

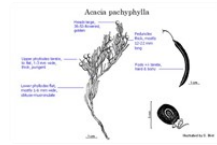
WATTLE

Acacias of Australia

Acacia pachyphylla Maslin



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Source: WorldWideWattle ver. 2.
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Acacia pachyphylla occurrence map.
Occurrence map generated via Atlas of Living
Australia (<https://www.ala.org.au>).

Family

Fabaceae

Distribution

Occurs in coastal and near-coastal areas from the Young R. (c. 70 km due W of Esperance) to Israelite Bay (c. 180 km due E of Esperance) and extending inland to Truslove (c. 60 km due N of Esperance) and near Mt Buraminya (c. 130 km due NE of Esperance), south-western W.A.

Description

Glabrous multistemmed **shrub**, usually to 0.3 m high. **Branchlets** light grey, reddish at extremities. **Stipules** **persistent**, 1.5–3 mm long. Phyllodes **dimorphic** (on upper branches: **terete**, subterete, \pm **quadrangular** or flat, 1–3 mm wide, **pungent**; on lower branches: frequently **caducous**, **oblanceolate**, flat, 1–6 (–7.5) mm wide, **obtuse-mucronate**), **ascending** to **erect**, 2–6.5 cm long, thickly **coriaceous**, drying with fine **longitudinal** wrinkles, often **glaucous**, 4-nerved in all, 1-nerved per face when flat; **gland** 6–7 mm above **pulvinus**. Inflorescences **rudimentary**, 1-headed racemes with **axes** c. 0.5 mm long, normally growing out; peduncles 12–22 (–30) mm long, thick; heads **globular**, 6.5–8 mm diam., mostly 36–53-flowered, golden. Flowers 5-**merous**; sepals free. Pods not constricted between the seeds, **terete** to subterete, to 8.5 cm long, 6–8 mm wide, hard and bony, \pm **pruinose**. Seeds **longitudinal**, **oblong** to broadly **elliptic**, 4.5–5 mm long, dull, dark brown to black; **aril** terminal, pileiform.

Habitat

Grows in sand, gravelly sand, sand over clay, loam or clay, in open heath or open shrub mallee over heath, on flat or gently undulating topography.

Specimens

W.A.: 29 km W of Israelite Bay, *H.Demarz 4919* (PERTH); Gibson's Soak, *L.Diels 5325* (PERTH); 35 km NNW of Young R. crossing on Ravensthorpe–Esperance main road, *N.N.Donner 3018* (CANB, PERTH); 0.8 km N of Condingup Hill, c. 63 km E of Esperance, *K.Newbey 7940* (PERTH).

Notes

Although Bentham described this taxon as a variety of *A. gonophylla* the two are not closely related. *Acacia gonophylla* is distinguished by its 5-nerved phyllodes, shorter peduncles, smaller, cream to pale yellow flower-heads and very different pods. *Acacia pachyphylla* is allied to *A. dermatophylla* which is normally a single-stemmed shrub with more prominent stipules, paired peduncles and broader pods; also similar superficially to *A. maxwellii* which has uniformly shaped phyllodes, mostly 1–3-headed reduced racemes, pale yellow to cream, smaller heads with many fewer flowers, united sepals and smaller, crustaceous pods enclosing \pm circular seeds. The phyllodes of *A. pachyphylla* are generally similar to those of a S.A. species, *A. pinguifolia*, which has thick, 10–15-nerved phyllodes, simple or sometimes rudimentary, 1–3-headed reduced racemes, shorter peduncles and smaller heads with fewer flowers. Superficially similar also to *A. mutabilis* subsp. *angustifolia*.

FOA Reference

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

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This identification key and fact sheets are available as a mobile application:



URL: <https://keys.lucidcentral.org/keys/v3/wattle>
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