

# STATE FLORA

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## PLANTS FOR SALINE SITES

About one-third of Australia consists of naturally occurring salt-affected land, with an additional 4 million hectares of human-induced saline soils. The prognosis is for worsening salinity problems in Australia, despite many land management initiatives to stop this trend. Revegetating cleared land with deep-rooted trees and shrubs assists in lowering watertables, and helps to stop the spread of dryland salinity. Salt-tolerant shrubs and groundcover can also be used to stabilise salt-scalded land in agricultural areas. The native plants in this list can be used to revegetate salt-affected land, or they can be planted where bore-water is saline. Trials have shown that some plants tolerate highly (H) salinised (>8 dSiemens/m) soils, while most prefer low (L: 2-4 dSiemens/m) to moderate (M: 4-8 dSiemens/m) salinity levels (listed species without a category have yet to be extensively trialled). Different provenances (regions where a species occurs naturally) of particular species may differ in salt-tolerance. For large-scale reclamation projects on salinised land there are several books and fact-sheets available from PIRSA. Much of the information for this section was taken from *Trees for Saltland: a guide to selecting native species for Australia*. Mascar *et al.* (1995) CSIRO, Canberra.

*Acacia acuminata* (M)

\**Acacia cyclops* (M)

*Acacia howittii*

\**Acacia iteaphylla* (M)

*Acacia ligulata*

*Acacia longifolia* var. *sophorae* (M)

*Acacia mearnsii* (L)

*Acacia melanoxylon* (L)

*Acacia notabilis*

*Acacia oswaldii*

*Acacia papyrocarpa*

*Acacia pendula*

*Acacia pycnantha*

*Acacia retinodes* (H)

*Acacia salicina* (H)

*Acacia stenophylla* (H)

*Acacia victoriae*

*Actinostrobus pyramidalis*

*Allocasuarina luehmannii* (M)

*Allocasuarina verticillata* (M)

*Alyogyne hakeifolia*

*Astartea fascicularis*

*Atriplex amnicola* (H)

*Atriplex cinerea* (M)

*Atriplex nummularia* (H)

*Atriplex rhagodioides* (M)

*Atriplex semibaccata*

*Banksia ericifolia*

*Banksia grandis*

*Banksia integrifolia*



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## Ss – PLANTS FOR SALINE SITES

<i>Banksia marginata</i>	<i>Eucalyptus gomphocephala</i>
<i>Banksia occidentalis</i>	<i>Eucalyptus gracilis</i>
<i>Banksia praemorsa</i>	<i>Eucalyptus grandis</i> (L)
<i>Banksia prionotes</i>	<i>Eucalyptus incrassata</i>
<i>Brachychiton populneus</i>	<i>Eucalyptus intertexta</i>
<i>Brachychiton rupestris</i>	<i>Eucalyptus kondininensis</i> (H)
<i>Casuarina cunninghamiana</i> (M)	<i>Eucalyptus largiflorens</i> (M)
<i>Casuarina obesa</i> (H)	<i>Eucalyptus leptophylla</i>
<i>Casuarina pauper</i> (H)	<i>Eucalyptus lesouefii</i>
<i>Callistemon citrinus</i>	<i>Eucalyptus leucoxydon</i> (M)
<i>Callistemon salignus</i>	<i>Eucalyptus macrandra</i>
<i>Callistemon viminalis</i>	<i>Eucalyptus melliodora</i> (M)
<i>Callitris glaucophylla</i>	<i>Eucalyptus microcarpa</i>
<i>Callitris rhomboidea</i>	<i>Eucalyptus occidentalis</i> (H)
<i>Corymbia maculata</i>	<i>Eucalyptus oleosa</i>
<i>Disphyma crassifolium</i> ssp. <i>clavellatum</i> (H)	<i>Eucalyptus ovata</i> (L)
<i>Enchylaena tomentosa</i> (H)	<i>Eucalyptus petiolaris</i> (H)
<i>Eremophila bisserata</i>	<i>Eucalyptus platypus</i> (M)
<i>Eremophila divaricata</i> (M)	<i>Eucalyptus porosa</i> (M)
<i>Eremophila maculata</i>	<i>Eucalyptus robusta</i>
<i>Eucalyptus albopurpurea</i>	<i>Eucalyptus salubris</i>
<i>Eucalyptus astringens</i> (M)	<i>Eucalyptus sargentii</i> (H)
<i>Eucalyptus botryoides</i> (M)	<i>Eucalyptus sideroxydon</i>
<i>Eucalyptus brockwayi</i> (M)	<i>Eucalyptus spathulata</i> (H)
<i>Eucalyptus burdettiana</i>	<i>Eucalyptus stricklandii</i>
<i>Eucalyptus calycogona</i>	<i>Eucalyptus torquata</i>
<i>Eucalyptus camaldulensis</i> (M)	<i>Eucalyptus 'Torwood'</i>
<i>Eucalyptus camaspe</i> (H)	<i>Eucalyptus woodwardii</i>
<i>Eucalyptus cinerea</i> (L)	<i>Frankenia pauciflora</i> (M)
<i>Eucalyptus cladocalyx</i> (L)	<i>Isopogon nodosa</i>
<i>Eucalyptus coolabah</i> ssp. <i>arida</i> (M)	<i>Isopogon cuneatus</i>
<i>Eucalyptus conglobata</i>	<i>Isopogon dubius</i>
<i>Eucalyptus cornuta</i> (L)	<i>Isopogon latifolius</i>
<i>Eucalyptus crenulata</i> (L)	<i>Juncus kraussii</i>
<i>Eucalyptus dumosa</i> (L)	<i>Kunzea baxteri</i>
<i>Eucalyptus eremophila</i>	<i>Kunzea pomifera</i>
<i>Eucalyptus erythrocorys</i>	<i>Lagunaria patersonii</i>
<i>Eucalyptus flocktoniae</i>	<i>Leucophyta brownii</i>
<i>Eucalyptus forrestiana</i>	<i>Maireana brevifolia</i>
<i>Eucalyptus gardneri</i>	<i>*Melaleuca armillaris</i> (M)
<i>Eucalyptus globulus</i> (L)	<i>Melaleuca bracteata</i> (M)
	<i>Melaleuca brevifolia</i> (M)
	<i>Melaleuca decussata</i> (H)
	<i>Melaleuca gibbosa</i>



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<i>Melaleuca glomerata</i>	<i>Myoporum acuminatum</i>
<i>Melaleuca halmaturorum</i> (H)	<i>Myoporum insulare</i>
<i>Melaleuca huegelii</i>	<i>Myoporum 'Monaro Marvel'</i>
<i>Melaleuca lanceolata</i> (H)	<i>Myoporum parvifolium</i> (L)
<i>Melaleuca linariifolia</i> (M)	<i>Myoporum platycarpum</i>
<i>Melaleuca microphylla</i>	<i>Pimelea ferruginea</i>
<i>Melaleuca nesophila</i>	<i>Pittosporum phylliraeoides</i>
<i>Melaleuca pentagona</i>	<i>Rhagodia spinescens</i>
<i>Melaleuca squarrosa</i> (H)	<i>Scaevola crassifolia</i>
<i>Melaleuca styphelioides</i>	<i>Senna artemisioides</i> (most ssp.)
<i>Melaleuca uncinata</i> (H)	<i>Tetragonia tetragonioides</i>

\*These plants have been identified as potentially invasive in some areas

