

WATTLE

Acacias of Australia

Acacia sericiflora Pedley



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See illustration.



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

Family

Fabaceae

Distribution

Restricted to western Arnhem Land, Kakadu and Katherine Gorge Natl Parks, N.T., between Oenpelli and Edith Falls.

Description

Shrub or tree to 3.5 m high. Bark \pm smooth, slightly rough at base. Branchlets angular, stout, densely grey-sericeous. Phyllodes very narrowly elliptic to elliptic, flat, straight to slightly incurved, 11–21 cm long, 8–28 mm wide, thinly coriaceous, sericeous when young, less so with age, with 2 prominent main nerves free to base; minor nerves 2 per mm conspicuously and loosely reticulate, with interstices narrow and elongated; glands 2; first gland prominent, round, basal and to 7 mm from pulvinus; second gland small, 1–2.5 cm from apex on dorsal margin. Spikes 2–4.5 cm long, sparsely flowered. Flowers 5-merous, sericeous; calyx 0.7–0.9 mm long, dissected to 1/3; corolla 1.5–1.9 mm long, dissected to 1/3; ovary densely sericeous. Pods linear, twisted and coiled, c. 3 mm wide. Seeds longitudinal, c. 4 mm long; areole large, open.

Phenology

Flowers June–mid-July.

Habitat

Grows in deep sand or clayey soil, within the flood zone of creek beds or on escarpments, in *Eucalyptus* woodland scrub with *Melaleuca* and *Triodia*, often in large stands.

Specimens

N.T.: upper reaches of Cooper Ck, Spencers Ra., *K.Bishop* (NSW); Twin Falls, Kakadu Natl Park, *C.Dunlop 6733* & *G.Wightman* (AD, BRI, DNA, K, MEL, NSW, PERTH); Jim Jim Ck, *C.Dunlop 6749* & *G.Wightman* (AD, BRI, CANB, DNA, K, NSW); tributary of Alligator R., *I.Olsen 2726* (NSW).

Notes

Related to *A. holosericea* which has phyllodes with apical gland adjacent to the mucro, normally 3 prominent longitudinal nerves two of which are basally confluent and sometimes contiguous with the lower margin of the phyllode and yellow arils.

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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Australian
Biological
Resources
Study



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