

WATTLE

Acacias of Australia

Acacia nematophylla F.Muell. ex Benth.



Source: Australian Plant Image Index (dig.4172).
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Source: Australian Plant Image Index (a.31213).
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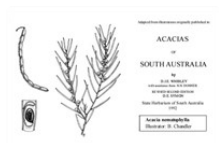
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Source: WorldWideWattle ver. 2.
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Acacia nematophylla occurrence map.
Occurrence map generated via Atlas of Living
Australia (<https://www.ala.org.au>).

Family

Fabaceae

Distribution

Occurs on coastal dunes in S.A. on the Eyre Peninsula (near Drummond Point to Point Boston, also Venus Bay), southern Yorke Peninsula (Innestone to Sturt Bay) and Fleurieu Peninsula (Cape Jervis).

Description

Bushy **shrub** to c. 2.5 m high. **Branchlets** angled at extremities, **glabrous**. Phyllodes **ascending** to **erect**, **terete** to flat and narrowly **linear**, **straight** to shallowly **curved**, (1.4–) 2–4 cm long and 0.7–1.5 (–2) mm wide, obliquely **mucronate** to **uncinate**, grey-green, **glabrous**, normally finely wrinkled when dry, 4-nerved in all, 1-nerved per face with an **impressed** or slightly raised **midrib** when flat. Inflorescences **simple**, 1 per **axil**; peduncles 4–15 mm long, **glabrous**, **ebracteate** at base; heads **globular**, 28–41-flowered. Flowers **5-merous**; sepals united. Pods **linear**, to 11 cm long, 5–6 mm wide, **coriaceous-crustaceous** to subwoody, longitudinally **rugose**, **glabrous**. Seeds **longitudinal**, **oblong** to **elliptic**, 4–5 mm long, dull to slightly shiny, dark brown to black; **funicle** 1/2–3/4 encircling seed, reddish brown; **aril clavate**.

Specimens

S.A.: Port Lincoln Nature Reserve, 4 Dec. 1965, *D.Freckelton s.n.* (CANB); Sturt Bay, c. 15 km S of Warooka, *B.R.Maslin 4538* (PERTH); Cape Jervis, *D.E.Mufet 1475* (AD, CANB); Point Drummond–Coffin Bay, *N.Perry 822* (AD).

Notes

A member of the '*A. microbotrya* group' which until recently was regarded as conspecific with *A. calamiifolia*, *fide* B.R.Maslin & D.J.E.Whibley, *Nuytsia* 6: 30–31 (1987). The two species are allopatric, *A. nematophylla* occurring on coastal dunes and *A. calamiifolia* inland.

Probable hybrids between *A. nematophylla* and the second variant under *A. anceps* (= *Acacia* sp. *Winged* (C.R.Alcock 4936)) are recorded from the southern Yorke and Eyre Peninsulas (see *A. anceps* × *nematophylla*).

The Murray scrub specimens referred to in the protologue of *A. nematophylla* and under *A. bynoeana* by G.Bentham, *Fl. Austral.* 2: 337 (1864), are *A. wilhelmiana*, *fide* A.B.Court, *Muelleria* 2: 160 (1972).

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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Minor edits by B.R.Maslin & J.Rogers

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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