

WATTLE

Acacias of Australia

Acacia lator (R.S.Cowan & Maslin) Maslin & Buscumb



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



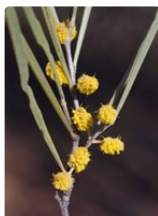
Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



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

Common Name

Broad-leaf Sugar Brother

Family

Fabaceae

Distribution

Common in the Mullewa area, W.A., with scattered occurrences in Gnows Nest and Blue Hill ranges, and on White Wells, Karara and Warriedar stns.

Description

Rounded or obconic, normally multi-stemmed shrub 1–3 (–4) m high, stems \pm sparingly fluted, crowns dense and compact. New shoots densely silvery white appressed hairy. Bark smooth or finely fissured. Branchlets \pm angular or sub-flattened at extremities, obscurely ribbed, glabrous or appressed-puberulous at extremities. Phyllodes narrowly oblanceolate to linear-oblanceolate, linear-elliptic or linear, flat, straight to shallowly incurved, acute or obtuse and innocuous to coarsely pungent, (4–) 5–11 (–13) cm long, (2–) 5–8 (–10) mm wide, subrigid, green to grey-green with a distinctive silvery sheen most evident on young phyllodes, appressed-puberulous with hairs confined to between nerves with age; longitudinal nerves numerous, fine and close together. Inflorescences simple, mostly 2 per axil; peduncles 3–7 mm long, with dense, silvery white appressed hairs and occasionally red-brown glandular hairlets; heads widely ellipsoid to obloid or short cylindrical, 8–12 mm long, 5–7 mm diam., golden. Flowers 5-merous; calyx variable, divided to c. $\frac{1}{2}$ its length or sometimes to the base. Pods straight to slightly curved, terete, 2–5 cm long, (1.5–) 2–3 mm wide, thinly to moderately coriaceous, appressed-puberulous, obscurely longitudinally nerved. Seeds longitudinal, oblong, 2–2.5 (–3) mm long, shiny, light or dark brown; aril white.

Habitat

Grows in sand, rocky clay or clay loam and sandy loam, on sandplains, or gravelly rises, in shrubland or scrub with mallee-type eucalypts and *Acacia* spp.

Specimens

W.A.: Whitewells Stn, 64 km E of Perenjori, *J.S.Beard* 7367 (PERTH: narrow phyllode form); between Cue and Mount Magnet, *W.E.Blackall* 81 (PERTH); East Yuna Reserve, *A.C.Burns* 1A (PERTH); 55.5 km E of Mullewa on the road to Yalgoo, *B.R.Maslin* 9416 (PERTH).

Notes

Until recently treated as a variety of *A. coolgardiensis*, now considered more appropriate as a distinct species; see B.R.Maslin & C.Buscumb, *Nuytsia* 18: 107–125 (2008) for discussion.

A member of the '*A. coolgardiensis* group' and, around Mullewa, is parapatric and/or sympatric with other members of the group, namely, *A. coolgardiensis*, *A. effusifolia* and *A. incognita*; possibly hybrids between *A. lator* and *A. effusifolia* occur in this area, e.g. *B.R.Maslin* 4261 (PERTH). Most closely related to *A. sulcaticaulis* which differs in its clearly flattened branchlets, slightly broader, bright green phyllodes that are either glabrous or with sparse appressed hairs, less obviously hairy branchlets and peduncles, and \pm glabrous pods that are <2 mm wide.

Acacia lator is very variable in its phyllode shape and size. A variant with narrower than normal phyllodes (2–4 mm wide) is common in the Blue Hill Ra., E of Mullewa. It resembles, and is sometimes sympatric with, *A. effusifolia* from which it is most readily distinguished by having conspicuously hairy new shoots; see B.R.Maslin & C.Buscumb, *Nuytsia* 18: 121 (2008) for discussion.

FOA Reference

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

Author

Revised by B.R.Maslin & J.Reid

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.