

WATTLE

Acacias of Australia

Acacia incognita Maslin & Buscumb



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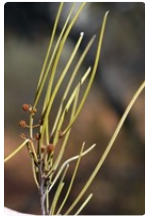
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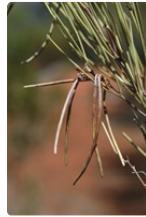
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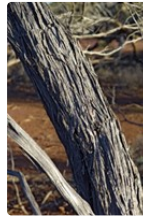
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Acacia incognita occurrence map.
Occurrence map generated via Atlas of Living
Australia (<https://www.ala.org.au>).

Common Name

False Sugar Brother

Family

Fabaceae

Distribution

Occurs in the Mullewa and Yalgoo areas, S to Karara Stn (c. 80 km E of Morawa), W.A.; often locally common.

Description

Obconic shrub or tree 3–5 m high, stems slightly crooked and not fluted. Bark fissured on main stems and normally also upper branches. New shoots resinous, glabrous except often with scattered, caducous, reddish glandular hairlets. Branchlets glabrous or obscurely appressed-puberulous between obscure, non-resinous ribs. Phyllodes slender, sub-terete to flat, sometimes terete, innocuous to coarsely pungent, straight to shallowly incurved, (4–) 7–12 cm long, (0.8–) 1–1.2 (–1.5) mm wide, not especially rigid, green or sometimes greyish green; longitudinal nerves fine, numerous and close together. Inflorescences simple, 1 (–2) per axil; peduncles usually (3–) 4–6 (–7) mm long, slender, glabrous or sometimes sub-glabrous; heads globular to short-obloid, 4–6 mm long, 4–5 mm diam., golden. Flowers 5-merous; sepals free to 1/4 united. Pods straight to shallowly curved, terete, mostly slightly constricted between seeds, 3.5–10 cm long, 1–2 mm wide, thinly coriaceous-crustaceous, ±obscurely longitudinally nerved. Seeds longitudinal, narrowly elliptic or narrowly oblong, 3–5 mm long, shiny, brown; aril white to creamy white.

Phenology

Flowers erratic between Jan. and Oct.

Habitat

Grows in loam or loamy clay on plains or low rises, in woodland dominated by *Eucalyptus* spp. or shrubland dominated by *Melaleuca* spp.

Specimens

W.A.: 36 miles [58 km] S of Yalgoo, *J.S.Beard 7189* (PERTH); Karara Station, c. 1 km W of Mount Karara, *D.Coultas, F.Obbens & C.Anderson AS-02* (AD, PERTH); 48 km W of Yalgoo on the road to Mullewa, *B.R.Maslin 7110* (CANB, NSW, NY, PERTH).

Notes

A member of the '*A. coolgardiensis* group' and sometimes sympatric/parapatric with other group members, *A. effusifolia* and *A. latior*.

Collections previously noted by R.S.Cowan, *Fl. Australia* 11B: 329 (2001), from Carey Downs, Byro and Curbur stns, W.A. have been provisionally referred to *A. incognita* but differ from typical representatives of the species in having terete phyllodes and longer peduncles (5–12 mm long) and receptacles (to 7 mm long); further study is required to assess the status of these plants, see B.R.Maslin & C.Buscumb, *Nuytsia* 18: 118 (2008), for discussion.

Most closely related to *A. coolgardiensis* which differs in having fluted stems, mostly smooth bark, often resin-ribbed branchlets, never flat phyllodes, generally larger heads that are normally obloid to short-cylindrical and mostly paired in axils and shorter, stouter peduncles; see B.R.Maslin & C.Buscumb, *Nuytsia* 18: 117 (2008) for further discussion. Superficially similar to *A. resinosa* which is most readily recognised by its resinous heads, united sepals and flat, non-striate pods, and a variant with close affinities to *A. balsamea* that occurs near Lake Giles.

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>
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