

WATTLE

Acacias of Australia

Acacia kulnurensis Kodela & Tindale



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

Family

Fabaceae

Distribution

Occasional to frequent in the Bucketty–Kulnura–Mangrove Mtn areas, N.S.W.

Description

Slender, spindly or spreading **shrub** to small **tree** to 4 m high; branches often **pendulous**. **Branchlets** sparsely to densely **pubescent**; **longitudinal** ridges to 0.4 mm high, not winged. Leaves dark to mid-green above, paler below; **petiole** to 5 mm long but often \pm absent, **pubescent**, with a **gland** 0.7–1.8 mm long; **rachis** (0.6–) 2.5–8.5 cm long, **pubescent**, often with a small, inconspicuous **gland** at base of terminal pair of **pinnae**, **interjugary** glands absent; **pinnae** 3–13 pairs, 0.5–4.5 cm long; **pinnules** (4–) 6–15 pairs, well-spaced, **oblong** to **narrowly oblong**, broadly **elliptic** to **narrowly elliptic**, **lanceolate** or \pm **narrowly obovate** to **oblanceolate**, 2.5–8.5 mm long, 0.8–4 mm wide, **recurved**, **ciliate**, apex **acuminate**. Inflorescences in **axillary** or terminal racemes or panicles; **axes** to 29 cm long, **pubescent**. Peduncles 4–15 mm long, **pubescent**. Heads 5–11-flowered, cream-coloured to pale yellow. Pods **straight**-sided or sometimes irregularly constricted between seeds, **straight** or **curved**, 3–13 cm long, 11–17 mm wide, **coriaceous**, brown, brownish black, purplish brown or purplish black, with minor transverse veins, sometimes rough over seeds, **glabrous**; margins prominent, paler.

Phenology

Flowers Mar.–Sept.; fruits Sept.–Dec.

Habitat

Grows in sandy soil on sandstone and sometimes in more loamy or clayey soil on softer rock lenses; often growing between sandstone boulders or on sandstone outcrops; prefers drier habitats on upper hillslopes and ridges above c. 200 m alt.; usually in open eucalypt forest or woodland; also occurs in grey clay in Eucalyptus crebra forest near Kurri Kurri in the Hunter Valley, N.S.W.

Specimens

N.S.W.: 32.9 miles [53 km] c. S of Broke on the rd to Kulnura, 1 mile [1.6 km] c. N of Bucketty, *R.G.Coveny 4142 & R.Bisby* (A, AD, B, BRI, CANB, K, L, MEL, MO, NSW, PERTH, RSA, U, UC, US); Walkers Ridge Forest Drive, Olney State Forest, *P.G.Kodela 267 & T.A.James* (CANB, MEL, NSW, PERTH, Z); E of Kurri Kurri, *M.D.Tindale s.n.* (NSW64670).

Notes

This species was treated as *Acacia* sp. B by P.G.Kodela & M.D.Tindale, *Fl. Australia* 11A: 223 (2001). It is related to *A. terminalis* with which it appears to hybridize. It is also related to *Acacia* sp. Howes Mountain (R.G.Coveny 4108).

FOA Reference

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

Author

P.G.Kodela

Revised by B.R.Maslin & P.G.Kodela

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



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