

WATTLE

Acacias of Australia

Acacia hilliana Maiden



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



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
J. & M. Simmons



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



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



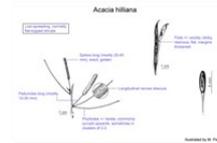
Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
B.R. Maslin



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



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
Kym Brennan



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



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



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

Common Name

Hill's Tabletop Wattle, Flying-saucer Bush

Family

Fabaceae

Distribution

Widespread and quite common in northern and central Australia, extending from the Pilbara region, W.A. through N.T. to NW Qld, between about 17°S and 25°S.

Description

Sprawling, semi-prostrate, normally flat-topped, horizontally-branched, resinous, glabrous shrub 0.3–1 (–1.5) m tall and spreading 1–3 (–4–5) m across. Branchlets variably tuberculate, obscurely ribbed. New shoots viscid. Phyllodes solitary at nodes or sometimes in clusters of 2 or 3, commonly shallowly to moderately curved upwards (often curving from near the base), sometimes straight, terete to compressed, rarely flat, 2–6 (–7) cm long, 0.5–1 mm wide, coriaceous, glaucous when mature, usually tuberculate, obscurely multistriate; gland usually 1, inconspicuous, 2.8–13 mm above pulvinus. Spikes 2–4.5 cm long, erect, golden; peduncles 10–30 (–40) mm long. Flowers 5-merous; calyx 0.5–1 mm long, dissected for 2/3–3/4. Pods erect, linear but narrowed towards base, flat, 2–7.7 cm long, 2.5–5 (–6) mm wide, woody, viscid and fragrant (especially when young), dark brown, with oblique nerves, opening elastically from the ±hooked apex (valves recurved following dehiscence); margins thick and pale coloured; with discrete seed-partitions. Seeds oblique to almost longitudinal, laterally compressed, 2.8–5.5 mm long, chestnut to brown; areole light brown to brown, with pale halo bordering the pleurogram; funicle-aril straight and narrowly turbinate.

Phenology

Flowers April–Nov., main flush May–June.

Habitat

Grows in skeletal, red loamy sand or sand on laterite or quartzite, on slopes or ridges, near creeks, inland sand dunes or rocky plains, in open woodland, shrubland or grassland with eucalypts, acacias and spinifex.

Specimens

W.A.: Sir Frederick Ra., *J.R.Maconochie 1380* (DNA, NSW); N of Great Sandy Desert, turnoff to La Grange Mission, *I.V.Newman 657* (NSW). N.T.: Churchills Head, 80 km N of Tennant Creek, *B.G.Briggs 3691* (DNA, NSW, PERTH, U); 4 miles [6.4 km] NE of Kurundi Stn, *M.Lazarides 5872* (CANB, NSW); Highland Rocks area, *J.R.Maconochie 1089* (DNA, NSW). Qld: c. 104 km WNW of Mt Isa, *LP.Bailey Q317* (BRI).

Notes

A reputed hybrid between *A. hilliana* and *A. stellaticeps* has been collected near the Eighty Mile Beach, W.A. (see *A. hilliana* × *stellaticeps*).

A specimen from c. 18 km W of Doomadgee on Corinda road, Qld (*S.W.L.Jacobs 1463*, NSW), which has fine phyllodes (to 2.8 cm long, 0.5–0.7 mm wide) and calyces to 0.5 mm long with ±free sepals, requires further investigation as to its relationship to *A. hilliana*.

Acacia hilliana is a relatively invariable species. However, a few Pilbara specimens are slightly atypical in that they lack the small tubercles which are normally scattered over the phyllodes and branchlets (e.g. Wittenoom, W.A., *F.Lullfitz L6181*, NSW).

Closely allied to *Acacia* sp. Barklys (J.L.Egan 124) and *A. arrecta*.

Very attractive when in flower and has horticultural potential for inland gardens. Used widely in the Pilbara, W.A., for mine site rehabilitation.

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

Dr M.D.Tindale and Dr P.G.Kodela with the assistance of M.Bedward, S.J.Davies, C.Herscovitch, D.A.Keith and/or D.A.Morrison

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.