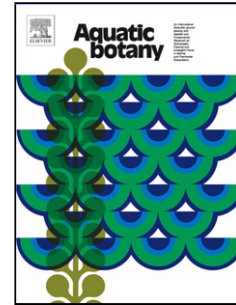


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**Phenotypic variation of the mangrove species *Avicennia marina* (Forssk.) Vierh.
from seven provenances around Australia**

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Highlights

- Australian provenances of *Avicennia marina* developed in isolation of each other
- Differences between provenances are evolutionary adaptations due to site conditions
- Pronounced differences between provenances offer choices for planting or breeding

ABSTRACT

Avicennia marina is the most widely distributed of all mangrove species. This study examined phenotypic characteristics of seedlings raised from seven provenances of the species widely spread around the Australian coast from tropical to temperate regions. Seedlings were grown together for 18 months in a glasshouse at Lismore in sub-tropical eastern Australia. The provenances displayed differences in propagule and seedling size

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