, straight or wavy, 0.2–0.5 mm long, and white or hyaline. The inflorescence hairs are patent and hyaline.

In the east of the distributional range, particularly in the Bucketty to Wollemi Ck area, the plants generally have larger phyllodes which are more sparsely hairy (phyllodes 17–25 (–35) mm long) than the more western and northern populations (phyllodes 10–18 (–21) mm long). In the north of its range, *A. undulifolia* is parapatric with *A. piligera*, and sympatric with it in the Howes Mtn to Bulga area. The phyllodes of *A. undulifolia* are nearly always ovate and the heads are pale yellow, whereas the phyllodes of *A. piligera* are broadly elliptic to obovate and the heads are yellow to dark yellow.

FOA Reference

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

Author

B.J.Conn, T.M.Tame

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



URL: <https://keys.lucidcentral.org/keys/v3/wattle>
Copyright 2018. All rights reserved.