

WATTLE

Acacias of Australia

Acacia subtiliformis Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



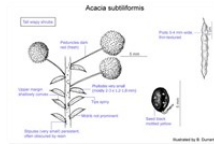
Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



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



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

Common Name

Witarra

Family

Fabaceae

Distribution

Restricted to the Pilbara region in north-western W.A. where known from disjunct populations in the Hamersley, Hancock and Ophthalmia ranges.

Description

Erect, spindly, wispy, single-stemmed **shrub** 2.5–3.5 m high, stems c. 1.5 cm diam., upper branches scarred where phyllodes have fallen. **Branchlets lenticular, glabrous, resinous**. Stipules **persistent**, 0.7–1.5 mm long, **erect**, often enveloped by resin. Phyllodes asymmetrically **oblong** to **oblong-elliptic**, lower margin \pm **straight**, upper margin often shallowly **convex, sub-crowded**, wide-spreading, 2–3 (–5) mm long, 1.2–1.8 mm wide, l: w = 1–2.3, abruptly terminated at the **rounded** apices by a short (0.3–0.5 mm long) but distinct, **excentric, pungent cusp, glabrous**; **midrib** not prominent, often with a less pronounced second **nerve**; **pulvinus** very indistinct; **gland** single, near or below centre of upper margin. Inflorescences **simple**, 1 per **axil**; peduncles 6–8 mm long, **glabrous**, dark red (fresh), base **ebracteate**; heads **globular**, densely 40–50-flowered, golden. Flowers 5-merous; sepals free. Pods **narrowly oblong**, flat but **rounded** over seeds, 20–40 mm long, 3–4 mm wide, firmly **chartaceous, glabrous, stipitate**. Seeds **longitudinal, elliptic**, c. 3 mm long, black but **mottled** pale yellow; **funicle filiform, exarillate**.

Phenology

Flowers July–Aug.

Habitat

Grows on calcareous rises adjacent to drainage lines with *Eucalyptus*, *Melaleuca* and *Petalostylis* over spinifex.

Specimens

W.A.: Hamersley Ra. [precise localities withheld for conservation reasons], N.E.Casson & E.M.Mattiske MCPL 1060 (PERTH), B.R.Maslin 8552 (K, MEL, PERTH), B.R.Maslin 8699 (MEL, PERTH) and E.Thoma 1153 (NSW, PERTH).

Notes

Related to and superficially resembles *A. minutissima* which differs in its growth form and slightly smaller and differently shaped phyllodes. Both species are related to *A. maitlandii* which has longer phyllodes.

FOA Reference

Flora of Australia Project

Author

J.Reid, B.R.Maslin

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.