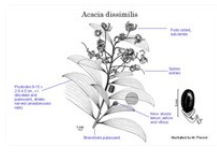


WATTLE

Acacias of Australia

Acacia dissimilis M.W.McDonald



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
See illustration.



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

Common Name

Mitchell Plateau Wattle

Family

Fabaceae

Distribution

Known from only two sites in the northern Kimberley region, W.A., namely, the Mitchell Plateau (where it grows on laterite) and Laplace Is. (where it has been recorded from near the summit of the island, on basalt).

Description

Openly branched **shrub** to 2.5 m high. Bark smooth, grey. New shoots **villous**, hairs lemon yellow. **Branchlets terete** except slightly flattened at extremities, sparsely to densely silvery **pubescent**. **Stipules** 4–5 mm long. Phyllodes **dimidiate** or slightly subfalcate, sometimes with shallowly **recurved** apices, 9–15 cm long, 2.5–4.5 cm wide, thinly **coriaceous**, sparsely to moderately **sericeous**, grey green; **longitudinal** nerves numerous and parallel (nerves 6–7 per mm and with broad internerve spaces between them), anastomoses rare, 3–7 main nerves more evident than the rest; **pulvinus** 5–10 mm long, hairy, brown. Inflorescences **simple**, 2 per **axil**; peduncles 8–10 mm long, densely hairy. Flowers not seen but fruiting **receptacle** of **spike** to 8 cm long. Pods **linear**, sometimes slightly constricted between the seeds, **sub-terete** to slightly flattened, **coiled**, sometimes twisted, 2–7 mm wide, **crustaceous**, sparsely **pubescent**, longitudinally wrinkled. Seeds \pm **longitudinal**, **elliptic** to irregularly **ovate**, 3–4 mm long, 2–3 mm wide, glossy, black; **funicle/aril** twice-folded, cream.

Specimens

W.A.: Amax base camp, Mitchell Plateau, West Kimberley, *K.F.Kenneally* 6799 (PERTH); Laplace Is., *K.F.Kenneally* 11229 (PERTH).

Notes

Acacia dissimilis is seemingly a member of the '*A. tumida* group' but distinguished from all other members by its lemon yellow, villous new shoots and its coiled pods with small seeds; it is also distinctive on account of having hairy branchlets, phyllodes and pods. Its phyllode nervature is similar to that of *A. tumida* but its simple axillary inflorescences suggest affinities with *A. brassii*, fide M.W.McDonald, *Austral. Syst. Bot.* 16: 149 (2003).

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:



Australian Government
Department of the Environment and Energy



Department of
Biodiversity, Conservation
and Attractions
Western Australian Herbarium



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