

WATTLE

Acacias of Australia

Acacia walkeri 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



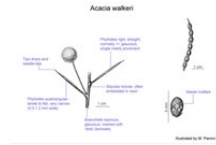
Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



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



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



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



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

Common Name

Walker's Wattle

Family

Fabaceae

Distribution

Occurs in arid areas of W.A. where it extends from the western edge of the Little Sandy Desert and Pilbara regions E to the Central Ranges near the N.T. and S.A. borders.

Description

Spindly **shrub** (1–) 2–2.5 (–3.5) m high. **Branchlets** light brown to red, **lenticellular**, **glabrous**, **resinous-viscid**, scarred where phyllodes have fallen. **Stipules persistent**, 0.5–1 mm long, **erect**, often enveloped in resin. Phyllodes **patent** to **±inclined**, **acicular**, **quadrangular-terete** to flat, (8–) 10–20 (–30) mm long, 0.5–1.2 mm wide, **lw** = 30, **pungent** with a slender **culp**, **rigid**, normally subglaucous to **±glaucous**; 4-nerved when **quadrangular-terete**, 1-nerved per face when flat. Inflorescences **simple**, 1 or 2 per **axil**; peduncles 10–15 (–20) mm long, exceeding phyllodes, slender; heads **globular**, 5–6 mm diam. (fresh), 40–60 flowers, golden. Flowers 5-**merous**; sepals free, **linear-spathulate**. Pods submoniliform, (20–) 30–50 mm long, 3 mm wide, firmly **chartaceous** to thinly **coriaceous**. Seeds **longitudinal**, **oblong** to **oblong-elliptic**, 3–3.5 mm long, dark brown to **±black**, **mottled** cream and cream on periphery and bordering **pleurogram**, **exarillate**.

Habitat

Grows in sandy loam or clay on plains or rocky slopes with other shrubs and spinifex ground cover.

Specimens

W.A.: 35 km from Old Mary Mia, on N edge of Miss Fairbairn Hills, SW edge of Little Sandy Desert, *D.J.Edinger Nats 2* (PERTH); entrance to Glen Cumming, Rawlinson Ra., *A.S.George 8850* (AD, NSW, PERTH); Gibson Desert, 140.5 km by road SE of Mt Everard on 'Heather Highway', *B.R.Maslin 5661* (CANB, K, PERTH, distributed as *A. maitlandii*).

Notes

Acacia walkeri was noted as the first variant under *A. maitlandii* by B.R.Maslin in *Fl. Australia* 11A: 388 (2001).

Most closely related to and may possibly be better treated as an infraspecific taxon of *A. maitlandii* which differs in its broader, differently shaped, green and consistently flat phyllodes, larger flower heads and normally broader pods. Possibly confused with *A. tetragonophylla* which differs most obviously in its 5-nerved phyllodes that are clustered at mature nodes (single on new shoots), and larger, curved to coiled pods with seeds encircled by a bright orange-red or yellow aril.

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.