

WATTLE

Acacias of Australia

Acacia muriculata Maslin & Buscumb



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

Common Name

Koolanooka Wattle

Family

Fabaceae

Distribution

Known only from E of Morawa, in scattered populations at Koolanooka Hills, south-western W.A.

Description

Intricately branched, multistemmed **shrub** 1–2 m high. **Branchlets** **verruculose**-ribbed by tubercle-based often **caducous** hairs, **pilose** mainly on the ribs. New shoots maroon red or dull brown tinged maroon. **Stipules** 2–4 mm long, often only the thickened, **indurate** bases persisting at mature nodes. Phyllodes rather wide spreading, mostly **narrowly oblong** to **oblong-elliptic**, the tip **innocuous** or coarsely **pungent**, shallowly to markedly **recurved** but sometimes with few **straight** and **dimidiate**, **coriaceous**, (20–) 25–45 mm long, (4–) 6–10 mm wide, subglaucous (?aging green); **midrib** prominent, yellowish, **glabrescent**; **lateral** nerves obscure; marginal **nerve** prominent, yellow, **verruculose** as on **branchlets**; **gland** seemingly absent; **pulvinus** **vestigial**. Inflorescences initiated on expanding new shoots, **simple** or **rudimentary** 1–2-headed racemes 1–2 (–6) mm long; peduncles 10–18 mm long, **glabrous**, red; heads **globular**, densely 26–50 flowered, light golden. Flowers **5-merous**; sepals \pm free, 0.5–0.7 mm long, c. 1/5 length of petals; petals tinged dark brown at apex, nerveless, **glabrous**. Pods and seeds not seen.

Phenology

Flowers Sept.–Oct. and possibly Nov.

Habitat

Grows in loam on slopes of low banded ironstone and laterised banded ironstone hills in mallee shrubland.

Specimens

W.A.: Koolanooka Hills, E of Morawa [precise localities withheld for conservation purposes], *B.R.Maslin 9105* (PERTH), *R.Meissner & Y.Caruso 84* (PERTH) and *R.Meissner & Y.Caruso 88* (PERTH).

Notes

Possibly allied to *A. aculeiformis* and *A. botrydion*, both of which have differently shaped, shorter phyllodes and longer sepals than those of *A. muriculata*. Additionally *A. aculeiformis* has spinose, recurved stipules; *A. botrydion* has coarsely pungent branchlets often devoid of phyllodes, longer racemes and longer sepals.

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:



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Resources
Study



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