

YAN's Climate Ready Revegetation Program

Species Assessment

To shortlist a species for the YAN Climate Ready nursery list, we first confirm that it occurs naturally in our region by looking at its distribution on Atlas of Living Australia (ALA). We then assess its likely ability to tolerate projected future climate conditions by checking whether its natural range extends into areas with annual average temperature and rainfall similar to those forecast for Yass by 2070. In particular, we look for distributions that extend into warmer areas already experiencing average annual temperatures 4–5°C above the Yass region's recent historical baseline.

If a species meets this climate resilience threshold, we then consider practical factors, including whether seed can be sourced from an appropriate range of provenances, whether it germinates reliably in our nurseries, and whether it complements the other species on the Climate Ready nursery list.

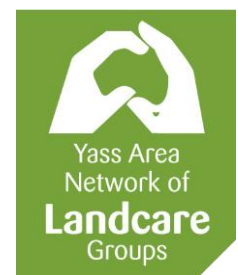
Interpretation Criteria

- **Yes:** There is evidence that the species can tolerate hotter conditions, similar to the projected future annual average temperatures in the Yass region.
- **No:** There is *not* evidence that the species can tolerate hotter conditions, similar to the projected future annual average temperatures in the Yass region.

Species	Overall climate tolerance
<i>Acacia acinacea</i>	no
<i>Acacia buxifolia</i>	yes
<i>Acacia dealbata</i>	no
<i>Acacia deanii subsp. paucijuga</i>	yes
<i>Acacia decora</i>	yes
<i>Acacia doratoxylon</i>	yes
<i>Acacia genistifolia</i>	no
<i>Acacia gunnii</i>	no
<i>Acacia implexa</i>	yes
<i>Acacia lanigera</i>	no
<i>Acacia mearnsii</i>	no
<i>Acacia melanoxylon</i>	yes
<i>Acacia obliquinervia</i>	no
<i>Acacia paradoxa</i>	yes
<i>Acacia parramattensis</i>	no
<i>Acacia rubida</i>	yes
<i>Acacia ulicifolia</i>	yes
<i>Acacia verniciflua</i>	yes
<i>Allocasuarina littoralis</i>	yes



<i>Allocasuarina verticillata</i>	yes
<i>Arthropodium milleflorum</i>	yes
<i>Bossiaea buxifolia</i>	yes
<i>Bossiaea prostrata</i>	yes
<i>Brachychiton populneus</i>	yes
<i>Bulbine bulbosa</i>	yes
<i>Bursaria spinosa subsp. lasiophylla</i>	yes
<i>Bursaria spinosa subsp. spinosa</i>	yes
<i>Callistemon citrinus</i>	yes
<i>Callistemon pallidus</i>	yes
<i>Callistemon sieberi</i>	yes
<i>Callitris endlicherii</i>	yes
<i>Calytrix tetragona</i>	yes
<i>Carex appressa</i>	yes
<i>Cassinia aculeata</i>	no
<i>Cassinia laevis</i>	yes
<i>Cassinia longifolia</i>	yes
<i>Casuarina cunninghamiana</i>	yes
<i>Chrysocephalum apiculatum</i>	yes
<i>Chrysocephalum semipapposum</i>	yes
<i>Daviesia genistifolia</i>	yes
<i>Daviesia latifolia</i>	no
<i>Daviesia leptophylla</i>	no
<i>Daviesia mimosoides</i>	yes
<i>Dianella revoluta</i>	yes
<i>Dillwynia phyllicoides</i>	yes
<i>Dodonaea viscosa subsp. angustissima</i>	yes
<i>Dodonaea viscosa subsp. cuneata</i>	yes
<i>Einadia hastata</i>	yes
<i>Einadia nutans</i>	yes
<i>Eryngium ovinum</i>	no
<i>Eucalyptus albens</i>	yes
<i>Eucalyptus blakelyi</i>	yes
<i>Eucalyptus bridgesiana</i>	yes
<i>Eucalyptus camaldulensis</i>	yes
<i>Eucalyptus cinerea</i>	no
<i>Eucalyptus crenulata</i>	no
<i>Eucalyptus dealbata</i>	yes
<i>Eucalyptus dives</i>	no
<i>Eucalyptus goniocalyx</i>	no
<i>Eucalyptus macrorhyncha</i>	yes
<i>Eucalyptus mannifera</i>	no



<i>Eucalyptus melliodora</i>	yes
<i>Eucalyptus microcarpa</i>	yes
<i>Eucalyptus pauciflora</i> subsp. <i>pauciflora</i>	no
<i>Eucalyptus polyanthemus</i>	no
<i>Eucalyptus rossii</i>	yes
<i>Eucalyptus rubida</i> subsp. <i>rubida</i>	no
<i>Eucalyptus sideroxylon</i> subsp. <i>sideroxylon</i>	yes
<i>Eucalyptus viminalis</i>	no
<i>Gompholobium huegelii</i>	no
<i>Grevillea lanigera</i>	no
<i>Grevillea rosmarinifolia</i>	no
<i>Hakea decurrens</i>	no
<i>Hakea microcarpa</i>	no
<i>Hakea sericea</i>	no
<i>Hardenbergia violacea</i>	yes
<i>Indigofera australis</i>	yes
<i>Kunzea ericoides</i>	yes
<i>Leptospermum continentale</i>	no
<i>Leptospermum lanigerum</i>	no
<i>Leptospermum multicaule</i>	no
<i>Leptospermum obovatum</i>	no
<i>Lesbedeza juncea</i>	yes
<i>Leucochrysum albicans</i>	yes
<i>Lomandra longifolia</i>	yes
<i>Melaleuca parvistaminea</i>	no
<i>Poa labillardierei</i>	yes
<i>Pultenaea microphylla</i>	yes
<i>Pultenaea procumbens</i>	no
<i>Pultenaea spinosa</i>	yes
<i>Pultenaea subspicata</i>	no
<i>Rytidosperma caespitosum</i>	yes
<i>Rytidosperma pallidum</i>	yes
<i>Solanum aviculare</i>	yes
<i>Themeda triandra</i>	yes
<i>Xerochrysum viscosum</i>	yes