

WATTLE

Acacias of Australia

Acacia proiantha Pedley



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See illustration.



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

Family

Fabaceae

Distribution

Restricted to the headwaters of the South and East Alligator Rivers, Kakadu Natl Park, N.T.

Description

Shrub to 6 m tall, **erect**, spindly, sometimes flowering when less than 1 m. Branchlets angular, **glabrous**, slightly **resinous**. Phyllodes **linear**, 11–17.5 cm long, 1–1.5 mm wide, **acute** with a **deciduous callus** point, rather thick, **glabrous**; one **longitudinal nerve** forming a **midrib**, with 4–6 less prominent **non-anastomosing** nerves on each side of it; **gland** basal, inconspicuous; **pulvinus** 1.5–3 mm long. Spikes single at base of **rudimentary axillary** shoot, 15–20 mm long, rather open, yellow; peduncles 2–6 mm long, **resinous**. Flowers 5-**merous**; **calyx** broadly **cupular**, 0.4–0.6 mm long, lobed to middle, somewhat **resinous**, sometimes with a few marginal hairs; **corolla** 0.8–1.1 mm long, lobed to middle, **glabrous**; **ovary** **glabrous**, **resinous**. Pods **straight**, **linear**, **acute**, to 6.5 cm long, 2–2.5 mm wide at widest part, 1.5 mm wide at isthmuses, **glabrous**, slightly **resinous**; valves rather thick with raised **reticulate** nerves, constricted between seeds and raised over them. Seeds **longitudinal**, **obloid**, c. 2.6 mm long, 1.6 mm wide; **aril** pale yellow, folded twice beneath seed.

Phenology

Flowers collected Feb. & July; fruits collected Feb.

Habitat

Occurs on gentle slopes in sandy soil and in crevices in sandstone pavements where it is often common.

Specimens

N.T.: 5 km E of Jim Jim Falls, *N.B.Byrnes 2724* (BRI, DNA, K); Deaf Adder Gorge, *R.E.Fox 2519* (BRI, DNA).

Notes

Acacia proiantha is not closely related to any other species of *Acacia* sect. *Juliflorae*. It has long narrow phyllodes with one nerve more prominent than the rest, forming a distinct midrib; its flowers are small with petals only about 1 mm long; and its pods are somewhat moniliform with small longitudinal seeds.

FOA Reference

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

Author

Minor edits by B.R.Maslin

L.Pedley

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



Australian Government
Department of the Environment and Energy



Department of
Biodiversity, Conservation
and Attractions
Western Australian Herbarium



Australian
Biological
Resources
Study



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