

WATTLE

Acacias of Australia

Acacia thieleana Maslin



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

Common Name

Thiele's Wattle

Family

Fabaceae

Distribution

Discontinuous along SW margin of the wheatbelt from near Toodyay S to Dardadine (c. 40 km due SW of Narrogin), south-western W.A..

Description

Grass-like, caespitose, **multi-stemmed sub-shrub**, **erect** and 20–50 cm tall or sprawling/scrambling **±prostrate**. Stems gracile, little-divided, normally **terete** to **sub-terete** or **quadrangular**. Phyllodes **continuous** with stems, normally extremely reduced to **±terete**, brown appendages 0.5–1.5 mm long, sometimes clearly-developed and superficially resembling stems, 2–33 mm long, 0.3–1 mm wide, **erect**, **quadrangular** to **terete** or **±compressed**, **subulate**, 4-nerved with **abaxial** one the most pronounced, **innocuous**; **gland** absent. Inflorescences **simple** or 1- or 2-headed racemes 5–10 mm long; peduncles 5–15 (–23) mm long, **glabrous**; heads **globular**, 15–19-flowered, golden or cream-coloured; bracteoles 0.8–1 (–1.5) x 0.5–0.7 mm. Flowers **5-merous**; sepals united, 2/5–1/2 length of petals; **calyx** tube **glabrous**, 1.3–1.5 mm wide at apex, **truncate**, **repand** or very shortly dissected into **obtuse** or broadly **triangular**, non-thickened lobes; petals **glabrous** and nerveless. Pods **narrowly oblong**, prominently **rounded** over seeds, 20–35 mm long, 4.5–6.5 mm wide, normally shallowly **curved**, **glabrous** or sparsely **pilose**, margins thickened. Seed transverse, 2–2.5 mm long, black, arillate, **areole** circular to **elliptic**.

Phenology

Aug.–Oct.; mature pods Dec.

Habitat

Occurs on laterite or sandy loam or sandy clay over laterite in lower shrub stratum of woodland often dominated by *Eucalyptus accedens*, *E. drummondii*, *E. wandoo* and/or *Allocasuarina huegeliana*.

Notes

Related to *A. applanata* which is distinguished by flattened, bifariously winged stems with the continuous phyllodes that are also flat, 1.5–5(–10) mm long and often appearing spur-like; it also has wider and normally densely villous pods, larger seeds and smaller bracteoles and calyces. See B.R.Maslin, *Nuytsia* 24: 148-149 (2014) for further discussion.

FOA Reference

Flora of Australia Project

Author

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>

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