

WATTLE

Acacias of Australia

Acacia producta Tindale



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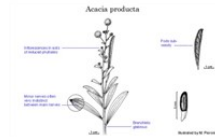
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See illustration.



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

Family

Fabaceae

Distribution

Occurs in the Top End of the N.T. and on Maria Is., Gulf of Carpentaria, N of 17°S, between 132°E and 136°20'E.

Description

Shrub to 2 m high, **erect** or **prostrate**, **resinous**. Bark smooth, dark grey. **Branchlets** angular towards apices, with resin-crenulated ridges. Phyllodes narrowly **ob lanceolate** to **elliptic**, **straight** and often **dimidiate** or shallowly **recurved**, 3–6 (–9) cm long, (4–) 5–15 (–20) mm wide, (young phyllodes apically **resinous**), usually with 3 prominent **longitudinal** nerves (1 **nerve** often becoming **confluent** with **ventral** margin towards base), with 2–4 subprominent **longitudinal** nerves; minor nerves 2–4 per mm, sometimes **anastomosing**; **gland** 1, conspicuous, basal. Inflorescences **simple**, 1 or 2 (rarely 3) in axils of reduced phyllodes; peduncles (3–) 7–25 (–35) mm long; heads **globular**, 5–13 mm diam., 14–39-flowered, yellow or bright yellow. Flowers 5-**merous**; **calyx** 0.5–1.2 mm long, scarcely dissected, with few hairs on lobes; **corolla** 1.5–2.5 mm long, dissected to c. 1/3, **glabrous**, with prominent **petal midrib**; **ovary pubescent**. Pods **erect**, narrowly **ob lanceolate** to **±linear**, tapered basally, 3–7.5 cm long, (2–) 3–8 (–12) mm wide, ±brown, obliquely nerved; margins prominent. Seeds **oblique**, **oblong-elliptic**, 3–7 mm long, dark brown; **funicle-aril turbinate**.

Phenology

Flowers in all months.

Habitat

Usually found on alluvial flats or rocky sandstone plateaux with extensive rock pavements, on laterite, in sand, sandy loams, kaolinitic soils or sandy silts, in heaths or eucalypt woodlands.

Specimens

N.T.: 5 miles [8 km] NE [of] Goyder R. Crossing, *N.Byrnes 2643* (DNA, NSW); Jim Jim Ck, Kakadu Natl Park, *C.R.Dunlop 5549* (CANB, DNA, NSW); 13 km SSW of Twin Falls, Kakadu Natl Park, *M.Lazarides 8974* (CANB, DNA, NSW); levee of Katherine R., Stuart Hwy, *M.D.Tindale 6041* & *C.Dunlop* (A, AD, BRI, CANB, DNA, MEL, PERTH, US).

Notes

This is a polymorphic member of the '*A. stigmatophylla* group' with globular inflorescences. There is considerable variation in the populations of *A. producta*. Both erect and prostrate forms exist, but there is some inconsistency within these groups in the shape and spacing of the phyllodes, the nervation of the phyllodes and the number of flowers per capitulum.

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