

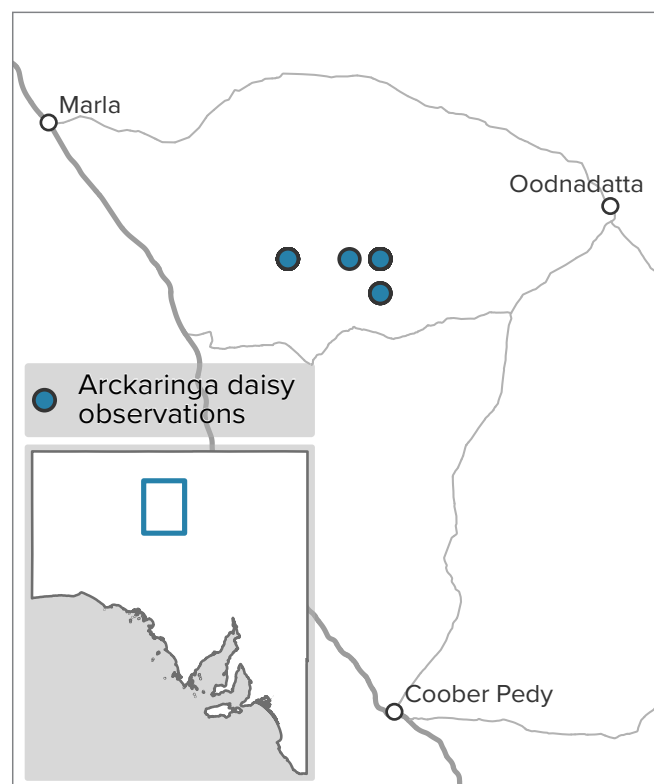
Arckaringa daisy *Olearia arckaringensis*

Status National (EPBC Act): Endangered | State (NPW Act SA): Endangered

The Arckaringa daisy is a threatened plant endemic to the Arckaringa Hills in South Australia. Its restricted distribution and small population size make it particularly vulnerable to a range of threats, and emphasise the need for conservation efforts to ensure its survival.

Distribution and habitat

The Arckaringa daisy is found exclusively within the Breakaways subregion of the Stony Plains biogeographic region in northern South Australia. It is restricted to a 37 km extent of occurrence between Coober Pedy and Oodnadatta. The species is generally found in association with low, very open woodland on soft, eroding slopes of the breakaway escarpment.



Population trend

The total population size of Arckaringa daisy is estimated to be around 2,000 plants. Most populations are very small (as few as 13 individuals), with the vast majority (approximately 1,300) of known individuals being with a single population. Although the species appears to be stable, recruitment seems rare, with more than 95% of individuals being mature.

Threats to the species

The restricted range and small population size of the Arckaringa daisy make it extremely vulnerable to extinction. Threats include trampling and grazing by domestic and wild herbivores. Climate change and invasive plants may also pose a significant risk to the species.

What is being done?

Arckaringa daisy is one of 30 priority plant species included in the Australian Government's Threatened Species Action Plan 2022–2032. Conservation efforts for Arckaringa daisy focus on protecting habitat and addressing key threats. These include working with pastoral managers to protect known populations from herbivores and manage buffel grass. Surveys continue to be undertaken, informed by detailed soil geochemistry, to better understand the species' distribution, abundance, and threats. Population genetic analysis and *in situ* seed trials are also underway.

