

WATTLE

Acacias of Australia

Acacia complanata A.Cunn. ex Benth.



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

Common Name

Flat-stemmed Wattle

Family

Fabaceae

Distribution

Widespread, occurring in south-eastern Qld from the Jericho area E to Bundaberg, also SE to N.S.W. on the Dumaresq R. and northern coastal parts S to Coffs Harbour with a disjunct occurrence in the Torrington district.

Description

Shrub or **tree** to 5 m high, branches arching downwards. **Branchlets** ±**flexuose**, flattened, narrowly winged, **glabrous**. Phyllodes often **patent**, narrowly **elliptic**, mostly 5–10 (–12.5) cm long and 10–30 (–45) mm wide, **obtus**e to subacute, thinly **coriaceous**, **glabrous**, with 7–9 prominent **dist**ant main nerves and openly **reticulate** in between; **pulvinus** 2–3 mm long. Inflorescences 4–8 per **axil** in **axillary fascicle** or sometimes fascicles **racemose** on **axis** to 30 mm long; peduncles 8–12 mm long, **glabrous**; heads **globular**, ±6 mm diam., 35–45 (–60)-flowered, bright yellow. Flowers 5-**merous**; sepals free to 1/2-united. Pods **linear**, **rounded** over seeds alternately on each side and shallowly to moderately constricted between them, to 15 cm long, 6–10 mm wide, thinly **coriaceous-crustaceous**, wrinkled ±reticulately over seeds, **glabrous**. Seeds **longitudinal**, subglobular, 4–5 mm long, dull, dark brown; **funicle** encircling seed.

Habitat

Grows in sand, gravel and loam, usually over sandstone, in dry sclerophyll forest and heath.

Specimens

Qld: c. 25 km S of Springsure on road to Rolleston, *B.O'Keefe 850* (PERTH). N.S.W.: 17.7 km NE of Maclean, *J.O'Hara & R.Coveny 3511* (NSW, PERTH).

Notes

The markedly flattened branchlets and seeds with an encircling funicle serve to relate *A. complanata* to *A. homaloclada*; these characters distinguish these species from related taxa such as *A. simsii* and *A. multisiliqua* (which have narrower phyllodes). *Acacia complanata* is also similar to *A. fleckeri*.

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