

WATTLE

Acacias of Australia

Acacia granitica Maiden



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

Family

Fabaceae

Distribution

Mainly occurs in north-eastern N.S.W., NE of Tamworth, extending to Crows Nest, Qld.

Description

Shrub to 3 m high, multistemmed, flat-topped, often **decumbent**. Bark corrugated towards base. **Branchlets** angular, dark purplish brown, **glabrous**, often **resinous**. Phyllodes **linear**, **straight** to shallowly **incurved**, (6–) 10–25 cm long, 1–3.5 mm wide, **coriaceous**, **glabrous**, with numerous parallel non-anastomosing **longitudinal** nerves, the central **nerve** slightly more pronounced than the rest. Inflorescences 1 or 2 within **axil** of phyllodes; peduncles 0.5–3.5 mm long, **resinous**; heads **globular** to **obloid** or spikes short-**cylindrical**, 0.3–1 cm long, pale yellow to yellow. Flowers **5-merous**; **calyx** 0.5–0.8 mm long, dissected to 1/5, with white hairs at base and brown hairs near apex; **corolla** 1.4–1.8 mm long, dissected to 1/2 with hairs as on **calyx**; **ovary** densely **pubescent**. Pods **straight** to slightly **curved** (often curving and twisting after open), slightly constricted between and raised over seeds, 2.5–8 cm long, 2–3 mm wide, thinly **coriaceous** to firmly **chartaceous**, longitudinally ridged, **glabrous**. Seeds **longitudinal**, narrowly **elliptic-oblong**, 3–4.5 mm long, black; **pleurogram** without halo; **areole** elongate, open.

Phenology

Flowers late July–mid Oct.

Habitat

Grows mostly in shallow sandy soil over granite at higher elevations, and on sandstone near the coast, in open eucalypt forests, occasionally in heaths or along creeks.

Specimens

Qld: Plunkett, SW of Beenleigh, *A.R.Bean 6314* (BRI, MEL, NSW, PERTH); Stanthorpe, July 1904, *J.L.Boorman* (NSW). N.S.W.: Flagstone Ck crossing, 20.4 km (by road) N along Gulf Rd from Emmaville, *R.G.Coveny 14608*, *R.O.Makinson & A.L.Quirico* (BRI, CANB, NSW, PERTH); Fortis Ck, at bridge on Grafton–Coldale road, *I.R.Telford 12005 & J.Nightingale* (BRI, CANB, NSW, PERTH).

Notes

Allied to *A. caroleae* which has distinctly pedunculate spikes; also related to *A. abbatiana*.

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