

WATTLE

Acacias of Australia

Acacia caroleae Pedley



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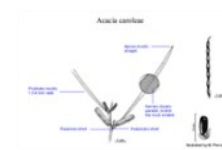
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Acacia caroleae occurrence map.
Occurrence map generated via Atlas of Living Australia (<https://www.ala.org.au>).

Family

Fabaceae

Distribution

Widespread in inland south-eastern Qld and north-eastern N.S.W. between Moura and Gilgandra.

Description

Shrub or fastigiate tree to 7 m high, multistemmed. Bark corrugated, fissured, dark grey. Branchlets angular, pinkish to dull purplish red, sometimes mealy, glabrous, often resinous. Phyllodes linear, flat, ±straight to shallowly incurved, 5–14 (–21) cm long, 1.5–4 (–6.5) mm wide, coriaceous, scurfy, glabrous; minor nerves c. 8 per mm, inconspicuous, parallel, not anastomosing; midnerve ±evident; gland 1, rudimentary, basal, to 1.5 mm above pulvinus. Inflorescences short racemes 1–20 mm long. Spikes 1.2–2 (–2.8) cm long, golden. Flowers 5-merous; calyx 0.5–1.1 mm long, dissected to 1/4, sparsely hairy at base and apex; corolla 1.2–1.8 mm long, ±glabrous; ovary glabrous or with apical hairs. Pods linear, raised over seeds, 6–8 cm long, wrinkled, glabrous. Seeds longitudinal, oblong-elliptic, 4–4.5 mm long, dark brownish black; pleurogram slightly paler, open, without halo; areole brownish black.

Phenology

Flowers mainly Aug.–Oct.

Habitat

Grows in sandy, often alluvial soils, usually in open eucalypt forests and woodlands often dominated by *Callitris*, and frequently in disturbed areas.

Specimens

Qld: 'Alice Wells', on N boundary of Mt Playfair Stn, D.F.Blaxell 1466 & J.Armstrong (BRI, MEL, NSW); 14.2 km N of Tara, N.Hall H78/29 (NSW); 15 km ESE of Inglewood, A.N.Rodd 4113 (BRI, MEL, NSW). N.S.W.: 4.8 km along Forest Way Rd, S of Narrabri, N.Hall H 84/53 (NSW).

Notes

Closely allied to *A. doratoxylon* which usually, but not always, has broader (2–8 mm wide), more curved and brighter green phyllodes (the phyllodes often being slightly narrower, straighter and more bluish- or grey-green in *A. caroleae*), and often has longer flower spikes (to 35 mm long). Also related to *A. granitica* which has almost sessile spikes, and to *A. burrowii* which has broader phyllodes, mostly shorter calyces and longer corollas, but it lacks the broad juvenile phyllodes of the latter.

FOA Reference

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

Author

Dr M.D.Tindale and Dr P.G.Kodela with the assistance of M.Bedward, S.J.Davies, C.Herscovitch, D.A.Keith and/or D.A.Morrison

Minor edits by B.R.Maslin & J.Rogers

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