

WATTLE

Acacias of Australia

Acacia exigua I.M.Turner



Common Name

Muntalkura Wattle

Family

Fabaceae

Distribution

Confined to a restricted area of the Hamersley Ra. mainly in the general vicinity of Tom Price (extending from Hamersley Stn SE to Coppin Pool); also grows near Mt Windell, about 50 km NE of Coppin Pool, W.A.

Description

Shrub or tree (1–) 2–6 m high; crown normally dense. Bark fibrous, grey. Branchlets terete, obscurely (non-resin) ribbed, glabrous. Phyllodes filiform, slightly curved to shallowly sigmoid, terete, (10–) 14–18 cm long, c. 1 mm diam., with normally delicately curved to uncinat tip, not rigid, pale subglaucous, glabrous except pulvinus being adaxially puberulous at base, finely striate. Inflorescences simple, 2 per axil; peduncles 8–13 mm long, glabrous; spikes 10–20 mm long, subdensely flowered, light golden. Flowers 5-merous; sepals united into a sinuate-toothed cup, 1/4–1/3 length of petals, villous. Pods linear, flat but slightly raised over seeds and constricted between them, sub-straight to moderately curved (into an open semi-circle), to 9 cm long, 4–5 mm wide, firmly chartaceous, greyish brown, glabrous. Seeds longitudinal, oblong-elliptic to elliptic, 4–5 mm long, slightly shiny, brown; areole minute; aril terminal, whitish.

Habitat

Grows on low rocky hills in iron-rich soils derived from Marra Mamba and Brockman Iron Formations, with several *Acacia* spp. and a ground cover of spinifex.

Specimens

W.A.: Tom Price, 0.8 km from minesite entrance, *K.Atkins 1221* (CANB, K, PERTH); Hamersley Ra., *E.M.Cole WA5097* (PERTH); 27 km from Tom Price on road to Paraburdoo, *B.R.Maslin 4666* (BRI, CANB, K, MEL, NY, PERTH); Hamersley Ra. Natl Park, 1.4 km SW of hut at Coppin Pool, *M.E.Trudgen 2548* (AD, BRI, NSW, PERTH).

Notes

The name *A. exilis* Saporta was described for a fossil-species from France, fide I.M.Turner (l.c). Most closely allied to *A. tenuissima* which has resin-ribbed branchlet apices, generally shorter phyllodes, shorter, pale yellow, more densely flowered spikes, narrower pods and yellow arils; moreover, *A. tenuissima* is commonly a shrub to about 2 m high. Sometimes sympatric with *A. aptananeura* which is distinguished by its grey-green phyllodes, more densely flowered spikes, free sepals and broader pods.

Resprouts from the base following fire. Phyllodes contain relatively high concentrations of cyanogenic glycoside but it is not known if they also possess an endogenous enzyme necessary for converting glycoside into toxic hydrogen cyanide; the species is not known to be incriminated in stock losses.

FOA Reference

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

Author

Edited by B.R.Maslin

B.R.Maslin, R.S.Cowan

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>
Copyright 2018. All rights reserved.